

Science Summation Page

The 2005 Arkansas Science Framework states, "Students should be engaged in hands-on laboratory experiences at least 20% of the instructional time." In order to meet this goal, teachers and students require access to adequate equipment and supplies to facilitate learning through inquiry-based experiences utilizing current technology. The cost for outfitting science classrooms and/or labs has been calculated for each individual grade level based on meeting the Arkansas Science Framework, but because much of this equipment can be shared within a school, a shared cost has also been calculated with grades K-4, 5-8, and 9-12 sharing costs. The possible savings are listed below:

| Excel Worksheet Nomenclature | Facilities | Not Shared Unattached | Shared Unattached | Shared Savings | Not Shared Total | Shared Total | |
|---------------------------------|------------------|--------------------------|----------------------|-------------------|---------------------|------------------|------------|
| K4SiteEquip | | \$49,147 | | | | | |
| K | \$12,241 | \$2,788 | \$2,127 | \$661 | \$15,029 | \$14,368 | Shared K-4 |
| 1st | \$12,241 | \$3,181 | \$1,400 | \$1,781 | \$15,422 | \$13,640 | Shared K-4 |
| 2nd | \$12,711 | \$4,093 | \$2,448 | \$1,644 | \$16,804 | \$15,159 | Shared K-4 |
| 3rd | \$12,711 | \$4,909 | \$3,063 | \$1,846 | \$17,620 | \$15,774 | Shared K-4 |
| 4th | \$12,826 | \$5,362 | | | \$18,188 | \$18,188 | |
| 5to8SiteEquip | | \$49,147 | | | | | |
| 5th | \$15,505 | \$11,533 | \$7,821 | \$3,712 | \$27,038 | \$23,326 | Shared 5-8 |
| 6th | \$16,395 | \$7,531 | \$5,556 | \$1,976 | \$23,926 | \$21,951 | Shared 5-8 |
| 7th | \$19,550 | \$12,769 | \$6,619 | \$6,149 | \$32,318 | \$26,169 | Shared 5-8 |
| 8th | \$21,550 | \$8,612 | | | \$30,162 | \$30,162 | |
| 9to12SiteEquip | | \$47,647 | | | | | |
| PS | \$26,626 | \$30,611 | \$5,395 | \$25,216 | \$57,237 | \$32,021 | Shared |
| Bio | \$21,830 | \$17,302 | | | \$39,132 | \$39,132 | |
| Chem | \$31,750 | \$23,514 | \$20,660 | \$2,854 | \$55,264 | \$52,409 | Shared |
| Physics | \$26,626 | \$36,432 | \$28,535 | \$7,897 | \$63,058 | \$55,161 | Shared |
| A&P | \$21,830 | \$15,609 | \$11,893 | \$3,717 | \$37,439 | \$33,722 | Shared |
| EnvirSci | \$21,830 | \$16,053 | \$11,546 | \$4,507 | \$37,882 | \$33,375 | Shared |
| Totals | \$286,218 | \$346,240 | | | \$486,518 | \$424,559 | |

| | |
|---------------------|----------------|
| ChemicalsChem | \$1,573 |
| ChemicalsBioA&PESci | \$298 |
| ChemicalsPS | \$402 |
| Total | \$2,272 |

Science - Grades K-4 Site Equipment List

Facilities/Attached Equipment

Equipment that is shared by all teachers and stored in the teacher workroom, media center, or office.

| Item | | Object/Device | Example(s) | Number per Students/School | Approximate Cost |
|------|---|-------------------------------------|--|----------------------------|--------------------|
| 1 | A | Photocopier | 45cpm, networked, RADF | 1 per 200 students | \$10,000.00 |
| 2 | A | Digital Cameras | 5 megapixel or greater | 5 per school | \$1,500.00 |
| 3 | A | Digital Video Cameras | 2.5" LCD screen | 5 per school | \$2,500.00 |
| 4 | A | Student Computer Lab Setting | 27 computer station lab with digital projection system | 1 per school | \$30,000.00 |
| 5 | A | Overhead Projector | 2700 lumens 10.5" * 10.5 " | 2 per school | \$564.00 |
| 6 | A | Document Projector | Elmo or equivalent | 3 per school | \$1,875.00 |
| 7 | A | Recording Device(s) | CD, Tape Player/Recorder | 3 per school | \$168.00 |
| 8 | A | Laminator | Roll-type | 1 per school | \$875.00 |
| 9 | A | Paper Cutter | 18" stainless steel blade, manual | 1 per 300 | \$165.00 |
| 10 | A | Ellison Cutter or equivalent | Starter set (machine and dies) | 1 | \$1,500.00 |
| | | | | Total | \$49,147.00 |

A = All (Available in the school)

Science - K Unattached Equipment List

Facilities/Attached Equipment

| Item | Item Name | Specifications & Descriptions | Number per Classroom | Approximate Cost |
|------|---|--|----------------------|--------------------|
| 1 . | R Teacher Desk | | 1 | \$400.00 |
| 2 . | R Teacher Chair | | 1 | \$130.00 |
| 3 . | R Student Table | 2 students per table .75 " particle board 18" high | 10 | \$759.80 |
| 4 . | R Student Chairs | | 22 | \$394.90 |
| 5 . | R Cubby | 25 units | 1 | \$320.00 |
| 6 . | R Storage Cabinet | 46" * 24" * 78" lockable doors, adjustable shelf | 2 | \$740.00 |
| 7 . | R Filing Cabinet(s) | 2-drawer 30" * 18" * 26" | 2 | \$358.00 |
| 8 . | R Bookshelves | 36" * 18" * 42" | 2 | \$250.00 |
| 9 . | R Tables | 48" * 72" activity table | 1 | \$200.00 |
| 10 . | R Desktop Computer w/ Printer (teacher) | | 1 | \$2,500.00 |
| 11 . | R Dry Erase Board | 5' * 8' metal frame, magnetic | 1 | \$419.00 |
| 12 . | R Integrated, interactive digital presentation system | Laptop, Interactive WhiteBoard, Projector | 1 | \$4,500.00 |
| 13 . | R DVD/DVR Player | player/recorder | 1 | \$179.00 |
| 14 . | R TV/Monitor | 32" or greater flat panel LCD | 1 | \$800.00 |
| 15 . | R Wireless enabled classroom | | | \$50.00 |
| 16 . | R TI-10 or equivalent | Calculators | 12 | \$240.00 |
| | | | Total | \$12,240.70 |

R = Regular

Science - K Unattached Equipment List

Unattached Specialized Equipment

| Item | Item Name | Specifications & Descriptions | Number per Classroom | Approximate Cost | Shared Cost | |
|------|-----------|---------------------------------------|---|-------------------|-------------|----------|
| 1 . | S | Aluminum foil | 1 roll | \$3.59 | | |
| 2 . | S | Animal cages/habitats and accessories | 3 | \$176.85 | | |
| 3 . | S | Animals | Choice of hamsters, lab mice, Guinea pigs | \$25.00 | | |
| 4 . | S | Antacid tablets | Box of 36 | \$21.16 | | |
| 5 . | S | Aprons, rubberized | medium duty | \$257.28 | | |
| 6 . | S | Balls | hard rubber, steel, tennis, golf, foam | 1 set/2 students | \$50.00 | \$50.00 |
| 7 . | S | Barometer | | 1 per classroom | \$25.50 | \$25.50 |
| 8 . | S | Batteries | D size | 3 boxes of 8 | \$24.00 | |
| 9 . | S | Batteries | C size | 3 boxes of 8 | \$24.00 | |
| 10 . | S | Batteries | AA size | 3 boxes of 8 | \$24.00 | |
| 11 . | S | Batteries | AAA size | 6 | \$24.00 | |
| 12 . | S | Batteries | 9 volt | 3 boxes | \$24.00 | |
| 13 . | S | Beaker sets, plastic | 1000mL, 500 mL, 250 ml, 100 mL, 50 mL | 1 set/4 students | \$86.80 | \$86.80 |
| 14 . | S | Butterfly larvae kit | live | 1 | \$48.25 | |
| 15 . | S | Charts, weather | | 1 per classroom | \$44.00 | |
| 16 . | S | Corks | assorted sizes | 1 set | \$10.00 | |
| 17 . | S | Counter brush | Stiff bristles for cleaning | 1 | \$8.00 | |
| 18 . | S | Distilled water | 1 gallow | Bottle | \$1.25 | |
| 19 . | S | Electrical outlet caps | For outlets not in use | 8 | \$4.00 | |
| 20 . | S | Eye protection goggles | ANSI Z87 or Z87.1 approved | 24 | \$76.80 | |
| 21 . | S | Fire extinguisher | ABC triclass | 1 | \$99.71 | |
| 22 . | S | First aid kit | Bandages, gauze, plastic box, OSHA compliant | 1 | \$66.50 | |
| 23 . | S | Food coloring | Red, green, blue, yellow | 4 droppers | \$4.25 | |
| 24 . | S | Gloves, polyethylene, disposable | package of 500 (use non-latex gloves for students who a | 1 | \$33.20 | |
| 25 . | S | Glue | | 6 bottles | \$8.00 | |
| 26 . | S | Googles, safety | elementary | 28 | \$161.00 | \$161.00 |
| 27 . | S | Graduated cylinders set, plastic | 100 mL, 50 mL, 25 mL, 10 mL | 1 set/ 2 students | \$74.90 | \$74.90 |

Science - K Unattached Equipment List

| | | | | | | | |
|----|---|---|--|--|---------------------|----------|---------|
| 28 | . | S | Ground fault interrupter on electrical outlets | Located near faucets | 1 | \$11.33 | |
| 29 | . | S | Hand lens | | 1 per 2 students | \$18.50 | \$18.50 |
| 30 | . | S | Isopropyl alcohol | 70% | 500 ml | \$5.50 | |
| 31 | . | S | Kits correlated to frameworks | Foss, Gems, SEPUP, etc. | 1 kit per classroom | \$500.00 | |
| 32 | . | S | Laboratory cart | | 1 | \$200.00 | |
| 33 | . | S | Magic Makers | | 2 packs of 6 | \$14.78 | |
| 34 | . | S | Magnets | set-assorted sizes | 1 set/4 students | \$59.70 | \$59.70 |
| 35 | . | S | Mass sets | plastic | 1 per 4 students | \$50.00 | \$50.00 |
| 36 | . | S | Metamorphosis, complete | acrylic encased stages of butterfly | 1 | \$24.95 | |
| 37 | . | S | Modeling clay | set/variety of colors | box per 2 student | \$55.30 | |
| 38 | . | S | Petroleum jelly | 2.5 oz bottle | Bottle | \$16.45 | |
| 39 | . | S | Plant seeds | variety | 5 small seed bags | \$4.50 | |
| 40 | . | S | Plant, large pots | 6 inch dia. | 6 pots | \$23.94 | |
| 41 | . | S | Plant, starting pots | | 3 trays | \$9.00 | |
| 42 | . | S | Plastic spoons | | 6 boxes of 50 | \$17.94 | |
| 43 | . | S | Plastic zip bags | | 6 boxes of 20 | \$21.00 | |
| 44 | . | S | Potting soil | | 1 twenty lb bag | \$7.50 | |
| 45 | . | S | Rain gauge | plastic | 1 | \$14.50 | \$14.50 |
| 46 | . | S | Refrigerator | dorm size | 1 | \$80.00 | \$80.00 |
| 47 | . | S | Rulers | standard and metric units | 1 per student | \$15.00 | |
| 48 | . | S | Safety Rules (teacher made) | located in lab area | 1 | \$0.00 | |
| 49 | . | S | Scissors, safety | class set | 1 per student | \$20.05 | \$20.05 |
| 50 | . | S | Soda Straws | | 4 boxes | \$12.80 | |
| 51 | . | S | Soil fertilizer | | 1 bottle | \$3.50 | |
| 52 | . | S | Solar system demo kit | inflatable | 1 | \$38.95 | |
| 53 | . | S | Sugar | 5 lbs | Sack | \$4.75 | |
| 54 | . | S | Tape measures, set of 10 | metric on one side, standard on the other | 1 per 2 students | \$19.90 | \$19.90 |
| 55 | . | S | Timer, digital | | 1 | \$20.00 | |
| 56 | . | S | Tooth model, giant | with giant toothbrush for demo proper oral hygiene | 1 | \$32.95 | |
| 57 | . | S | Toothpaste | 6 oz tube | 1 | \$2.00 | |
| 58 | . | S | Trays | large plastic | 15 | \$30.00 | |
| 59 | . | S | Vinegar | 1 Liter | 1 Liter | \$4.99 | |

Science - K Unattached Equipment List

| | | | | | | | |
|----|---|---|----------------------|--|--------|---------|--|
| 60 | . | S | Wax paper | | 1 roll | \$2.20 | |
| 61 | . | S | Weather map, hanging | | 1 | \$40.00 | |

S = Specialized

**Total \$2,788.02 \$660.85
Shared
K-4**

Shared Cost \$2,127.17

Science - Grade 1 Unattached Equipment List

Facilities/Attached Equipment

| Item | Item Name | Specifications & Descriptions | Number per Classroom | Approximate Cost |
|--------------------|---|--|----------------------|--------------------|
| 1 . | R Teacher Desk | | 1 | \$400.00 |
| 2 . | R Teacher Chair | | 1 | \$130.00 |
| 3 . | R Student Table | 2 students per table .75 " particle board 18" high | 10 | \$759.80 |
| 4 . | R Student Chairs | | 22 | \$394.90 |
| 5 . | R Cubby | 25 units | 1 | \$320.00 |
| 6 . | R Storage Cabinet | 46" * 24" * 78" lockable doors, adjustable shelf | 2 | \$740.00 |
| 7 . | R Filing Cabinet(s) | 2-drawer 30" * 18" * 26" | 2 | \$358.00 |
| 8 . | R Bookshelves | 36" * 18" * 42" | 2 | \$250.00 |
| 9 . | R Tables | 48" * 72" activity table | 1 | \$200.00 |
| 10 . | R Desktop Computer w/ Printer (teacher) | | 1 | \$2,500.00 |
| 11 . | R Dry Erase Board | 5' * 8' metal frame, magnetic | 1 | \$419.00 |
| 12 . | R Integrated, interactive digital presentation system | Laptop, Interactive WhiteBoard, Projector | 1 | \$4,500.00 |
| 13 . | R DVD/DVR Player | player/recorder | 1 | \$179.00 |
| 14 . | R TV/Monitor | 32" or greater flat panel LCD | 1 | \$800.00 |
| 15 . | R Wireless enabled classroom | | | \$50.00 |
| 15 . | R TI-10 or equivalent | Calculators | 12 | \$240.00 |
| R = Regular | | | Total | \$12,240.70 |

Science - Grade 1 Unattached Equipment List

Unattached Specialized Equipment

| Item | Item Name | Specifications & Descriptions | Number per Classroom | Approximate Cost | Shared Cost | |
|------|-----------|---------------------------------------|---|------------------|-------------|----------|
| 1 . | S | Aluminum foil | 1 roll | \$3.59 | | |
| 2 . | S | Anatomy apron | model of detachable organs worn on an apron | students | \$125.75 | \$125.75 |
| 3 . | S | Animal cages/habitats and accessories | | 3 | \$176.85 | |
| 4 . | S | Animals | Choice of hamsters, lab mice, Guinea pigs | | \$25.00 | |
| 5 . | S | Antacid tablets | Box of 36 | Box | \$21.16 | |
| 6 . | S | Aprons, rubberized | medium duty | 24 | \$257.28 | |
| 7 . | S | Balls | hard rubber, steel, tennis, golf, foam | 1 set/2 students | \$50.00 | \$50.00 |
| 8 . | S | Barometer | | 1 per classroom | \$25.50 | \$25.50 |
| 9 . | S | Batteries | D size | 3 boxes of 8 | \$24.00 | |
| 10 . | S | Batteries | C size | 3 boxes of 8 | \$24.00 | |
| 11 . | S | Batteries | AA size | 3 boxes of 8 | \$24.00 | |
| 12 . | S | Batteries | AAA size | 6 | \$24.00 | |
| 13 . | S | Batteries | 9 volt | 3 boxes | \$24.00 | |
| 14 . | S | Beaker sets, plastic | 1000mL, 500 mL, 250 ml, 100 mL, 50 mL | 1 set/4 students | \$86.80 | \$86.80 |
| 15 . | S | Chart, weather | | 1 per classroom | \$44.00 | |
| 16 . | S | Counter brush | Stiff bristles for cleaning | 1 | \$8.00 | |
| 17 . | S | cups, foam | 8 oz cups, pkg of 50 | 5 | \$6.25 | |
| 18 . | S | Distilled water | 1 gallon | 3 | \$3.75 | |
| 19 . | S | Electrical outlet caps | For outlets not in use | 8 | \$4.00 | |
| 20 . | S | Electrostatics kit | | 2 per classroom | \$43.90 | |
| 21 . | S | Eye protection goggles | ANSI Z87 or Z87.1 approved | 24 | \$76.80 | |
| 22 . | S | Fire extinguisher | ABC triclass | 1 | \$99.71 | |
| 23 . | S | First aid kit | Bandages, gauze, plastic box, OSHA compliant | 1 | \$66.50 | |
| 24 . | S | Flashlights | | 1 per 2 students | \$45.00 | \$45.00 |
| 25 . | S | Food coloring | Red, green, blue, yellow | 4 droppers | \$4.25 | |
| 26 . | S | Gloves, polyethylene, disposable | package of 500 (use non-latex gloves for students who a | 1 | \$33.20 | |
| 27 . | S | Googles, safety | elementary | 28 | \$161.00 | \$161.00 |

Science - Grade 1 Unattached Equipment List

| | | | | | | |
|------|---|--|---------------------------------------|-------------------|----------|----------|
| 28 . | S | Graduated cylinders set, plastic | 100 mL, 50 mL, 25 mL, 10 mL | 1 set/ 2 students | \$74.90 | \$74.90 |
| 29 . | S | Ground fault interrupter on electrical outlets | Located near faucets | 1 | \$11.33 | |
| 30 . | S | Hand lens | | 1 per 2 students | \$18.50 | |
| 31 . | S | Isopropyl alcohol | 70% | 500 ml | \$5.50 | |
| 32 . | S | Kits correlated to frameworks | Foss, Gems, SEPUP, etc. | classroom | \$500.00 | \$500.00 |
| 33 . | S | Laboratory cart | | 1 | \$200.00 | \$200.00 |
| 34 . | S | Magic Markers | | 2 packs of 6 | \$14.78 | |
| 35 . | S | Magnets | set-assorted sizes | 1 set/4 students | \$59.70 | \$59.70 |
| 36 . | S | Mass sets | plastic | 1 per 4 students | \$50.00 | \$50.00 |
| 37 . | S | Metamorphosis, complete | acrylic encased stages of butterfly | 1 | \$24.95 | \$24.95 |
| 38 . | S | Metamorphosis, incomplete | acrylic encased stages of grasshopper | 1 | \$24.95 | \$24.95 |
| 39 . | S | Meter sticks | | 1 per 2 students | \$43.20 | \$43.20 |
| 40 . | S | Modeling clay | set/variety of colors | students | \$55.30 | |
| 41 . | S | Ohaus school balance or equivalent | plastic pans | 5 per classroom | \$133.50 | \$133.50 |
| 42 . | S | Petroleum jelly | 2.5 oz bottle | Bottle | \$16.45 | |
| 43 . | S | Plant seeds | variety | 5 bags | \$4.50 | |
| 44 . | S | Plant, large pots | 6 inch plastic | 6 pots | \$23.94 | |
| 45 . | S | Plant, starting pots | plastic | 3 trays | \$9.00 | |
| 46 . | S | Plastic spoons | | 6 boxes of 50 | \$17.94 | |
| 47 . | S | Plastic zip bags | | 6 boxes of 20 | \$21.00 | |
| 48 . | S | Potting soil | | 1 twenty lbs bag | \$7.50 | |
| 49 . | S | Rain gauge | | 1 | \$14.50 | |
| 50 . | S | Refrigerator | dorm size | 1 | \$80.00 | \$80.00 |
| 51 . | S | Rubber tubing | | 50 ft | \$25.00 | \$25.00 |
| 52 . | S | Rulers | standard and metric units | 1 per student | \$15.00 | \$15.00 |
| 53 . | S | Safety Rules (teacher made) | located in lab area | 1 | \$0.00 | |
| 54 . | S | Sand | 5 lb. bag | 1 bag | \$5.00 | |
| 55 . | S | Scissors, safety | class set | 1 per student | \$20.05 | \$20.05 |
| 56 . | S | Soda Straws | | 4 boxes | \$12.80 | |
| 57 . | S | Soil fertilizer | | 1 bottle | \$3.50 | |
| 58 . | S | Solar system model, motorized | with ac adapter | 1 | \$41.95 | |
| 59 . | S | Sugar | 5 lbs | Sack | \$4.75 | |

Science - Grade 1 Unattached Equipment List

| | | | | | | | |
|----|---|---|-----------------------------|---|------------------|---------|---------|
| 60 | . | S | Tape measures, set of 10 | metric on one side, standard on the other | 1 per 2 students | \$19.90 | |
| 61 | . | S | Thermometer, Celsius, giant | one for classroom | | \$36.00 | \$36.00 |
| 62 | . | S | Timer, digital | for teacher use | 1 | \$20.00 | |
| 63 | . | S | Trays | large plastic | 1 per 2 students | \$30.00 | |
| 64 | . | S | Vinegar | 1 Liter | Liter | \$4.99 | |
| 65 | . | S | Wax paper | | 1 roll | \$2.20 | |
| 66 | . | S | Weather map, hanging | | 1 per classroom | \$40.00 | |

S = Specialized

| | | |
|--------------------|-------------------|-------------------|
| Total | \$3,180.87 | \$1,781.30 |
| | | Shared |
| | | K-4 |
| Shared Cost | \$1,399.57 | |

Science - Grade 2 Unattached Equipment List

Facilities/Attached Equipment

| Item | | Item Name | Specifications & Descriptions | Number per Classroom | Approximate Cost |
|--------------------|---|---|--|----------------------|--------------------|
| 1 . | R | Teacher Desk | | 1 | \$400.00 |
| 2 . | R | Teacher Chair | | 1 | \$130.00 |
| 3 . | R | Student Desk Chair Combo | | 25 | \$1,625.00 |
| 4 . | R | Cubby | 25 units | 1 | \$320.00 |
| 5 . | R | Storage Cabinet | 46" * 24" * 78" lockable doors, adjustable shelf | 2 | \$740.00 |
| 6 . | R | Filing Cabinet(s) | 2-drawer 30" * 18" * 26" | 2 | \$358.00 |
| 7 . | R | Bookshelves | 36" * 18" * 42" | 2 | \$250.00 |
| 8 . | R | Tables | 48" * 72" activity table | 1 | \$200.00 |
| 9 . | R | Desktop Computer w/ Printer (teacher) | | 1 | \$2,500.00 |
| 10 . | R | Dry Erase Board | 5' * 8' metal frame, magnetic | 1 | \$419.00 |
| 11 . | R | Integrated, interactive digital presentation system | Laptop, Interactive WhiteBoard, Projector | 1 | \$4,500.00 |
| 12 . | R | DVD/DVR Player | player/recorder | 1 | \$179.00 |
| 13 . | R | TV/Monitor | 32" or greater flat panel LCD | 1 | \$800.00 |
| 14 . | R | Wireless enabled classroom | | | \$50.00 |
| 15 . | R | TI-10 or equivalent | Calculators | 12 | \$240.00 |
| R = Regular | | | | Total | \$12,711.00 |

Science - Grade 2 Unattached Equipment List

Unattached Specialized Equipment

| Item | Item Name | Specifications & Descriptions | Number per Classroom | Approximate Cost | Shared Cost |
|------|-----------|--|--|-------------------|-------------|
| 1 . | S | AC/DC power supply | 1 | \$125.00 | \$125.00 |
| 2 . | S | Aluminum foil | 1 roll | \$3.59 | |
| 3 . | S | Anatomy apron | model of detachable organs worn on an apron | 1 each/4 students | \$125.75 |
| 4 . | S | Anemometer | 1 per classroom | \$12.00 | \$12.00 |
| 5 . | S | Animal cages/habitats and accessories | glass terrarium, gravel, food and water dishes | 3 | \$176.85 |
| 6 . | S | Animal kingdom collection 48 specimens | class set | 1 per classroom | \$225.00 |
| 7 . | S | Animals | Choice of hamsters, lab mice, Guinea pigs | | \$25.00 |
| 8 . | S | Antacid tablets | Box of 36 | Box | \$21.16 |
| 9 . | S | Aprons, rubberized | medium duty | 24 | \$257.28 |
| 10 . | S | Balls | hard rubber, steel, tennis, golf, foam | 1 set/2 students | \$50.00 |
| 11 . | S | Barometer | 1 per classroom | \$25.50 | \$25.50 |
| 12 . | S | Batteries | D size | 3 boxes of 8 | \$24.00 |
| 13 . | S | Batteries | C size | 3 boxes of 8 | \$24.00 |
| 14 . | S | Batteries | AA size | 3 boxes of 8 | \$24.00 |
| 15 . | S | Batteries | AAA size | 6 | \$24.00 |
| 16 . | S | Batteries | 9 volt | 3 boxes | \$24.00 |
| 17 . | S | Beaker sets, plastic | 1000mL, 500 mL, 250 ml, 100 mL, 50 mL | 1 set/4 students | \$86.80 |
| 18 . | S | Chart, metric wall | 1 per classroom | \$9.50 | |
| 19 . | S | Chart, weather | 1 per classroom | \$44.00 | |
| 20 . | S | Cloud chart, laminated | classroom pack of 10 | 1 | \$74.95 |
| 21 . | S | Corks | assorted sizes | 1 set | \$10.00 |
| 22 . | S | Counter brush | Stiff bristles for cleaning | 1 | \$8.00 |
| 23 . | S | Distilled water | 1 gallon | 3 | \$3.75 |
| 24 . | S | Electric Circuit introductory kit | circuit boards, test leads, motor, fuses, insulators | 4 | \$299.80 |
| 25 . | S | Electrical outlet caps | For outlets not in use | 8 | \$4.00 |
| 26 . | S | Eye protection goggles | ANSI Z87 or Z87.1 approved | 24 | \$76.80 |
| 27 . | S | Fire extinguisher | ABC triclass | 1 | \$99.71 |
| 28 . | S | First aid kit | Bandages, gauze, plastic box, OSHA compliant | 1 | \$66.50 |

Science - Grade 2 Unattached Equipment List

| | | | | | | | |
|----|---|---|--|---|---------------------|----------|----------|
| 29 | . | S | Flashlights | | 1 per 2 students | \$45.00 | \$45.00 |
| 30 | . | S | Food coloring | Red, green, blue, yellow | 4 droppers | \$4.25 | |
| 31 | . | S | Gloves, polyethylene, disposable | package of 500 (use non-latex gloves for students who a | 1 | \$33.20 | |
| 32 | . | S | Glue | | 6 bottles | \$8.00 | |
| 33 | . | S | Googles, safety | elementary | 28 | \$161.00 | |
| 34 | . | S | Graduated cylinders set, plastic | 100 mL, 50 mL, 25 mL, 10 mL | 1 set/ 2 students | \$74.90 | \$74.90 |
| 35 | . | S | Ground fault interrupter on electrical outlets | Located near faucets | 1 | \$11.33 | |
| 36 | . | S | Human skeleton poster | | 1 per classroom | \$19.95 | |
| 37 | . | S | Human skeleton, model | economy, 33" tall | 1 | \$59.95 | |
| 38 | . | S | Isopropyl alcohol | 70% | 500 ml | \$5.50 | |
| 39 | . | S | Kits correlated to frameworks | Foss, Gems, SEPUP, etc. | 1 kit per classroom | \$500.00 | \$500.00 |
| 40 | . | S | Laboratory cart | | 1 | \$200.00 | |
| 41 | . | S | Magic Makers | | 2 packs of 6 | \$14.78 | |
| 42 | . | S | Magnets | set-assorted sizes | 1 set/4 students | \$59.70 | |
| 43 | . | S | Magnifying glasses | | 1 per 2 students | \$49.00 | \$49.00 |
| 44 | . | S | Mass sets | plastic | 1 per 4 students | \$50.00 | |
| 45 | . | S | Matches, wooden | | 1 box | \$2.89 | |
| 46 | . | S | Meter sticks | | 1 per student | \$100.08 | \$100.08 |
| 47 | . | S | Modeling clay | set/variety of colors | 1 box per 2 student | \$55.30 | |
| 48 | . | S | Moon phase calendar kit | construct a calendar of the Moon's phases | 1 | \$69.95 | |
| 49 | . | S | Ohaus school balance or equivalent | pan type balance | 5 per classroom | \$133.50 | \$133.50 |
| 50 | . | S | Petroleum jelly | 2.5 oz bottle | Bottle | \$16.45 | |
| 51 | . | S | Physics kit | teaching physics using toys | 1 | \$69.95 | |
| 52 | . | S | Plant, large pots | | 6 pots | \$23.94 | |
| 53 | . | S | Plant, starting pots | | 3 trays | \$9.00 | |
| 54 | . | S | Plastic spoons | | 6 boxes of 50 | \$17.94 | |
| 55 | . | S | Plastic zip bags | | 6 boxes of 20 | \$21.00 | |
| 56 | . | S | Potting soil | | 1 twenty lbs bag | \$7.50 | |
| 57 | . | S | Refrigerator | dorm size | 1 | \$80.00 | \$80.00 |
| 58 | . | S | Rubber tubing | | 50 ft | \$25.00 | \$25.00 |
| 59 | . | S | Rulers | standard and metric units | 1 per student | \$15.00 | |
| 60 | . | S | Safety Rules (teacher made) | located in lab area | 1 | \$0.00 | |

Science - Grade 2 Unattached Equipment List

| | | | | | | | | |
|----|---|---|-----------------------------|---|-------------------|----|---------|---------|
| 61 | . | S | Sand | 5 lb. | 1 bag | | \$5.00 | |
| 62 | . | S | Scissors, safety | class set | 1 per student | | \$20.05 | \$20.05 |
| 63 | . | S | Seeds, bean | | 5 small seed bags | | \$4.50 | |
| 64 | . | S | Soda Straws | | 4 boxes | | \$12.80 | |
| 65 | . | S | Soil fertilizer | | 1 bottle | | \$3.50 | |
| 66 | . | S | Sugar | 5 lbs | Sack | | \$4.75 | |
| 67 | . | S | Tape measures, set of 10 | metric on one side, standard on the other | 1 per 2 students | | \$19.90 | \$19.90 |
| 68 | . | S | Thermometer, Celsius, giant | one for classroom | | | \$36.00 | \$36.00 |
| 69 | . | S | Thermometers | °C and °F dual | | 10 | \$26.50 | \$26.50 |
| 70 | . | S | Timer, digital | for teacher use | | 1 | \$20.00 | |
| 71 | . | S | Trays | large plastic | 1 per 2 students | | \$30.00 | |
| 72 | . | S | Vinegar | 1 Liter | Liter | | \$4.99 | |
| 73 | . | S | Wax marking pencils | | 1 dozen | | \$7.39 | |
| 74 | . | S | Wax paper | | 1 roll | | \$2.20 | |

S = Specialized

**Total \$4,092.58 \$1,644.23
Shared
K-4**

Shared Cost \$2,448.35

Science - Grade 3 Unattached Equipment List

Facilities/Attached Equipment

| Item | | Item Name | Specifications & Descriptions | Number per Classroom | Approximate Cost | |
|------|---|-----------|---|--|------------------|--------------------|
| 1 | . | R | Teacher Desk | | 1 | \$400.00 |
| 2 | . | R | Teacher Chair | | 1 | \$130.00 |
| 3 | . | R | Student Desk Chair Combo | | 25 | \$1,625.00 |
| 4 | . | R | Cubby | 25 units | 1 | \$320.00 |
| 5 | . | R | Storage Cabinet | 46" * 24" * 78" lockable doors, adjustable shelf | 2 | \$740.00 |
| 6 | . | R | Filing Cabinet(s) | 2-drawer 30" * 18" * 26" | 2 | \$358.00 |
| 7 | . | R | Bookshelves | 36" * 18" * 42" | 2 | \$250.00 |
| 8 | . | R | Tables | 48" * 72" activity table | 1 | \$200.00 |
| 9 | . | R | Desktop Computer w/ Printer (teacher) | | 1 | \$2,500.00 |
| 10 | . | R | Dry Erase Board | 5' * 8' metal frame, magnetic | 1 | \$419.00 |
| 11 | . | R | Integrated, interactive digital presentation system | Laptop, Interactive WhiteBoard, Projector | 1 | \$4,500.00 |
| 12 | . | R | DVD/DVR Player | player/recorder | 1 | \$179.00 |
| 13 | . | R | TV/Monitor | 32" or greater flat panel LCD | 1 | \$800.00 |
| 14 | . | R | Wireless enabled classroom | | | \$50.00 |
| 15 | . | R | TI-15 or equivalent | Calculators | 12 | \$240.00 |
| | | | | | Total | \$12,711.00 |

R = Regular

Science - Grade 3 Unattached Equipment List

Unattached Specialized Equipment

| Item | Item Name | Specifications & Descriptions | Number per Classroom | Approximate Cost | Shared Cost |
|------|-----------|--|---|------------------|-------------|
| 1 . | S | AC/DC power supply | | \$125.00 | \$125.00 |
| 2 . | S | Aluminum foil | 75 sq ft | \$3.59 | |
| 3 . | S | Anemometer | 1 per classroom | \$12.00 | \$12.00 |
| 4 . | S | Animal Habitat Units | glass terrarium, bulbs, gravel, food and water dish | \$176.85 | |
| 5 . | S | Animal kingdom collection 48 specimens | class set | \$225.00 | \$225.00 |
| 6 . | S | Animals | Choice of hamsters, lab mice, Guinea pigs | \$25.00 | |
| 7 . | S | Antacid tablets | Box of 36 | \$21.16 | |
| 8 . | S | Aprons, rubberized | medium duty | \$257.28 | |
| 9 . | S | Balls | hard rubber, steel, tennis, golf, foam | \$50.00 | \$50.00 |
| 10 . | S | Barometer | 1 per classroom | \$25.00 | \$25.00 |
| 11 . | S | Batteries | D size | \$24.00 | |
| 12 . | S | Batteries | C size | \$24.00 | |
| 13 . | S | Batteries | AA size | \$24.00 | |
| 14 . | S | Batteries | AAA size | \$24.00 | |
| 15 . | S | Batteries | 9 volt | \$24.00 | |
| 16 . | S | Beaker sets, plastic | 1000mL, 500 mL, 250 ml, 100 mL, 50 mL | \$86.80 | \$86.80 |
| 17 . | S | Chart, metric wall | 1 per classroom | \$9.50 | |
| 18 . | S | Chart, weather | 1 per classroom | \$44.00 | |
| 19 . | S | Chick-U-Bator | incubator | \$54.95 | |
| 20 . | S | Compasses, drawing | 1 per 2 students | \$30.00 | \$30.00 |
| 21 . | S | Corks | assorted sizes | \$10.00 | \$10.00 |
| 22 . | S | Counter brush | Stiff bristles for cleaning | \$8.00 | |
| 23 . | S | Cover slips/box of 100 | | \$10.00 | |
| 24 . | S | Distilled water | 1 gallow | \$1.25 | |
| 25 . | S | Electric Circuits kit | | \$200.00 | \$200.00 |
| 26 . | S | Electrical outlet caps | For outlets not in use | \$4.00 | |
| 27 . | S | Eye protection goggles | ANSI Z87 or Z87.1 approved | \$76.80 | |
| 28 . | S | Fire extinguisher | ABC triclass | \$99.71 | |
| 29 . | S | First aid kit | Bandages, gauze, plastic box, OSHA compliant | \$66.50 | |

Science - Grade 3 Unattached Equipment List

| | | | | | | | |
|----|---|---|--|--|---------------------|----------|----------|
| 30 | . | S | Flashlights | | 1 per 2 students | \$45.00 | \$45.00 |
| 31 | . | S | Food coloring | Red, green, blue, yellow | 4 droppers | \$4.25 | |
| 32 | . | S | Gloves, polyethylene, disposable | package of 500 (use non-latex gloves for students who a | 1 | \$33.20 | |
| 33 | . | S | Glue, school | 6 oz bottle | 6 | \$8.00 | |
| 34 | . | S | Googles, safety | elementary | 28 | \$161.00 | \$161.00 |
| 35 | . | S | Graduated cylinders set, plastic | 100 mL, 50 mL, 25 mL, 10 mL | 1 set/ 2 students | \$74.90 | \$74.90 |
| 36 | . | S | Ground fault interrupter on electrical outlets | Located near faucets | 1 | \$11.33 | |
| 37 | . | S | Hot plates | | 1 for teacher | \$19.85 | \$19.85 |
| 38 | . | S | Hydrochloric acid | 1% molar solution | 500 ml | \$5.80 | |
| 39 | . | S | Hydrogen peroxide | | 0.03 473 ml | \$3.75 | |
| 40 | . | S | Isopropyl alcohol | | 0.7 500 ml | \$5.50 | |
| 41 | . | S | Kits correlated to frameworks | Foss, Gems, SEPUP, etc. | 1 kit per classroom | \$500.00 | \$500.00 |
| 42 | . | S | Laboratory cart | | 1 | \$200.00 | \$200.00 |
| 43 | . | S | Life cycle kit, butterfly | Live larva, develop to butterflies | 1 | \$49.95 | |
| 44 | . | S | Light and sound kit | | 1 | \$56.95 | |
| 45 | . | S | Liquid measure kit | Plastic cups, containers, scoops, jars | 4 sets per classro | \$96.00 | \$96.00 |
| 46 | . | S | Magnets, classroom kit | various magnets, compass, iron filings, etc. | 1 | \$69.00 | \$69.00 |
| 47 | . | S | Magnifying glasses | | 1 per 2 students | \$49.00 | \$49.00 |
| 48 | . | S | Map, Arkansas Minerals | Arkansas Geological Commission | | \$0.00 | |
| 49 | . | S | Mass sets | brass | 1 per 4 students | \$45.85 | \$45.85 |
| 50 | . | S | Metamorphosis, complete | acrylic encased stages of butterfly: eggs, larva, chrysalis, | 1 | \$24.95 | |
| 51 | . | S | Metamorphosis, incomplete | acrylic encased stages of grasshopper: larva, hopper, ny | 1 | \$24.95 | |
| 52 | . | S | Meter sticks | | 1 per student | \$100.08 | \$100.08 |
| 53 | . | S | Microscope - elementary standard | | 1 per 2 students | \$497.70 | \$497.70 |
| 54 | . | S | Microscope slides-plastic | disposable | 1000 | \$70.00 | |
| 55 | . | S | Mineral testing kit | | 1 per 2 students | \$139.30 | |
| 56 | . | S | Model, lung | | 1 | \$79.95 | |
| 57 | . | S | Model, Sexless Mini Torso | 1/2 life size | 1 per classroom | \$134.00 | \$134.00 |
| 58 | . | S | Modeling clay | set/variety of colors | 1 box per 2 student | \$55.30 | |
| 59 | . | S | Ohaus school balance or equivalent | | 5 per classroom | \$133.50 | \$133.50 |
| 60 | . | S | Petroleum jelly | 2.5 oz bottle | Bottle | \$16.45 | |
| 61 | . | S | Plastic spoons | | 6 boxes of 50 | \$17.94 | |

Science - Grade 3 Unattached Equipment List

| | | | | | | | |
|----|---|---|--------------------------------|---|------------------|---------|---------|
| 62 | . | S | Plastic zip bags | | 6 boxes of 20 | \$21.00 | |
| 63 | . | S | Rain gauge | | 1 per classroom | \$10.00 | |
| 64 | . | S | Refrigerator | dorm size | 1 | \$80.00 | \$80.00 |
| 65 | . | S | Rock; Introductory collection | | 1 per classroom | \$17.00 | |
| 66 | . | S | Rubber tubing | | 50 ft | \$25.00 | \$25.00 |
| 67 | . | S | Rulers | standard and metric units | 1 per student | \$15.00 | |
| 68 | . | S | Safety Rules (teacher made) | located in lab area | 1 | \$0.00 | |
| 69 | . | S | Sand | | 1 bag | \$5.00 | |
| 70 | . | S | Scissors | class set | 1 per student | \$50.00 | |
| 71 | . | S | Soda Straws | | 4 boxes | \$12.80 | |
| 72 | . | S | Solar system model | inflatable, demo set planets and Earth's Moon | 1 per classroom | \$38.95 | |
| 73 | . | S | Sugar | 5 lbs | Sack | \$4.75 | |
| 74 | . | S | Surgical gloves/boxes of 100 | latex, or vinyl | 5 boxes | \$15.00 | |
| 75 | . | S | Tape measures, set of 10 | metric on one side, standard on the other | 1 per 2 students | \$19.90 | \$19.90 |
| 76 | . | S | Thermometer, Celsius, giant | one for classroom | | \$36.00 | |
| 77 | . | S | Thermometers | °C and °F dual | 10 | \$26.50 | \$26.50 |
| 78 | . | S | Vinegar | 1 Liter | Liter | \$4.99 | |
| 79 | . | S | Wave demonstration with spring | | 1 per classroom | \$15.00 | |
| 80 | . | S | Wax marking pencils | | 1 dozen | \$7.39 | \$7.39 |
| 81 | . | S | Wax paper | | 1 roll | \$2.20 | |
| 82 | . | S | Weather vane | | 1 per classroom | \$12.00 | |
| 83 | . | S | Wire | Copper insulated, 100 ft. | 3 rolls | \$15.00 | \$15.00 |

S = Specialized

Total \$4,909.32 \$3,063.47

**Shared
K-4**

Shared Cost \$1,845.85

Science - Grade 4 Unattached Equipment List

Facilities/Attached Equipment

| Item Number | | Item Name | Specifications & Descriptions | Number per Classroom | Approximate Cost |
|-------------|---|---|--|----------------------|------------------|
| 1 | R | Teacher Desk | | 1 | \$400.00 |
| 2 | R | Teacher Chair | | 1 | \$130.00 |
| 3 | R | Student Desk Chair Combo | | 28 | \$1,820.00 |
| 4 | R | Storage Cabinet | 46" * 24" * 78" lockable doors, adjustable shelf | 2 | \$740.00 |
| 5 | R | Filing Cabinet(s) | 2-drawer 30" * 18" * 26" | 2 | \$358.00 |
| 6 | R | Bookshelves | 36" * 18" * 42" | 2 | \$250.00 |
| 7 | R | Tables | 48" * 72" activity table | 1 | \$200.00 |
| 8 | R | Desktop Computer w/ Printer (teacher) | | 1 | \$2,500.00 |
| 9 | R | Dry Erase Board | 5' * 8' metal frame, magnetic | 1 | \$419.00 |
| 10 | R | Integrated, interactive digital presentation system | Laptop, Interactive WhiteBoard, Projector | 1 | \$4,500.00 |
| 11 | R | DVD/DVR Player | player/recorder | 1 | \$179.00 |
| 12 | R | TV/Monitor | 32" or greater flat panel LCD | 1 | \$800.00 |
| 13 | R | Wireless enabled classroom | | | \$50.00 |
| 14 | R | TI-15 or equivalent | Calculators | 24 | \$480.00 |

R = Regular

Total \$12,826.00

Science - Grade 4 Unattached Equipment List

Unattached Specialized Equipment

| Item Number | Item Name | Specifications & Descriptions | Number per Classroom | Approximate Cost |
|-------------|--|---|----------------------|------------------|
| 1 . | S AC/DC power supply | | 1 | \$125.00 |
| 2 . | S Aluminum foil | 75 sq. ft. | 1 roll | \$3.59 |
| 3 . | S Anemometer | | 1 per classroom | \$12.00 |
| 4 . | S Animal Habitat Units | glass terrarium, bulbs, gravel, food and water dish | 3 | \$176.85 |
| 5 . | S Animal kingdom collection 48 specimens | class set | 1 per classroom | \$225.00 |
| 6 . | S Animals | Choice of hamsters, lab mice, Guinea pigs | | \$25.00 |
| 7 . | S Antacid tablets | Box of 36 | Box | \$21.16 |
| 8 . | S Aprons, rubberized | medium duty | 24 | \$257.28 |
| 9 . | S Balls | hard rubber, steel, tennis, golf, foam | 1 set/2 students | \$50.00 |
| 10 . | S Barometer | | 1 per classroom | \$12.00 |
| 11 . | S Batteries | D size | 3 boxes of 8 | \$24.00 |
| 12 . | S Batteries | C size | 3 boxes of 8 | \$24.00 |
| 13 . | S Batteries | AA size | 3 boxes of 8 | \$24.00 |
| 14 . | S Batteries | AAA size | 6 | \$24.00 |
| 15 . | S Batteries | 9 volt | 3 boxes | \$24.00 |
| 16 . | S Beaker sets, plastic | 1000mL, 500 mL, 250 ml, 100 mL, 50 mL | 1 set/4 students | \$86.80 |
| 17 . | S Beaker tongs | | 1 per 2 students | \$40.00 |
| 18 . | S Bicycle pump | | 1 per 6 students | \$64.75 |
| 19 . | S Chart, metric wall | | 1 per classroom | \$9.50 |
| 20 . | S Chart, weather | | 1 per classroom | \$44.00 |
| 21 . | S Clamps-test tube | | 1 per 2 students | \$25.00 |
| 22 . | S Compasses, drawing | | 1 per 2 students | \$30.00 |
| 23 . | S Congo red | Indicator | 100 ml | \$4.25 |
| 24 . | S Corks | assorted sizes | 1 set | \$10.00 |
| 25 . | S Cotton balls | | 2 bags | \$3.90 |
| 26 . | S Cotton swabs | | 2 yards | \$3.95 |
| 27 . | S Counter brush | Stiff bristles for cleaning | 1 | \$8.00 |
| 28 . | S Cover slips/box of 100 | | 3 | \$10.00 |
| 29 . | S Distilled water | 1 gallow | Bottle | \$1.25 |

Science - Grade 4 Unattached Equipment List

| | | | | | | |
|----|---|---|--|---|---------------------|----------|
| 30 | . | S | Electric Circuits kit | | 1 | \$200.00 |
| 31 | . | S | Electrical outlet caps | For outlets not in use | 8 | \$4.00 |
| 32 | . | S | Electricity Kit | construct simple circuits | 1 per 4 students | \$154.95 |
| 33 | . | S | Eye protection goggles | ANSI Z87 or Z87.1 approved | 24 | \$76.80 |
| 34 | . | S | Fire extinguisher | ABC triclass | 1 | \$99.71 |
| 35 | . | S | First aid kit | Bandages, gauze, plastic box, OSHA compliant | 1 | \$66.50 |
| 36 | . | S | Flashlights | | 1 per 2 students | \$45.00 |
| 37 | . | S | Food coloring | Red, green, blue, yellow | 4 droppers | \$4.25 |
| 38 | . | S | Force and Motion Kit | | 1 per 4 students | \$174.65 |
| 39 | . | S | Glassware drain rack | | | \$50.00 |
| 40 | . | S | Gloves, polyethylene, disposable | package of 500 (use non-latex gloves for students who a | 1 | \$33.20 |
| 41 | . | S | Glue,school | 6 oz bottle | 20 | \$20.00 |
| 42 | . | S | Googles, safety | elementary | 28 | \$161.00 |
| 43 | . | S | Graduated cylinders set, plastic | 100 mL, 50 mL, 25 mL, 10 mL | 1 set/ 2 students | \$74.90 |
| 44 | . | S | Ground fault interrupter on electrical outlets | Located near faucets | 1 | \$11.33 |
| 45 | . | S | Hot plates | | 1 for teacher | \$19.85 |
| 46 | . | S | Hydrochloric acid | 1% molar solution | 500 ml | \$5.80 |
| 47 | . | S | Hydrogen peroxide | | 3% 473 ml | \$3.75 |
| 48 | . | S | Isopropyl alcohol | | 500 ml | \$5.50 |
| 49 | . | S | Kits correlated to frameworks | Foss, Gems, SEPUP, etc. | 1 kit per classroom | \$500.00 |
| 50 | . | S | Laboratory cart | | 1 | \$200.00 |
| 51 | . | S | Liquid measure kit | Plastic cups, containers, scoops, jars | 4 sets per classro | \$96.00 |
| 52 | . | S | Litmus paper | Hydrion AB ph Test Paper | 30 ft | \$13.50 |
| 53 | . | S | Magic Makers | | 2 packs of 6 | \$14.78 |
| 54 | . | S | Magnets, classroom kit | various magnets, compass, iron filings, etc. | 1 | \$69.00 |
| 55 | . | S | Magnifying glasses | | 1 per 2 students | \$49.00 |
| 56 | . | S | Mass sets | brass | 1 per 4 students | \$45.85 |
| 57 | . | S | Meter sticks | | 1 per student | \$100.08 |
| 58 | . | S | Methylene Blue | Stain 1% | 30 ml | \$7.50 |
| 59 | . | S | Microscope - elementary standard | | 1 per 2 students | \$497.70 |
| 60 | . | S | Microscope slides-plastic | disposable | 1000 | \$70.00 |
| 61 | . | S | Mineral identification sets | | 1 per 2 students | \$176.40 |

Science - Grade 4 Unattached Equipment List

| | | | | | | |
|----|---|---|--------------------------------------|--|----------------------|----------|
| 62 | . | S | Model, Sexless Moni Torso | 1/2 life size | 1 per classroom | \$134.00 |
| 63 | . | S | Modeling clay | set/variety of colors | 1 box per 2 students | \$55.30 |
| 64 | . | S | Ohaus school balance or equivalent | | 5 per classroom | \$133.50 |
| 65 | . | S | Petroleum jelly | 2.5 oz bottle | Bottle | \$16.45 |
| 66 | . | S | Phenolphthalein | Indicator 1% | 100 ml | \$5.80 |
| 67 | . | S | Plastic spoons | | 6 boxes of 50 | \$17.94 |
| 68 | . | S | Plastic zip bags | | 6 boxes of 20 | \$21.00 |
| 69 | . | S | Refrigerator | dorm size | 1 | \$80.00 |
| 70 | . | S | Rocket launchers for plastic bottles | | 1 per 6 students | \$139.75 |
| 71 | . | S | Rubber stoppers | assorted sizes | 1 bag | \$10.00 |
| 72 | . | S | Rubber tubing | | 50 ft | \$25.00 |
| 73 | . | S | Rulers | standard and metric units | 1 per student | \$15.00 |
| 74 | . | S | Safety Rules (teacher made) | located in lab area | 1 | \$0.00 |
| 75 | . | S | Sand | | 1 bag | \$5.00 |
| 76 | . | S | Scissors | class set | 1 per student | \$50.00 |
| 77 | . | S | Soda Straws | | 4 boxes | \$12.80 |
| 78 | . | S | Sugar | 5 lbs | Sack | \$4.75 |
| 79 | . | S | Surgical gloves/boxes of 100 | latex, or vinyl | 5 boxes | \$15.00 |
| 80 | . | S | Tape measures, set of 10 | metric on one side, standard on the other | 1 per 2 students | \$19.90 |
| 81 | . | S | Terrarium and accessories | glass , hood, lights, gravel, soil, dishes | 2 | \$99.90 |
| 82 | . | S | Terrarium, plants | | 1 | \$14.95 |
| 83 | . | S | Thermometers | °C and °F dual | 10 | \$26.50 |
| 84 | . | S | Vinegar | 1 Liter | Liter | \$4.99 |
| 85 | . | S | Wax marking pencils | | 1 dozen | \$7.39 |
| 86 | . | S | Weather vane | | 1 per classroom | \$12.00 |
| 87 | . | S | Wire | Copper insulated, 100 ft. | 3 rolls | \$15.00 |

S = Specialized

Total \$5,362.20

Science - Grades 5-8 Site Equipment List

Facilities/Attached Equipment

Equipment that is shared by all teachers and stored in the teacher workroom, media center, or office.

| Item | | Object/Device | Example(s) | Number per Students/School | Approximate Cost |
|--|---|---------------------------------------|--|----------------------------|--------------------|
| 1 | . | A Photocopier | 45cpm, networked, RADF | 1 per 200 students | \$10,000.00 |
| 2 | . | A Digital Cameras | 5 megapixel or greater | 5 per school | \$1,500.00 |
| 3 | . | A Digital Video Cameras | 2.5" LCD screen | 5 per school | \$2,500.00 |
| 4 | . | A Student Computer Lab Setting | 27 computer station lab with digital projection system | 1 per school | \$30,000.00 |
| 5 | . | A Overhead Projector | 2700 lumens 10.5" * 10.5 " | 2 per school | \$564.00 |
| 6 | . | A Document Projector | Elmo or equivalent | 3 per school | \$1,875.00 |
| 7 | . | A Recording Device(s) | CD, Tape Player/Recorder | 3 per school | \$168.00 |
| 8 | . | A Laminator | Roll-type | 1 per school | \$875.00 |
| 9 | . | A Paper Cutter | 18" stainless steel blade, manual | 1 per 300 | \$165.00 |
| 10 | . | A Ellison Cutter or equivalent | Starter set (machine and dies) | 1 | \$1,500.00 |
| A = All (Available in the school) | | | | Total | \$49,147.00 |

Science Grade 5 Unattached Equipment List

Facilities/Attached Equipment

| Item | Item Name | Specifications & Descriptions | Number per Classroom | Approximate Cost |
|--------------------|---|---|----------------------|--------------------|
| 1 . | R Teacher Desk | | 1 | \$400.00 |
| 2 . | R Teacher Chair | | 1 | \$130.00 |
| 3 . | R Student Table | Science table - chemical resistant 24" * 48" | 15 | \$4,095.00 |
| 4 . | R Student Chairs | | 30 | \$644.00 |
| 5 . | R Storage Cabinet | 46" * 24" * 78" lockable doors, adjustable shelf | 2 | \$740.00 |
| 6 . | R Filing Cabinet(s) | 2-drawer 30" * 18" * 26" | 2 | \$358.00 |
| 7 . | R Bookshelves | 36" * 18" * 42" | 2 | \$250.00 |
| 8 . | R Tables | 48" * 72" activity table | 1 | \$200.00 |
| 9 . | R Desktop Computer w/ Printer (teacher) | | 1 | \$2,500.00 |
| 10 . | R Dry Erase Board | 5' * 8' metal frame, magnetic | 1 | \$419.00 |
| 11 . | R Integrated, interactive digital presentation system | Laptop, Interactive WhiteBoard, Projector | 1 | \$4,500.00 |
| 12 . | R DVD/DVR Player | player/recorder | 1 | \$179.00 |
| 13 . | R TV/Monitor | 32" or greater flat panel LCD | 1 | \$800.00 |
| 14 . | R TI-15 or equivalent | Calculators | 12 | \$240.00 |
| 15 . | R Wireless enabled classroom | | | \$50.00 |
| 16 . | R Storage lab prep room (1 for 5-8) | purge fan,4 airchages per hour to the outside air | | \$0.00 |
| R = Regular | | | Total | \$15,505.00 |

Science Grade 5 Unattached Equipment List

Unattached Specialized Equipment

| Item | Item Name | Specifications & Descriptions | Number per Classroom | Approximate Cost | Shared Cost | |
|------|-----------|-------------------------------|---|------------------|-------------|----------|
| 1 . | S | Absorbent, super sorb | spill treatment 20 lb/bucket | 1 | \$21.10 | \$21.10 |
| 2 . | S | Animal cages | Plastic, 15L capacity | 4 | \$71.80 | |
| 3 . | S | Animal habitat units | glass terrarium, bulbs, gravel, food and water dish | 2 | \$117.90 | |
| 4 . | S | Antacid tablets | Box of 36 | 4 boxes | \$5.29 | |
| 5 . | S | Aprons, rubberized | medium duty | 24 | \$257.28 | \$10.72 |
| 6 . | S | Aquarium with accessories | 10 gal., gravel, filter, lights | 2 | \$125.00 | |
| 7 . | S | Balances | Electronic, 0.1 g sensitivity | 1 | \$117.33 | \$117.33 |
| 8 . | S | Balances, triple beam | student grade | 7 | \$699.93 | \$699.93 |
| 9 . | S | Balloons | 3 assorted bags | 3 | \$7.50 | |
| 10 . | S | Balls, set | set of 12, steel, wood, cork, brass, aluminum, lead | 4 | \$191.80 | \$191.80 |
| 11 . | S | Batteries, 9 v. | pkg. 6 | 2 | \$8.00 | |
| 12 . | S | Batteries,AA | 3 boxes of 8 | 3 | \$24.00 | |
| 13 . | S | Batteries,AAA | 3 boxes of 8 | 3 | \$24.00 | |
| 14 . | S | Batteries,C cell | 3 boxes of 8 | 3 | \$24.00 | |
| 15 . | S | Batteries,D cell | 8 pack , alkaline | 4 | \$32.00 | |
| 16 . | S | Beaker set | Plastic, 100 mL, 500mL, 250 mL, 100 mL, 50 mL | 7 | \$86.80 | \$86.80 |
| 17 . | S | Binoculars | 6 X 16 mag. | 7 | \$244.65 | |
| 18 . | S | Bromothymol blue | Indicator | 100 ml | \$2.75 | |
| 19 . | S | Brushes, test tube | set/12 | 1 | \$18.00 | \$18.00 |
| 20 . | S | Brushes,beaker | | 5 | \$20.00 | \$20.00 |
| 21 . | S | Butane gas lighter | refillable | 5 | \$22.50 | \$22.50 |
| 22 . | S | Butane gas lighter, canisters | refills | 5 | \$21.25 | |
| 23 . | S | Capillary tubes | box of 100 | 2 | \$17.90 | |
| 24 . | S | Cell model, animal | plastic, 23 cm x 18 cm x 18 cm | 1 | \$60.50 | |
| 25 . | S | Cell model, plant | 20 cm diameter | 1 | \$60.50 | |
| 26 . | S | Cellophane, blue | 25 ft. roll | 1 | \$16.55 | |
| 27 . | S | Cellophane, green | 25 ft. roll | 1 | \$16.55 | |
| 28 . | S | Cellophane, red | 25 ft. roll | 1 | \$16.55 | |
| 29 . | S | Cheesecloth | 4 sq. meters | 1 | \$4.95 | |

Science Grade 5 Unattached Equipment List

| | | | | | | | |
|----|---|---|----------------------------------|---|------------|----------|----------|
| 30 | . | S | Chromotography kit | basic/ 30 students | 1 | \$59.95 | |
| 31 | . | S | Clamps, test tube | set of 6 | 5 | \$45.00 | \$45.00 |
| 32 | . | S | Compasses, drawing | attach to student pencil | 30 | \$45.00 | \$45.00 |
| 33 | . | S | Congo red | Indicator | 100 ml | \$4.25 | |
| 34 | . | S | Cork borer set | set of 6, used to take plant tissue samples | 2 | \$43.50 | |
| 35 | . | S | Corks | set of 100-assorted sizes | 1 | \$17.50 | \$17.50 |
| 36 | . | S | Counter brush | Stiff bristles for cleaning | 1 | \$8.00 | \$8.00 |
| 37 | . | S | Cover slips | 22 mm square - disposable plastic - 100/pkg. | 5 | \$17.25 | |
| 38 | . | S | Crucible and cover | 50 mL | 10 | \$25.00 | |
| 39 | . | S | Crystal growth kits | grow crystals using 4 different salts | 1 | \$39.95 | |
| 40 | . | S | Crystal violet | 1% solution | 100 ml | \$6.90 | |
| 41 | . | S | Culture dishes | Glass | 10 | \$89.50 | \$89.50 |
| 42 | . | S | Cups, styrofoam | 20 Oz. for growing plants/pkg. 20 | 8 | \$16.00 | |
| 43 | . | S | Dip nets | 41 x 30 cm aquatic net | 5 | \$129.75 | |
| 44 | . | S | Distilled water | 5 gallons | 5 | \$6.25 | |
| 45 | . | S | Distilled water | 1 gallon | 3 | \$3.75 | |
| 46 | . | S | Droppers | plastic, disposable, graduated, 1 mL/pkg. 500 | 2 | \$37.00 | |
| 47 | . | S | Electrical outlet caps | For outlets not in use | 8 | \$4.00 | \$0.50 |
| 48 | . | S | Elodea, live | used to view plant cells & photosynthesis/ 12 plants | 3 | \$16.35 | |
| 49 | . | S | Ethanol | Anhydrous, ethnlol | 500 ml | \$5.50 | |
| 50 | . | S | Eye protection goggles | ANSI Z87 or Z87.1 approved | 24 | \$76.80 | \$3.20 |
| 51 | . | S | Field guides/dichotomous keys | trees, birds, insects, etc. | 30 | \$480.00 | |
| 52 | . | S | Fire extinguisher | ABC triclass | 1 | \$99.71 | \$99.71 |
| 53 | . | S | First aid kit | Bandages, gauze, plastic box, OSHA compliant | 1 | \$66.50 | \$66.50 |
| 54 | . | S | Flashlights | plastic | 14 | \$42.00 | \$42.00 |
| 55 | . | S | Food coloring | Red, green, blue, yellow | 4 droppers | \$4.25 | |
| 56 | . | S | Fossils | assorted from different eras/set | 1 | \$39.95 | |
| 57 | . | S | Funnels | Polypropylene - 65 mm dia./set of 12 | 1 | \$21.00 | \$21.00 |
| 58 | . | S | Genecon hand-operator generator | converts mechanical to electrical energy | 1 | \$48.75 | |
| 59 | . | S | Gloves, latex /boxes of 100 | latex, or vinyl | 5 | \$49.75 | |
| 60 | . | S | Gloves, polyethylene, disposable | package of 500 (use non-latex gloves for students who a | 1 | \$33.20 | \$33.20 |
| 61 | . | S | Goggles, safety | | 28 | \$161.00 | \$161.00 |

Science Grade 5 Unattached Equipment List

| | | | | | | |
|----|---|--|---|-------------------|------------|------------|
| 62 | S | Graduated cylinder set, plastic | 100 mL, 50 mL, 25 mL, 10 mL | 14 | \$74.76 | \$74.76 |
| 63 | S | Gravel | 2.5 kg | 1 | \$4.40 | |
| 64 | S | Ground fault interrupter on electrical outlets | Located near faucets | 1 | \$11.33 | \$11.33 |
| 65 | S | Gyroscopes | | 14 | \$108.50 | |
| 66 | S | Hot plates | | 1 per 4 students | \$292.00 | \$292.00 |
| 67 | S | Hydrochloric acid | 1% molar solution | 500 ml | \$5.80 | |
| 68 | S | Hydrogen peroxide | 3% | 473 ml | \$3.75 | |
| 69 | S | Isopropyl alcohol | | 500 ml | \$5.50 | |
| 70 | S | Laboratory cart | | 1 | \$200.00 | \$200.00 |
| 71 | S | Lens- set | acrylic/set of 6 | 14 | \$181.30 | |
| 72 | S | Litmus paper | Hydrion AB ph Test Paper | Two rows of 30 ft | \$6.75 | |
| 73 | S | Magnets | set of assorted sizes | 14 | \$97.30 | |
| 74 | S | Magnifying glasses | | 14 | \$41.30 | \$41.30 |
| 75 | S | Mass sets | brass, set of 12, 1 g - 500 g | 4 | \$279.80 | \$279.80 |
| 76 | S | Meter sticks | | 15 | \$34.50 | \$34.50 |
| 77 | S | Methylene Blue | Stain 1% | 30 ml | \$7.50 | |
| 78 | S | Microscope maintenance kit | | 1 | \$75.00 | \$75.00 |
| 79 | S | Microscope slides | plastic, disposable pkg. of 144 | 5 | \$49.75 | |
| 80 | S | Microscope slides | shallow depression slides/set of 12 | 3 | \$24.75 | |
| 81 | S | Microscope,digital dissecting | ex. Flexcam | 1 | \$600.00 | \$600.00 |
| 82 | S | Microscopes, compound with light | 4x, 10x, 40 x lenses | 10 | \$1,950.00 | \$1,950.00 |
| 83 | S | Microscopes, stereo dissecting | | 4 | \$780.00 | \$780.00 |
| 84 | S | Microwave | | 1 | \$50.00 | \$50.00 |
| 85 | S | Modeling clay | set/variety of colors | 2 | \$33.90 | |
| 86 | S | Mortar and pestle set | | 15 | \$144.00 | \$144.00 |
| 87 | S | Petroleum jelly | 2.5 oz bottle | 5 | \$16.45 | |
| 88 | S | Petroleum jelly | 2.5 oz bottle | 5 bottles | \$3.29 | |
| 89 | S | Phenol red | Indicator 2% | 100 ml | \$4.15 | |
| 90 | S | Phenolphthalein | Indicator 1% | 100 ml | \$5.80 | |
| 91 | S | Plant growth cart,portable | metal frame with plastic trays and flourescent lights | 1 | \$737.75 | \$737.75 |
| 92 | S | Plant press | | 1 | \$37.95 | |
| 93 | S | Plants,live | representative set/ variety of plant types | 1 | \$78.95 | |

Science Grade 5 Unattached Equipment List

| | | | | | | |
|-----|---|-------------------------------|--|--------------------|----------|----------|
| 94 | S | Plastic tubing | 25 ft. | 1 | \$30.00 | \$30.00 |
| 95 | S | Potting soil | 20 lbs. | 1 | \$10.00 | |
| 96 | S | Prisms - set | acrylic/set of 3 | 7 | \$104.65 | |
| 97 | S | Protractors | plastic | 30 | \$30.00 | |
| 98 | S | PTC paper | Genetic test | ubes of 100 strips | \$1.56 | |
| 99 | S | Racks, test tube | polypropylene - all sizes | 10 | \$127.50 | \$127.50 |
| 100 | S | Refrigerator | dorm size | 1 | \$70.00 | \$70.00 |
| 101 | S | Rocks and minerals, intro set | set of 16 | 7 | \$164.50 | |
| 102 | S | Rubber stoppers | set of assorted sizes/2 lbs. | 1 | \$22.70 | \$22.70 |
| 103 | S | Rulers | Metric | 30 | \$30.00 | |
| 104 | S | Safety poster | located in lab area | 1 | \$60.75 | \$60.75 |
| 105 | S | Scissors | general purpose, paper based labs | 30 | \$60.00 | \$60.00 |
| 106 | S | Seeds | variety of flower and vegetable/individual packets | 10 | \$15.00 | |
| 107 | S | Simple machines kit | set of 5 discovery level kits | 3 | \$145.50 | |
| 108 | S | Stirring rods | glass, bundle of 50 | 1 | \$17.00 | \$17.00 |
| 109 | S | Stopwatch | | 15 | \$179.25 | \$179.25 |
| 110 | S | Straws | pkg of 100 | 3 | \$6.00 | |
| 111 | S | Sugar | 5 lbs | 1 | \$4.75 | |
| 112 | S | Tape measures, set of 10 | metric on one side, standard on the other | 1 | \$19.90 | \$19.90 |
| 113 | S | Terrarium and accessories | glass , hood, lights, gravel, soil, dishes | 2 | \$99.90 | |
| 114 | S | Test tubes | 20 x 150mm/ set of 72 | 1 | \$48.24 | \$48.24 |
| 115 | S | Thermometers | °C and °F dual | 15 | \$87.75 | \$87.75 |
| 116 | S | Tree ring counting set | stems from various trees | 7 | \$139.65 | |
| 117 | S | Vinegar | 1 Liter | Liter | \$4.99 | |
| 118 | S | Wax marking pencils | 1 dozen | 1 | \$7.39 | \$7.39 |
| 119 | S | Yeast, dry | type used in baking-pkg. of 3 | 10 | \$20.00 | |

S = Specialized

Total \$11,532.90 \$7,821.21

Shared

5-8

Shared Cost

Science - Grade 6 Unattached Equipment List

Facilities/Attached Equipment

| Item | Item Name | Specifications & Descriptions | Number per Classroom | Approximate Cost |
|------|---|---|----------------------|--------------------|
| 1 . | R Teacher Desk | | 1 | \$400.00 |
| 2 . | R Teacher Chair | | 1 | \$130.00 |
| 3 . | R Student Table | Science table - chemical resistant 24" * 48" | 15 | \$4,095.00 |
| 4 . | R Student Chairs | | 30 | \$644.00 |
| 5 . | R Storage Cabinet | 46" * 24" * 78" lockable doors, adjustable shelf | 2 | \$740.00 |
| 6 . | R Filing Cabinet(s) | 2-drawer 30" * 18" * 26" | 2 | \$358.00 |
| 7 . | R Bookshelves | 36" * 18" * 42" | 2 | \$250.00 |
| 8 . | R Tables | 48" * 72" activity table | 1 | \$200.00 |
| 9 . | R Desktop Computer w/ Printer (teacher) | | 1 | \$2,500.00 |
| 10 . | R Dry Erase Board | 5' * 8' metal frame, magnetic | 1 | \$419.00 |
| 11 . | R Integrated, interactive digital presentation system | Laptop, Interactive WhiteBoard, Projector | 1 | \$4,500.00 |
| 12 . | R DVD/DVR Player | player/recorder | 1 | \$179.00 |
| 13 . | R TV/Monitor | 32" or greater flat panel LCD | 1 | \$800.00 |
| 14 . | R Wireless enabled classroom | | | \$50.00 |
| 15 . | R TI-73 or equivalent | Calculators | 12 | \$1,080.00 |
| 16 . | R Wireless enabled classroom | | | \$50.00 |
| 17 . | R Storage lab prep room (1 for 5-8) | purge fan,4 airchages per hour to the outside air | | \$0.00 |
| | | | Total | \$16,395.00 |

R = Regular

Science - Grade 6 Unattached Equipment List

Unattached Specialized Equipment

| Item | Item Name | Specifications & Descriptions | Number per Classroom | Approximate Cost | Shared Cost | |
|------|-----------|-------------------------------|---|------------------|-------------|----------|
| 1 . | S | AC/DC power supply | | 1 | \$125.00 | \$125.00 |
| 2 . | S | Antacid tablets | Box of 36 | 4 boxes | \$5.29 | \$5.29 |
| 3 . | S | Balances, triple beam | student grade | 7 | \$699.93 | \$699.93 |
| 4 . | S | Balances,electronic | 0.1 g sensitivity | 1 | \$117.33 | \$117.33 |
| 5 . | S | Balloons | 3 assorted bags | | \$7.50 | |
| 6 . | S | Balls, set | set of 12, steel, wood, cork, brass, aluminum, lead | 4 | \$191.80 | \$191.80 |
| 7 . | S | Batteries,9V | pkg.6 | | \$24.00 | |
| 8 . | S | Batteries,AAA | 3 boxes of 8 | | \$24.00 | |
| 9 . | S | Batteries,C | 3 boxes of 8 | | \$24.00 | |
| 10 . | S | Batteries,D cell | 8 pack , alkaline | 2 | \$15.94 | |
| 11 . | S | BatteriesAA | 3 boxes of 8 | | \$24.00 | |
| 12 . | S | Beaker set, plastic | 100 mL, 500mL, 250 mL, 100 mL, 50 mL | 7 | \$86.80 | \$86.80 |
| 13 . | S | Blocks, friction | set of blocks with varying surfaces | 7 | \$95.55 | \$95.55 |
| 14 . | S | Bromothymol blue | Indicator | 100 ml | \$2.75 | \$2.75 |
| 15 . | S | Brushes, flask | set /12 | 1 | \$46.80 | \$46.80 |
| 16 . | S | Brushes, test tube | set/12 | 1 | \$18.00 | \$18.00 |
| 17 . | S | Brushes,beaker | | 5 | \$20.00 | \$20.00 |
| 18 . | S | Butane gas lighter | refillable | 5 | \$22.50 | \$22.50 |
| 19 . | S | Butane gas lighter, canisters | refills | 5 | \$21.25 | \$21.25 |
| 20 . | S | Calorimeter | student, double-walled | 7 | \$58.45 | \$58.45 |
| 21 . | S | Candles | 8 boxes | | \$12.16 | |
| 22 . | S | Cheesecloth | 4 sq. meters | 1 | \$4.95 | |
| 23 . | S | Clamps, test tube | set of 6 | 5 | \$45.00 | \$45.00 |
| 24 . | S | Congo red | Indicator | 100 ml | \$4.25 | \$4.25 |
| 25 . | S | Corks | set of 100-assorted sizes | 1 | \$17.50 | \$17.50 |
| 26 . | S | Corn syrup | 24 oz. bottle | 4 | \$9.16 | \$9.16 |
| 27 . | S | Cow, eye | pail of 50 | 1 | \$75.00 | |

Science - Grade 6 Unattached Equipment List

| | | | | | | | | |
|----|---|---|----------------------------------|---|-------------------|----|----------|----------|
| 28 | . | S | Crystal violet | 1% solution | 100 ml | | \$6.90 | \$6.90 |
| 29 | . | S | Cups, styrofoam | 20 Oz. for growing plants/pkg. 20 | | 8 | \$16.00 | |
| 30 | . | S | Dissection kits | Ruler, scalpel, scissors, forceps, probes/needles | | 15 | \$179.25 | \$179.25 |
| 31 | . | S | Dissection trays | Sturdy plastic pan with lid - reusable | | 10 | \$142.50 | \$142.50 |
| 32 | . | S | Dissection- virtual lab | virtual dissection software | | 1 | \$300.00 | \$300.00 |
| 33 | . | S | Distilled water | 5 gallons | | 5 | \$6.25 | |
| 34 | . | S | Distilled water | 1 gallon | | 3 | \$3.75 | \$3.75 |
| 35 | . | S | Droppers | plastic, disposable, graduated, 1 mL/pkg. 500 | | 2 | \$37.00 | \$37.00 |
| 36 | . | S | Electrostatic cloths | silk, wool, fur - set | | 1 | \$19.95 | \$19.95 |
| 37 | . | S | Electrostatic generator | | | 1 | \$121.25 | \$121.25 |
| 38 | . | S | Ethanol | Anhydrous, ethnl | 500 ml | | \$5.50 | \$5.50 |
| 39 | . | S | Fishing line | 2 rolls of 50 ft | | | \$6.00 | |
| 40 | . | S | Flashlights | plastic | | 14 | \$42.00 | \$42.00 |
| 41 | . | S | Food coloring | Red, green, blue, yellow | 4 droppers | | \$4.25 | \$4.25 |
| 42 | . | S | Funnels | Polypropylene - 65 mm dia./set of 12 | | 1 | \$21.00 | \$21.00 |
| 43 | . | S | Gloves, latex /boxes of 100 | latex, or vinyl | | 5 | \$49.75 | |
| 44 | . | S | Glue | 6 oz bottles | | 6 | \$7.50 | |
| 45 | . | S | Googles, safety | | | 28 | \$161.00 | |
| 46 | . | S | Graduated cylinder set, plastic | 100 mL, 50 mL, 25 mL, 10 mL | | 14 | \$74.76 | \$74.76 |
| 47 | . | S | Heart, lungs, and trachea, sheep | "Sheep pluck" - attached organs | | 10 | \$79.50 | |
| 48 | . | S | Hot plates | | 1 per 4 students | | \$292.00 | \$292.00 |
| 49 | . | S | Hydrochloric acid | 1% molar solution | 500 ml | | \$5.80 | |
| 50 | . | S | Hydrogen peroxide | 3% | 473 ml | | \$3.75 | \$3.75 |
| 51 | . | S | Indicator bottles | plastic -30 mL/ pkg. 12 | | 2 | \$35.90 | \$35.90 |
| 52 | . | S | Inertia appartus | height 18 cm | | 1 | \$16.95 | |
| 53 | . | S | Isopropyl alcohol | | 500 ml | | \$5.50 | \$5.50 |
| 54 | . | S | Laboratory cart | Stainless steel, on casters | | 1 | \$200.00 | |
| 55 | . | S | Lens cleaning paper | 10 x 15 cm pkg of 50 | | 10 | \$9.90 | |
| 56 | . | S | Lens cleaning solution | 100 mL | | 2 | \$10.80 | |
| 57 | . | S | Litmus paper | Hydrion AB ph Test Paper, 30' | | 2 | \$13.50 | |
| 58 | . | S | Litmus paper | Hydrion AB ph Test Paper | Two rows of 30 ft | | \$6.75 | \$6.75 |
| 59 | . | S | Magic markers | 2 packs of 6 | | | \$14.78 | |

Science - Grade 6 Unattached Equipment List

| | | | | | | | | |
|----|---|---|--------------------------------|--|-------------------|----|----------|----------|
| 60 | . | S | Magnifying glasses | | | 14 | \$41.30 | |
| 61 | . | S | Mass sets | brass, set of 12, 1 g - 500 g | | 4 | \$279.80 | \$279.80 |
| 62 | . | S | Mass sets, all have equal mass | set of copper, copper, brass, steel cubes | | 7 | \$66.50 | |
| 63 | . | S | Meter sticks | wooden | | 15 | \$34.50 | \$34.50 |
| 64 | . | S | Methylene blue | Stain 1%, 30mL | | 1 | \$7.50 | |
| 65 | . | S | Methylene Blue | Stain 1% | 30 ml | | \$7.50 | \$7.50 |
| 66 | . | S | Microscope maintenance kit | | | 1 | \$75.00 | \$75.00 |
| 67 | . | S | Microscopes, dissecting | inbase, incandescent illumination, 48 mm x 40x | | 4 | \$780.00 | |
| 68 | . | S | Microwave | | | 1 | \$50.00 | \$50.00 |
| 69 | . | S | Model, flower | plastic, 40 cm x 64 cm | | 1 | \$67.50 | \$67.50 |
| 70 | . | S | Model, human skeleton | Adult size | | 1 | \$300.00 | \$300.00 |
| 71 | . | S | model, human torso | plastic, life size | | 1 | \$649.00 | \$649.00 |
| 72 | . | S | modeling clay | set/variety of colors | | 2 | \$33.90 | |
| 73 | . | S | Mortar and pestle set | | | 15 | \$144.00 | \$144.00 |
| 74 | . | S | Paper clips | box of 150 | | | \$2.50 | |
| 75 | . | S | Petroleum jelly | 2.5 oz bottle | 5 bottles | | \$3.29 | |
| 76 | . | S | Phenol red | Indicator 2% | 100 ml | | \$4.15 | \$4.15 |
| 77 | . | S | Phenolphthalein | Indicator 1% | 100 ml | | \$5.80 | \$5.80 |
| 78 | . | S | Pipe cleaners | 2 boxes | | | \$4.00 | |
| 79 | . | S | Plants, live | representative set/ variety of plant types | | 1 | \$78.95 | |
| 80 | . | S | Plastic spoons | 6 boxes of 50 | | | \$17.94 | |
| 81 | . | S | Plastic tubing | 25 ft. | | 1 | \$30.00 | \$30.00 |
| 82 | . | S | Plastic zip bags | 6 boxes of 20 | | | \$21.00 | |
| 83 | . | S | Protractors | plastic | | 30 | \$30.00 | \$30.00 |
| 84 | . | S | PTC paper | Genetic test | Three tubes of 10 | | \$1.56 | \$1.56 |
| 85 | . | S | Racks, test tube | polypropylene - all sizes | | 10 | \$127.50 | \$127.50 |
| 86 | . | S | Refrigerator | dorm size | | 1 | \$70.00 | \$70.00 |
| 87 | . | S | Rocket launchers | launch plastic bottles | | 14 | \$237.30 | \$237.30 |
| 88 | . | S | Rubber stoppers | set of assorted sizes/2 lbs. | | 1 | \$22.70 | \$22.70 |
| 89 | . | S | Rulers | metric | | 30 | \$30.00 | \$30.00 |
| 90 | . | S | Sand | 1 bag | | | \$5.00 | |
| 91 | . | S | Scissors | general purpose, paper based labs | | 30 | \$60.00 | \$60.00 |

Science - Grade 6 Unattached Equipment List

| | | | | | | | | |
|-----|---|---|--------------------------|---|------------------|----|----------|----------|
| 92 | . | S | Soda straws | 4 boxes | | | \$12.80 | |
| 93 | . | S | Spring scale, pull type | capacity: 1000g/10 newtons | 1 per 2 students | | \$90.75 | \$90.75 |
| 94 | . | S | Steel wool | 1 box | | | \$6.50 | |
| 95 | . | S | Stirring rods | glass, bundle of 50 | | 1 | \$17.00 | \$17.00 |
| 96 | . | S | Stopwatch | | | 15 | \$179.25 | \$179.25 |
| 97 | . | S | Sugar | 5 lbs | | 1 | \$4.75 | |
| 98 | . | S | Tape measures, set of 10 | metric on one side, standard on the other | 1 per 2 students | | \$19.90 | \$19.90 |
| 99 | . | S | Test tubes | 20 x 150mm/ set of 72 | | 1 | \$48.24 | |
| 100 | . | S | Thermometers | °C and °F dual | | 15 | \$87.75 | \$87.75 |
| 101 | . | S | Toothpicks | 6 boxes | | | \$5.82 | |
| 102 | . | S | Vegetable oil | 48 oz bottle | | 2 | \$5.00 | \$5.00 |
| 103 | . | S | Vinegar | 1 Liter | Liter | | \$4.99 | \$4.99 |
| 104 | . | S | Washers | 2 bags of 100 | | | \$13.00 | \$13.00 |
| 105 | . | S | Wax marking pencils | 1 dozen | | | \$7.39 | \$7.39 |
| 106 | . | S | Wire, Copper | 3 rolls | | | \$15.00 | \$15.00 |
| 107 | . | S | Yarn | 3 rolls | | | \$6.51 | |
| 108 | . | S | Yeast | Type used for baking/pkg. of 3 | | 10 | \$20.00 | |

S = Specialized

Total \$7,531.49 \$5,555.71

Shared

5-8

Shared Cost \$1,975.78

Science- Grade 7 Unattached Equipment List

Facilities/Attached Equipment

| Item | Item Name | Specifications & Descriptions | Number per Classroom | Approximate Cost |
|--------------------|---|---|----------------------|--------------------|
| 1 . | R Teacher Desk | | 1 | \$400.00 |
| 2 . | R Teacher Chair | | 1 | \$130.00 |
| 3 . | R Student Table | Science table - chemical resistant 24" * 48" | 15 | \$4,095.00 |
| 4 . | R Student Chairs | | 30 | \$690.00 |
| 5 . | R Storage Cabinet | 46" * 24" * 78" lockable doors, adjustable shelf | 2 | \$740.00 |
| 6 . | R Filing Cabinet(s) | 2-drawer 30" * 18" * 26" | 2 | \$358.00 |
| 7 . | R Bookshelves | 36" * 18" * 42" | 2 | \$250.00 |
| 8 . | R Tables | 48" * 72" activity table | 1 | \$200.00 |
| 9 . | R Desktop Computer w/ Printer (teacher) | | 1 | \$2,500.00 |
| 10 . | R Dry Erase Board | 5' * 8' metal frame, magnetic | 1 | \$419.00 |
| 11 . | R Integrated, interactive digital presentation system | Laptop, Interactive WhiteBoard, Projector | 1 | \$4,500.00 |
| 12 . | R DVD/DVR Player | player/recorder | 1 | \$179.00 |
| 13 . | R TV/Monitor | 32" or greater flat panel LCD | 1 | \$800.00 |
| 14 . | R Wireless enabled classroom | | | \$50.00 |
| 15 . | R TI-73 or equivalent | Calculators | 28 | \$2,520.00 |
| 16 . | R Eye protection goggles | ANSI Z87 or Z87.1 approved | 24 | \$76.80 |
| 17 . | R Eye wash station | continuous flow, ANSI Z358.1-1998 | 1 | \$141.75 |
| 18 . | R Demonstration table | Service - water, electricity and gas | 1 | \$1,500.00 |
| 148 . | R Storage lab prep room (1 for 5-8) | purge fan,4 airchages per hour to the outside air | | \$0.00 |
| R = Regular | | | Total | \$19,549.55 |

Science- Grade 7 Unattached Equipment List

Unattached Specialized Equipment

| Item | Item Name | Specifications & Descriptions | Number per Classroom | Approximate Cost | Shared Cost | |
|------|-----------|-------------------------------|---|------------------|-------------|----------|
| 1 . | S | Absorbent, super sorb | spill treatment 20 lb/bucket | 1 | \$21.10 | \$21.10 |
| 2 . | S | AC/DC power supply | | 1 | \$125.00 | \$125.00 |
| 3 . | S | Animal habitat units | glass terrarium, bulbs, gravel, food and water dish | 2 | \$117.90 | |
| 4 . | S | Animals | Choice of hamsters, lab mice, Guinea pigs | | \$25.00 | |
| 5 . | S | Antacid tablets | Box of 36 | 4 boxes | \$5.29 | \$5.29 |
| 6 . | S | Aprons, rubberized | medium duty | 24 | \$257.28 | |
| 7 . | S | Aquarium with accessories | 10 gal., gravel, filter, lights | 2 | \$125.00 | |
| 8 . | S | Atmosphere, wall poster | | 1 | \$21.50 | |
| 9 . | S | Balances, Triple Beam | student grade | 7 | \$699.93 | \$699.93 |
| 10 . | S | Balances,Electronic | 0.1 g sensitivity | 1 | \$117.33 | \$117.33 |
| 11 . | S | Balls, set | set of 12, steel, wood, cork, brass, aluminum, lead | 4 | \$191.80 | \$191.80 |
| 12 . | S | Batteries | D size | 3 boxes of 8 | \$24.00 | |
| 13 . | S | Batteries | C size | 3 boxes of 8 | \$24.00 | |
| 14 . | S | Batteries | AA size | 3 boxes of 8 | \$24.00 | |
| 15 . | S | Batteries | AAA size | 6 | \$24.00 | |
| 16 . | S | Batteries | 9 volt | 3 boxes | \$24.00 | |
| 17 . | S | Beaker set, plastic | 100 mL, 500mL, 250 mL, 100 mL, 50 mL | 7 | \$86.80 | \$86.80 |
| 18 . | S | Beaker tongs | | 1 per 2 students | \$40.00 | \$40.00 |
| 19 . | S | Blocks, friction | set of blocks with varying surfaces | 7 | \$95.55 | \$95.55 |
| 20 . | S | Bromothymol blue | Indicator | 100 ml | \$2.75 | \$2.75 |
| 21 . | S | brushes, flask | set /12 | 1 | \$46.80 | \$46.80 |
| 22 . | S | brushes, test tube | set/12 | 1 | \$18.00 | \$18.00 |
| 23 . | S | brushes,beaker | | 10 | \$40.00 | \$40.00 |
| 24 . | S | Butane gas lighter | refillable | 5 | \$22.50 | \$22.50 |
| 25 . | S | Butane gas lighter, canisters | refills | 5 | \$21.25 | \$21.25 |
| 26 . | S | calorimeter | student, double-walled | 7 | \$58.45 | \$58.45 |
| 27 . | S | Candles | 8 boxes | | \$12.16 | |

Science- Grade 7 Unattached Equipment List

| | | | | | | |
|------|---|---------------------------------------|---|------------------|----------|----------|
| 28 . | S | Chart, animals | Museum of life posters | set of 9 | \$169.95 | |
| 29 . | S | Chart, botany | | 1 per classroom | \$18.95 | |
| 30 . | S | Chart, metric wall | | 1 per classroom | \$9.50 | |
| 31 . | S | Chart, periodic table | | 1 per classroom | \$39.95 | |
| 32 . | S | Cheesecloth | 4 sq. meters | 1 | \$4.95 | |
| 33 . | S | Chemical absorbing/disposal container | | 1 | \$72.00 | |
| 34 . | S | Clamps, test tube | | 1 per 2 students | \$25.00 | \$25.00 |
| 35 . | S | Climate, wall poster | global climate information | 1 | \$21.50 | |
| 36 . | S | Compasses, drawing | | 1 per 2 students | \$30.00 | \$30.00 |
| 37 . | S | Congo red | Indicator | 100 ml | \$4.25 | \$4.25 |
| 38 . | S | Corks | set of 100-assorted sizes | 1 | \$17.50 | \$17.50 |
| 39 . | S | Corn syrup | 24 oz. bottle | 4 | \$9.16 | |
| 40 . | S | Counter brush | Stiff bristles for cleaning | 1 | \$8.00 | |
| 41 . | S | Cover slips/box of 100 | | 3 | \$10.00 | |
| 42 . | S | Cow, eye | pail of 50 | 1 | \$75.00 | |
| 43 . | S | Crystal violet | 1% solution | 100 ml | \$6.90 | \$6.90 |
| 44 . | S | Demonstration shield | Plexa glass | 1 | \$343.00 | \$343.00 |
| 45 . | S | Digital dissecting microscope | ex. Flexcam, Motic | 1 | \$600.00 | \$600.00 |
| 46 . | S | Dissection kits | Ruler, scalpel, scissors, forceps, probes/needles | 15 | \$179.25 | \$179.25 |
| 47 . | S | Dissection trays | Sturdy plastic pan with lid - reusable | 10 | \$142.50 | \$142.50 |
| 48 . | S | Dissection- virtual lab | virtual dissection software or web subscription | 1 | \$300.00 | \$300.00 |
| 49 . | S | Distilled water | 5 gallons | 5 | \$6.25 | |
| 50 . | S | Droppers | plastic, disposable, graduated, 1 mL/pkg. 500 | 2 | \$37.00 | \$37.00 |
| 51 . | S | Electrical outlet caps | For outlets not in use | 8 | \$4.00 | |
| 52 . | S | Electrostatic cloths | silk, wool, fur - set | 1 | \$19.95 | |
| 53 . | S | Electrostatic generator | | 1 | \$121.25 | |
| 54 . | S | Ethanol | Anhydrous, ethnl | 500 ml | \$5.50 | \$5.50 |
| 55 . | S | Eye protection goggles | ANSI Z87 or Z87.1 approved | 24 | \$76.80 | |
| 56 . | S | Eye wash station | continuous flow, ANSI Z358.1-1998 | 1 | \$141.75 | |
| 57 . | S | Fire blanket(s) | Wall mounted in lab area | 2 | \$103.70 | |
| 58 . | S | Fire extinguisher | ABC triclass | 1 | \$99.71 | |
| 59 . | S | First aid kit | Bandages, gauze, plastic box, OSHA compliant | 1 | \$66.50 | |

Science- Grade 7 Unattached Equipment List

| | | | | | | | |
|----|---|---|--|---|-------------------|----------|----------|
| 60 | . | S | Flashlights | plastic | 14 | \$42.00 | \$42.00 |
| 61 | . | S | Food coloring | Red, green, blue, yellow | 4 droppers | \$4.25 | \$4.25 |
| 62 | . | S | Funnels | 6 - assorted sizes | | \$20.00 | \$20.00 |
| 63 | . | S | Funnels | Polypropylene - 65 mm dia./set of 12 | 1 | \$21.00 | \$21.00 |
| 64 | . | S | Glassware drain rack | | | \$50.00 | \$50.00 |
| 65 | . | S | Gloves, latex /boxes of 100 | latex, or vinyl | 5 | \$49.75 | |
| 66 | . | S | Gloves, polyethylene, disposable | package of 500 (use non-latex gloves for students who a | 1 | \$33.20 | |
| 67 | . | S | Glue | | 6 tubes | \$19.20 | |
| 68 | . | S | Googles, safety | | 28 | \$161.00 | |
| 69 | . | S | Graduated Cylinder set, plastic | 100 mL, 50 mL, 25 mL, 10 mL | 14 | \$74.76 | \$74.76 |
| 70 | . | S | Gram's iodine | Staining solution | 100 ml | \$4.95 | |
| 71 | . | S | Ground fault interrupter on electrical outlets | Located near faucets | 12 | \$135.96 | |
| 72 | . | S | Hazardous materials containment unit | 100/pkgd | 1pkg | \$41.50 | |
| 73 | . | S | Hearts, pig | with aorta, set of 10 | 1 | \$44.00 | |
| 74 | . | S | Hot Plates | | 1 per 4 students | \$292.00 | \$292.00 |
| 75 | . | S | Hydrochloric acid | 1% molar solution | 500 ml | \$5.80 | \$5.80 |
| 76 | . | S | Indicator bottles | plastic -30 mL/ pkg. 12 | 2 | \$35.90 | \$35.90 |
| 77 | . | S | Inertia appartus | height 18 cm | 1 | \$16.95 | |
| 78 | . | S | Inertia device | | 1 | \$20.00 | |
| 79 | . | S | Isopropyl alcohol | | 500 ml | \$5.50 | \$5.50 |
| 80 | . | S | Laboratory cart | | 1 | \$200.00 | \$200.00 |
| 81 | . | S | Litmus paper | Hydrion AB ph Test Paper | Two rows of 30 ft | \$6.75 | \$6.75 |
| 82 | . | S | Magic Markers | 2 packs of 6 | | \$14.78 | |
| 83 | . | S | Mass sets | brass, set of 12, 1 g - 500 g | 4 | \$279.80 | \$279.80 |
| 84 | . | S | Matches, wooden | 1 box | | \$2.89 | |
| 85 | . | S | Meter sticks | wooden | 15 | \$34.50 | \$34.50 |
| 86 | . | S | Methylene Blue | Stain 1% | 30 ml | \$7.50 | \$7.50 |
| 87 | . | S | Microscope slides-plastic | disposable | 1000 | \$70.00 | |
| 88 | . | S | Microscopes, stereo dissecting | inbase, incandescent illumination, 48 mm x 40x | 4 | \$780.00 | \$780.00 |
| 89 | . | S | Microwave | | 1 | \$50.00 | \$50.00 |
| 90 | . | S | Mineral identification sets | | 1 per 2 students | \$400.00 | |
| 91 | . | S | Model, flower | plastic, 40 cm x 64 cm | 1 | \$67.50 | |

Science- Grade 7 Unattached Equipment List

| | | | | | | |
|-----|---|----------------------------|---|--------------------|----------|----------|
| 92 | S | Model, Human Skeleton | Adult size | 1 | \$300.00 | |
| 93 | S | model, Human torso | plastic, life size | 1 | \$649.00 | |
| 94 | S | modeling clay | set/variety of colors | 2 | \$33.90 | |
| 95 | S | Mortar and pestle set | | 15 | \$144.00 | |
| 96 | S | MSDS computer CD | Safety information on 1000 chemicals | 1 | \$199.00 | \$199.00 |
| 97 | S | Nitric acid | .5% molar solution | 500 ml | \$6.50 | |
| 98 | S | Petroleum jelly | 2.5 oz bottle | 5 bottles | \$3.29 | |
| 99 | S | pH meters | | 1 per classroom | \$77.75 | \$77.75 |
| 100 | S | pH paper | Vial of 100 | 2 per classroom | \$2.30 | |
| 101 | S | Phenol red | Indicator 2% | 100 ml | \$4.15 | \$4.15 |
| 102 | S | Phenolphthalein | Indicator 1% | 100 ml | \$5.80 | \$5.80 |
| 103 | S | Pipe Cleaners | 2 boxes | | \$4.00 | |
| 104 | S | Plant growth cart,portable | metal frame with plastic trays and flourescent lights | 1 | \$737.75 | |
| 105 | S | Plant seeds | | 5 small seed bags | \$4.50 | |
| 106 | S | Plant, large pots | | 6 | \$23.94 | |
| 107 | S | Plant, starting pots | | 3 trays | \$9.00 | |
| 108 | S | Plastic spoons | 6 boxes of 50 | 6 boxes | \$17.94 | |
| 109 | S | Plastic tubing | 25 ft. | 1 | \$30.00 | \$30.00 |
| 110 | S | Plastic zip bags | 6 boxes of 20 | 6 boxes | \$21.00 | |
| 111 | S | Potting soil | | 1 twenty lbs bag | \$7.50 | |
| 112 | S | Prepared slide assortment | | 1 per 2 students | \$80.00 | |
| 113 | S | Preserved specimens | teacher's choice | 1 per 2 students | \$60.00 | |
| 114 | S | Protractors | plastic | 30 | \$30.00 | \$30.00 |
| 115 | S | PTC paper | Genetic test | ee tubes of 100 st | \$1.56 | \$1.56 |
| 116 | S | Racks, test tube | polypropylene - all sizes | 10 | \$127.50 | \$127.50 |
| 117 | S | Refrigerator | dorm size | 1 | \$70.00 | \$70.00 |
| 118 | S | Rocket launchers | launch plastic bottles | 14 | \$237.30 | |
| 119 | S | Rubber stoppers | set of assorted sizes/2 lbs. | 1 | \$22.70 | |
| 120 | S | Rubber tubing | | 25 ft | \$25.00 | \$25.00 |
| 121 | S | Rulers | Metric | 30 | \$30.00 | \$30.00 |
| 122 | S | Safety poster | located in lab area | 1 | \$60.75 | |
| 123 | S | Safety shower | located in lab area, with drain in new constructions | 1 | \$265.15 | |

Science- Grade 7 Unattached Equipment List

| | | | | | | | |
|-----|---|---|---------------------------|--|------------------|----------|----------|
| 124 | . | S | Sand | 1 bag | | \$5.00 | |
| 125 | . | S | Scissors | general purpose, paper based labs | 30 | \$60.00 | \$60.00 |
| 126 | . | S | Single central shutoff | For gas, electricity and water | | \$150.95 | |
| 127 | . | S | Soda Straws | 4 boxes | | \$12.80 | |
| 128 | . | S | Soil fertilizer | | 1 bottle | \$3.50 | |
| 129 | . | S | solar cell kit | | 1 per 4 students | \$43.75 | |
| 130 | . | S | Spring scale, pull type | capacity: 1000g/10 newtons | 1 per 2 students | \$90.75 | \$90.75 |
| 131 | . | S | Steel Wool | 1 box | | \$6.50 | |
| 132 | . | S | Stirring rods | glass, bundle of 50 | 1 | \$17.00 | \$17.00 |
| 133 | . | S | Stopwatches | | 1 per 2 students | \$179.25 | \$179.25 |
| 134 | . | S | Storage containers | clear plastic to sort and store supplies | 1 per student | \$150.00 | \$150.00 |
| 137 | . | S | Sulfuric acid | .05% molar solution | 500 ml | \$8.00 | |
| 138 | . | S | Sun finder | displays Sun's light angle on the earth with globe | 1 | \$78.95 | |
| 139 | . | S | Tape measures, set of 10 | metric on one side, standard on the other | 1 per 2 students | \$19.90 | \$19.90 |
| 140 | . | S | Terrarium and accessories | | 2 | \$99.90 | |
| 141 | . | S | Test tube racks | polypropylene, holds various sizes | 1 per 2 students | \$77.25 | \$77.25 |
| 142 | . | S | Test tubes | 20 x 150mm/ set of 72 | 1 | \$48.24 | \$48.24 |
| 143 | . | S | Thermometers | °C and °F dual | 15 | \$87.75 | \$87.75 |
| 144 | . | S | Timer, digital | | 1 | \$20.00 | \$20.00 |
| 145 | . | S | Trays | large plastic | 1 per 2 students | \$30.00 | \$30.00 |
| 146 | . | S | Vegetable oil | 48 oz bottle | 2 | \$5.00 | \$5.00 |
| 147 | . | S | Vinegar | 1 Liter | Liter | \$4.99 | \$4.99 |
| 148 | . | S | Washers | 2 bags of 100 | | \$13.00 | \$13.00 |
| 149 | . | S | Water cycle in a box, kit | 7 investigations on water cycle | 1 | \$52.95 | |
| 150 | . | S | Water cycle poster | 24" x 36" | 1 | \$7.95 | |
| 151 | . | S | Wax marking pencils | 1 dozen | | \$7.39 | \$7.39 |
| 152 | . | S | Weather watch kit | anemometer, barometer, psychrometers, gauge | 1 | \$149.00 | |
| 153 | . | S | Wire | 3 rolls | | \$15.00 | \$15.00 |

Total \$12,768.65 \$6,619.49

Shared

5-8

Shared Cost \$6,149.16

Science- Grade 8 Unattached Equipment List

Facilities/Attached Equipment

| Item | Item Name | Specifications & Descriptions | Number per Classroom | Approximate Cost |
|--------------------|---|---|----------------------|--------------------|
| 1 . | R Teacher Desk | | 1 | \$400.00 |
| 2 . | R Teacher Chair | | 1 | \$130.00 |
| 3 . | R Student Table | Science table - chemical resistant 24" * 48" | 15 | \$4,095.00 |
| 4 . | R Student Chairs | | 30 | \$690.00 |
| 5 . | R Storage Cabinet | 46" * 24" * 78" lockable doors, adjustable shelf | 2 | \$740.00 |
| 6 . | R Filing Cabinet(s) | 2-drawer 30" * 18" * 26" | 2 | \$358.00 |
| 7 . | R Bookshelves | 36" * 18" * 42" | 2 | \$250.00 |
| 8 . | R Tables | 48" * 72" activity table | 1 | \$200.00 |
| 9 . | R Desktop Computer w/ Printer (teacher) | | 1 | \$2,500.00 |
| 10 . | R Dry Erase Board | 5' * 8' metal frame, magnetic | 1 | \$419.00 |
| 11 . | R Integrated, interactive digital presentation system | Laptop, Interactive WhiteBoard, Projector | 1 | \$4,500.00 |
| 12 . | R DVD/DVR Player | player/recorder | 1 | \$179.00 |
| 13 . | R TV/Monitor | 32" or greater flat panel LCD | 1 | \$800.00 |
| 14 . | R Wireless enabled classroom | | | \$50.00 |
| 15 . | R TI-73 or equivalent | Calculators | 28 | \$2,520.00 |
| 16 . | R Eye protection goggles | ANSI Z87 or Z87.1 approved | 24 | \$76.80 |
| 17 . | R Eye wash station | continuous flow, ANSI Z358.1-1998 | 1 | \$141.75 |
| 18 . | R Demonstration table | Service - water, electricity and gas | 1 | \$1,500.00 |
| 19 . | R Storage lab prep room (1 for 5-8) | purge fan,4 airchages per hour to the outside air | | \$2,000.00 |
| R = Regular | | | Total | \$21,549.55 |

Science- Grade 8 Unattached Equipment List

Unattached Specialized Equipment

| Item | Item Name | Specifications & Descriptions | Number per Classroom | Approximate Cost | |
|------|-----------|---------------------------------------|---|------------------|----------|
| 1 . | S | AC/DC power supply | 1 | \$125.00 | |
| 2 . | S | Acrylic prism set | 4 sets | \$59.80 | |
| 3 . | S | Animal cages/habitats and accessories | 3 | \$176.85 | |
| 4 . | S | Animals | Choice of hamsters, lab mice, Guinea pigs | \$25.00 | |
| 5 . | S | Antacid tablets | Box of 36 | 4 boxes | \$5.29 |
| 6 . | S | Aquariums and accessories | 10 gallon | 3 | \$300.00 |
| 7 . | S | Atomic Poster Chart | 1 per classroom | \$15.75 | |
| 8 . | S | Balances, Triple Beam | student grade | 7 | \$699.93 |
| 9 . | S | Balances,Electronic | 0.1 g sensitivity | 1 | \$117.33 |
| 10 . | S | Balloons | 3 assorted bags | | \$7.50 |
| 11 . | S | Balls, set | set of 12, steel, wood, cork, brass, aluminum, lead | 4 | \$191.80 |
| 12 . | S | Batteries | D size | 3 boxes of 8 | \$24.00 |
| 13 . | S | Batteries | C size | 3 boxes of 8 | \$24.00 |
| 14 . | S | Batteries | AA size | 3 boxes of 8 | \$24.00 |
| 15 . | S | Batteries | AAA size | 6 | \$24.00 |
| 16 . | S | Batteries | 9 volt | 3 boxes | \$24.00 |
| 17 . | S | Beaker set, plastic | 100 mL, 500mL, 250 mL, 100 mL, 50 mL | 7 | \$86.80 |
| 18 . | S | Beaker tongs | | 1 per 2 students | \$40.00 |
| 19 . | S | Blocks, friction | set of blocks with varying surfaces | 7 | \$95.55 |
| 20 . | S | Bromothymol blue | Indicator | 100 ml | \$2.75 |
| 21 . | S | brushes, flask | set /12 | 1 | \$46.80 |
| 22 . | S | brushes, test tube | set/12 | 1 | \$18.00 |
| 23 . | S | brushes,beaker | | 10 | \$40.00 |
| 24 . | S | Butane gas lighter | refillable | 5 | \$22.50 |
| 25 . | S | Butane gas lighter, canisters | refills | 5 | \$21.25 |
| 26 . | S | Calorimeter | student, double-walled | 7 | \$58.45 |
| 27 . | S | Candles | 8 boxes | | \$12.16 |

Science- Grade 8 Unattached Equipment List

| | | | | | |
|------|---|---|---|------------------|----------|
| 28 . | S | Chart, metric wall | | 1 per classroom | \$9.50 |
| 29 . | S | Chart, periodic table | | 1 per classroom | \$39.95 |
| 30 . | S | Cheesecloth | 4 sq. meters | 1 | \$4.95 |
| 31 . | S | Clamps-test tube | | 1 per 2 students | \$25.00 |
| 32 . | S | Compasses, drawing | | 1 per 2 students | \$30.00 |
| 33 . | S | Congo red | Indicator | 100 ml | \$4.25 |
| 34 . | S | Corks | set of 100-assorted sizes | 1 | \$17.50 |
| 35 . | S | Corn syrup | 24 oz. bottle | 4 | \$9.16 |
| 36 . | S | Cover slips/box of 100 | | 3 | \$10.00 |
| 37 . | S | Crystal violet | 1% solution | 100 ml | \$6.90 |
| 38 . | S | Desendant disc game | | 1 | \$29.95 |
| 39 . | S | Digital dissecting microscope | ex. Flexcam, Motic | 1 | \$600.00 |
| 40 . | S | Distilled water | 5 gallons | 5 | \$6.25 |
| 41 . | S | Droppers | plastic, disposable, graduated, 1 mL/pkg. 500 | 2 | \$37.00 |
| 42 . | S | Electric Snap Circuits | kit of parts to create circuits | 5 per classroom | \$149.75 |
| 43 . | S | Ethanol | Anhydrous, ethnl | 500 ml | \$5.50 |
| 44 . | S | Evolution: Geologic Time Chart & activity | | | \$35.00 |
| 45 . | S | Fishing line | 2 rolls of 50 ft | 2 rolls | \$6.00 |
| 46 . | S | Flashlights | plastic | 14 | \$42.00 |
| 47 . | S | Food coloring | Red, green, blue, yellow | 4 droppers | \$4.25 |
| 48 . | S | Funnels | 6 - assorted sizes | | \$20.00 |
| 49 . | S | Funnels | Polypropylene - 65 mm dia./set of 12 | 1 | \$21.00 |
| 50 . | S | GeoBlox Models | topo map exercise | 4 per/class | \$70.00 |
| 51 . | S | Glassware drain rack | | | \$50.00 |
| 52 . | S | Gloves, latex /boxes of 100 | latex, or vinyl | 5 | \$49.75 |
| 53 . | S | Glue | | 6 bottles | \$8.00 |
| 54 . | S | Googles, safety | | 28 | \$161.00 |
| 55 . | S | Graduated cylinder set, plastic | 100 mL, 50 mL, 25 mL, 10 mL | 14 | \$74.76 |
| 56 . | S | Gram's iodine | Staining solution | 100 ml | \$4.95 |
| 57 . | S | Hot Plates | | 1 per 4 students | \$292.00 |
| 58 . | S | Hydrochloric acid | 1% molar solution | 500 ml | \$5.80 |
| 59 . | S | Hydrogen peroxide | 0.03 | 473 ml | \$3.75 |

Science- Grade 8 Unattached Equipment List

| | | | | | | | |
|----|---|---|----------------------------------|-------------------------------|-------------------|----|------------|
| 60 | . | S | Indicator bottles | plastic -30 mL/ pkg. 12 | | 2 | \$35.90 |
| 61 | . | S | Isopropyl alcohol | 0.7 | 500 ml | | \$5.50 |
| 62 | . | S | Laboratory cart | | | 1 | \$200.00 |
| 63 | . | S | Litmus paper | Hydrion AB ph Test Paper, 30' | | 2 | \$13.50 |
| 64 | . | S | Litmus paper | Hydrion AB ph Test Paper | Two rows of 30 ft | | \$6.75 |
| 65 | . | S | Magic Markers | 2 packs of 6 | | | \$14.78 |
| 66 | . | S | Mass sets | brass, set of 12, 1 g - 500 g | | 4 | \$279.80 |
| 67 | . | S | Meter sticks | wooden | | 15 | \$34.50 |
| 68 | . | S | Methylene Blue | Stain 1% | 30 ml | | \$7.50 |
| 69 | . | S | Microscope maintenance kit | | | 1 | \$75.00 |
| 70 | . | S | Microscopes, compound with light | 4x, 10x, 40 x lenses | | 10 | \$1,950.00 |
| 71 | . | S | Microwave | | | 1 | \$50.00 |
| 72 | . | S | Modeling clay | set/variety of colors | | 2 | \$33.90 |
| 73 | . | S | Natural Selection Activity | | | 1 | \$50.00 |
| 74 | . | S | Nitric acid | .5% molar solution | 500 ml | | \$6.50 |
| 75 | . | S | Petroleum jelly | 2.5 oz bottle | 5 bottles | | \$3.29 |
| 76 | . | S | pH meters | | 1 per classroom | | \$77.75 |
| 77 | . | S | pH paper | Vial of 100, red and blue | 2 per classroom | | \$2.30 |
| 78 | . | S | Phenol red | Indicator 2% | 100 ml | | \$4.15 |
| 79 | . | S | Phenolphthalein | Indicator 1% | 100 ml | | \$5.80 |
| 80 | . | S | Pipe Cleaners | 2 boxes | | | \$4.00 |
| 81 | . | S | Plastic spoons | 6 boxes of 50 | 6 boxes | | \$17.94 |
| 82 | . | S | Plastic tubing | 25 ft. | | 1 | \$30.00 |
| 83 | . | S | Plastic zip bags | 6 boxes of 20 | 6 boxes | | \$21.00 |
| 84 | . | S | Pocket Punnet Manipulative | | 1 per classroom | | \$38.95 |
| 85 | . | S | Protractors | plastic | | 30 | \$30.00 |
| 86 | . | S | PTC paper | Genetic test | Three tubes of 10 | | \$1.56 |
| 87 | . | S | Racks, test tube | polypropylene - all sizes | | 10 | \$127.50 |
| 88 | . | S | Refrigerator | dorm size | | 1 | \$70.00 |
| 89 | . | S | Rubber stoppers | set of assorted sizes/2 lbs. | | 1 | \$22.70 |
| 90 | . | S | Rubber tubing | | 25 ft | | \$25.00 |
| 91 | . | S | Rulers | Metric | | 30 | \$30.00 |

Science- Grade 8 Unattached Equipment List

| | | | | | | |
|-----|---|---|-------------------------------|---|------------------|----------|
| 92 | . | S | Sand | 1 bag | | \$5.00 |
| 93 | . | S | Sandpaper | 1 assorted box | | \$2.00 |
| 94 | . | S | Scales, spring | | 14 | \$28.00 |
| 95 | . | S | Scissors | general purpose, paper based labs | 30 | \$60.00 |
| 96 | . | S | Slinky | | 1 per 4 students | \$38.63 |
| 97 | . | S | Soda Straws | 4 boxes | | \$12.80 |
| 98 | . | S | Soil classes | | 1 set | \$39.95 |
| 99 | . | S | Soils Porosity & Permeability | kit measuring various soils | 1 per classroom | \$125.00 |
| 100 | . | S | Spring scale, pull type | capacity: 1000g/10 newtons | 1 per 2 students | \$90.75 |
| 101 | . | S | Steel Wool | 1 box | | \$6.50 |
| 102 | . | S | Stirring rods | glass, bundle of 50 | 1 | \$17.00 |
| 103 | . | S | Stopwatch | | 15 | \$179.25 |
| 104 | . | S | Straws | pkg of 100 | 3 | \$6.00 |
| 105 | . | S | Stream table kit | plastic, tubing, water connection, sand | set of 4 | \$189.00 |
| 106 | . | S | Styrofoam cups | 20 Oz. for growing plants/pkg. 20 | 8 | \$16.00 |
| 107 | . | S | Sugar | 5 lbs | Sack | \$4.75 |
| 108 | . | S | Sulfuric acid | .05% molar solution | 500 ml | \$8.00 |
| 109 | . | S | Tape measures, set of 10 | metric on one side, standard on the other | 1 per 2 students | \$19.90 |
| 110 | . | S | Test tube racks | polypropylene, holds various sizes | 1 per 2 students | \$77.25 |
| 111 | . | S | Test tubes | 20 x 150mm/ set of 72 | 1 | \$48.24 |
| 112 | . | S | Thermometers | °C and °F dual | 15 | \$87.75 |
| 113 | . | S | Timer, digital | | 2 | \$40.00 |
| 114 | . | S | Toothpicks | 6 boxes | | \$5.82 |
| 115 | . | S | Trays | large plastic | 1 per 2 students | \$30.00 |
| 116 | . | S | Vegetable oil | 48 oz bottle | 2 | \$5.00 |
| 117 | . | S | Vinegar | 1 Liter | Liter | \$4.99 |
| 118 | . | S | Washers | 2 bags of 100 | | \$13.00 |
| 119 | . | S | Wave motion kit | demos wave motion | 1 per classroom | \$31.00 |
| 120 | . | S | Wax marking pencils | 1 dozen | | \$7.39 |
| 121 | . | S | Wire | 3 rolls | | \$15.00 |

S = Specialized

Total \$8,611.97

Science - Grades 9-12 Site Equipment List

Facilities/Attached Equipment

Equipment that is shared by all teachers and stored in the teacher workroom, media center, or office.

| Item | | Object/Device | Example(s) | Number per Students/School | Approximate Cost |
|--|---|--------------------------------|--|----------------------------|--------------------|
| 1 | . | A Photocopier | 45cpm, networked, RADF | 1 per 200 students | \$10,000.00 |
| 2 | . | A Digital Cameras | 5 megapixel or greater | 5 per school | \$1,500.00 |
| 3 | . | A Digital Video Cameras | 2.5" LCD screen | 5 per school | \$2,500.00 |
| 4 | . | A Student Computer Lab Setting | 27 computer station lab with digital projection system | 1 per school | \$30,000.00 |
| 5 | . | A Overhead Projector | 2700 lumens 10.5" * 10.5 " | 2 per school | \$564.00 |
| 6 | . | A Document Projector | Elmo or equivalent | 3 per school | \$1,875.00 |
| 7 | . | A Recording Device(s) | CD, Tape Player/Recorder | 3 per school | \$168.00 |
| 8 | . | A Laminator | Roll-type | 1 per school | \$875.00 |
| 9 | . | A Paper Cutter | 18" stainless steel blade, manual | 1 per 300 | \$165.00 |
| A = All (Available in the school) | | | | Total | \$47,647.00 |

Science- Physical Science Unattached Equipment List

Facilities/Attached Equipment

| Item | Item Name | Specifications & Descriptions | Number per Classroom | Approximate Cost |
|--------------------|---|---|----------------------|--------------------|
| 1 . | R Teacher Desk | | 1 | \$400.00 |
| 2 . | R Teacher Chair | | 1 | \$130.00 |
| 3 . | R Student Table | Science table - chemical resistant 24" * 48" | 15 | \$4,095.00 |
| 4 . | R Student Chairs | | 30 | \$690.00 |
| 5 . | R Storage Cabinet | 46" * 24" * 78" lockable doors, adjustable shelf, lifting top | 2 | \$740.00 |
| 6 . | R Filing Cabinet(s) | 2-drawer 30" * 18" * 26" | 2 | \$358.00 |
| 7 . | R Bookshelf | 46" * 18" * 72" | 1 | \$234.95 |
| 8 . | R Desktop Computer w/ Printer (teacher) | | 1 | \$2,500.00 |
| 9 . | R Dry Erase Board | 5' * 8' metal frame, magnetic | 1 | \$419.00 |
| 10 . | R Integrated, interactive digital presentation system | Laptop, Interactive WhiteBoard, Projector | 1 | \$4,500.00 |
| 11 . | R DVD/DVR Player | player/recorder | 1 | \$179.00 |
| 12 . | R TV/Monitor | 32" or greater flat panel LCD | 1 | \$800.00 |
| 13 . | R Wireless enabled classroom | | | \$50.00 |
| 14 . | R TI-84 Silver Ed. or equivalent | Calculators | 28 | \$3,360.00 |
| 15 . | R Data collection device, real-time, handheld | interface with computer, graphing calculator, or stand-alone | 1 per 4 students | \$1,328.00 |
| 16 . | R Eye protection goggles | ANSI Z87 or Z87.1 approved | 30 | \$76.80 |
| 17 . | R Eye wash station | continuous flow, ANSI Z358.1-1998 | 1 | \$141.75 |
| 18 . | R Safety shower | | 1 | \$265.15 |
| 19 . | R Demonstration table | Service - water, electricity and gas | 1 | \$1,500.00 |
| 20 . | R Storage lab prep room (1 for 5-8) | purge fan, 4 airchanges per hour to the outside air | | \$0.00 |
| 21 . | R Fume Hood | motor mounts on top of the hood or in a remote location | 1 | \$4,796.00 |
| 22 . | R Charts, laboratory safety | | 1 | \$62.00 |
| R = Regular | | | Total | \$26,625.65 |

Science- Physical Science Unattached Equipment List

Unattached Specialized Equipment

| Item | Item Name | Specifications & Descriptions | Number Per Classroom | Approximate Cost | Shared Cost |
|------|-----------|--|----------------------|------------------|-------------|
| 1 . | S | Alligator clips | 48 | \$22.50 | \$22.50 |
| 2 . | S | Aprons, rubberized medium duty | 30 | \$51.00 | |
| 3 . | S | Archimedes' apparatus | 1 per 4 students | \$199.20 | \$199.20 |
| 4 . | S | Aspirators, water metal (Chapman type) | 1 | \$15.20 | \$15.20 |
| 5 . | S | Balance electronic or triple beam (0.01 g sensitivity or better) | 15 | \$1,663.80 | \$1,663.80 |
| 6 . | S | Balance, analytical electronic (.001 sensitivity or better) | 1 | \$1,060.00 | \$1,060.00 |
| 7 . | S | Balloons 5" | 50 | \$3.95 | |
| 8 . | S | Balloons 10" | 50 | \$4.85 | |
| 9 . | S | Balls, rubber set 2", 3", | 1 set per 4 student | \$26.00 | |
| 10 . | S | Balls, set drilled, brass, alluminum, steel, cork, wood, and lead | 1 set per 4 student | \$403.20 | |
| 11 . | S | Balls,bounce/no bounce | 1 set | \$8.35 | |
| 12 . | S | Barometer | 1 | \$25.50 | \$25.50 |
| 13 . | S | Batteries, AA rechargeable | 24 | \$100.50 | |
| 14 . | S | Batteries, C rechargeable | 6 | \$50.85 | |
| 15 . | S | Batteries, D rechargeable | 6 | \$50.85 | |
| 16 . | S | Battery charger | 2 | \$72.90 | \$72.90 |
| 17 . | S | Beakers, 100 ml Heatable -Pyrex or other lab grade | 24 | \$64.04 | |
| 18 . | S | Beakers, 250 ml Heatable -Pyrex or other lab grade | 1 per 2 students | \$42.00 | |
| 19 . | S | Beakers, 250 ml plastic | 1 per 2 students | \$30.00 | |
| 20 . | S | Beakers, 400 ml Heatable -Pyrex or other lab grade | 1 per 2 students | \$45.75 | |
| 21 . | S | Beakers, 50 ml Heatable -Pyrex or other lab grade | 1 per 2 students | \$43.50 | |
| 22 . | S | Beakers, 500 ml plastic | 1 per 2 students | \$48.00 | |
| 23 . | S | Beakers, 600 ml Heatable -Pyrex or other lab grade | 1 per 2 students | \$60.00 | |
| 24 . | S | Beakers,100 ml plastic | 1 per 2 students | \$24.00 | |
| 25 . | S | Beakers,1000 ml Heatable -Pyrex or other lab grade | 1 per 4 students | \$58.00 | |
| 26 . | S | Beakers,1000 ml plastic | 1 per 2 students | \$63.00 | |
| 27 . | S | Bottles, gas collecting capacity: 240ml | 1 per student | \$48.00 | |
| 28 . | S | Brass weight set, 500g to 1 g | 1 per 4 students | \$529.60 | \$529.60 |
| 29 . | S | Brush, bottle/beaker | 12 | \$48.24 | |

Science- Physical Science Unattached Equipment List

| | | | | | | |
|----|---|---------------------------|--|---------------------|----------|----------|
| 30 | S | Brush, buret | | 12 | \$29.64 | |
| 31 | S | Brush, flask | | 12 | \$46.80 | |
| 32 | S | Brush, test tube | | 12 | \$18.00 | |
| 34 | S | Buret clamp, double | | 1 per 2 students | \$175.00 | \$175.00 |
| 35 | S | Burets, 50 ml | | 1 per 4 students | \$320.40 | |
| 36 | S | Burner tubing | 10 ft. length, black rubber | 1 | \$7.55 | \$7.55 |
| 37 | S | Burner, Bunsen | | 12 | \$252.00 | \$252.00 |
| 38 | S | Calorimeter | | 1 per 2 students | \$125.25 | \$125.25 |
| 39 | S | Capacitor | | 1 | \$30.00 | \$30.00 |
| 40 | S | Cart, laboratory | | 1 | \$183.35 | |
| 41 | S | Carts, motion and force | | 1 per 4 students | \$144.40 | \$144.40 |
| 42 | S | Ceramic squares | 6" x 6"x1/8" | 24 | \$52.20 | |
| 43 | S | Chart, lab techniques | | | \$62.50 | |
| 44 | S | Chart, Newton's forces | | | \$19.95 | |
| 45 | S | Chart, periodic table | | | \$51.10 | |
| 46 | S | Charts, laboratory safety | | 1 | \$62.00 | |
| 47 | S | Chemical splash goggles | ANSI approved, vented, fog free | 2 sets (60) | \$387.00 | |
| 48 | S | Compass | directional | 1 per 2 students | \$39.00 | \$39.00 |
| 49 | S | Cork borer | set of 6 (min) ranging 4.8 to 12.7mm | 2 | \$42.00 | \$42.00 |
| 50 | S | Corks | assorted sizes to match flasks/test tubes (100 ct pkg) | 2 | \$40.00 | \$40.00 |
| 52 | S | Crucible tongs | | 1 per 2 students | \$71.25 | \$71.25 |
| 53 | S | Crucibles with cover | 50 ml | 1 per 2 students | \$60.00 | |
| 54 | S | Demonstration shield | Share with Physics - see Physics | 1 | \$343.00 | \$343.00 |
| 55 | S | Diffraction grating | pkg of 10 | 15 | \$20.00 | \$20.00 |
| 56 | S | Electrolysis apparatus | Brownlee | 1 per 4 students | \$317.20 | \$317.20 |
| 57 | S | Electrostatic generator | | 1 | \$121.25 | \$121.25 |
| 58 | S | Evaporating dishes | | 30 | \$171.00 | \$171.00 |
| 59 | S | Eye droppers | pkg of 12 | pkg per 4 student | \$19.60 | |
| 60 | S | Filter paper | 7 cm pkg of 101 | | \$14.00 | |
| 61 | S | Filter paper | 4.25 cm pkg of 100 | 1 | \$25.00 | |
| 62 | S | Filter, polarizing | | 3 | \$393.30 | \$393.30 |
| 63 | S | Filters, colored | gelatin, set | 1 set per 4 student | \$49.20 | \$49.20 |

Science- Physical Science Unattached Equipment List

| | | | | | | |
|----|---|------------------------------|--|---------------------|------------|------------|
| 64 | S | Fire Blanket | | 1 | \$92.00 | |
| 65 | S | First Aid kit | OSHA compliant, deluxe | 1 | \$66.50 | |
| 66 | S | Flashlight | | 4 | \$39.40 | |
| 67 | S | Flasks, Erlenmeyer | lab grade, heatable, 125 ml | 30 | \$114.00 | |
| 68 | S | Flasks, Erlenmeyer | lab grade, heatable, 250 ml | 30 | \$117.90 | |
| 69 | S | Flasks, Erlenmeyer | lab grade, heatable, 500 ml | 30 | \$148.50 | |
| 70 | S | Flasks, Erlenmeyer | lab grade, heatable, 1000 ml | 15 | \$120.90 | |
| 71 | S | Force table | | 1 per 8 students | \$413.40 | \$413.40 |
| 72 | S | Forceps, straight | | 15 | \$35.25 | |
| 73 | S | Funnel, filtering, medium | filtering, plastic, top id 75 mm | 16 | \$45.00 | |
| 74 | S | Glass stirring rod | | 50 | \$17.00 | |
| 75 | S | Glass tubing | 5 or 6 mm od, 24" lengths | 12 | \$98.40 | |
| 76 | S | Goggle Sterilization cabinet | ANSI approved, holds 36 goggles | 1 | \$454.90 | \$454.90 |
| 77 | S | Graduated cylinders,glass | 10 ml | 24 | \$170.40 | \$170.40 |
| 78 | S | Graduated cylinders,glass | 50 ml | 24 | \$188.88 | \$188.88 |
| 79 | S | Graduated cylinders,glass | 100 ml | 24 | \$238.56 | \$238.56 |
| 80 | S | Gyroscope | large bicycle wheel shaft | 1 | \$92.10 | \$92.10 |
| 81 | S | Hook weight set | 1000 g to 10 g | 1 per 4 students | \$280.00 | \$280.00 |
| 82 | S | hot hands or hot gloves | plastic | 1 per 4 students | \$110.00 | |
| 83 | S | Hot plate | corning, digital | 1 per 4 students | \$1,170.80 | \$1,170.80 |
| 84 | S | Lamp receptacles | | 30 | \$33.00 | \$33.00 |
| 85 | S | Lamp, UV | | 4 | \$106.80 | \$106.80 |
| 86 | S | Laser kit w/ pointer | | 1 per 4 students | \$175.60 | \$175.60 |
| 87 | S | Law of motion apparatus | | 1 | \$51.15 | |
| 88 | S | Lens holders | pkg of 6 | 1 per 4 students | \$31.60 | \$31.60 |
| 89 | S | Lenses, student set | set: double concave, double convex,concavo-convex, con | set per 4 student | \$99.60 | \$99.60 |
| 90 | S | Light box w/ power supply | Rive Ray Box or equivalent equipment | 1 per 4 students | \$1,079.60 | \$1,079.60 |
| 91 | S | Linear expansion apparatus | | 1 | \$193.85 | \$193.85 |
| 92 | S | Meter sticks | | 1 per 2 students | \$34.50 | |
| 93 | S | Metric tape | wind-up | 1 per 2 students | \$150.75 | |
| 94 | S | Microwave | | 1 | \$50.00 | |
| 95 | S | Mirrors, concave | spherical, glass, 75mm | 1 set per 2 student | \$38.00 | \$38.00 |

Science- Physical Science Unattached Equipment List

| | | | | | | |
|-----|---|---|--|------------------|------------|------------|
| 96 | S | Mirrors, convex, | spherical, glass, 75mm | 1 per 4 students | \$36.40 | \$36.40 |
| 97 | S | Mirrors, flat | acrylic, 10 x 15 cm | 1 per 4 students | \$27.20 | \$27.20 |
| 98 | S | Model, atomic, orbital | | 1 | \$69.10 | |
| 99 | S | Model, atomic/molecular structure | atomic/molecular structure, orbital | 1 set | \$69.95 | |
| 100 | S | Molecular motion detector | demonstration | 1 | \$53.60 | |
| 101 | S | Mortar and pestle | set | 1 per student | \$144.00 | |
| 102 | S | O-Scope Extech 5 MHz Dual Channel Oscilloscope MultiScope | | 4 | \$2,000.00 | \$2,000.00 |
| 103 | S | Optic bench | meter stick | 1 per 4 students | \$263.60 | \$263.60 |
| 104 | S | Paper labels | 1000/roll | 1 | \$19.75 | \$19.75 |
| 105 | S | Pendulum apparatus | | 1 per 4 students | \$107.26 | |
| 106 | S | Pipestem triangles | 2 1/2 " | 1 per 2 students | \$36.00 | \$36.00 |
| 107 | S | Pipets, beral | plastic, 500 per pkg | 1pkg | \$22.50 | |
| 108 | S | Plastic wash bottles | 250 ml | 1 per 2 students | \$44.25 | |
| 109 | S | Pneumatic trough | | 1 per 2 students | \$315.00 | \$315.00 |
| 110 | S | Power supply,AC/DC | | 4 | \$500.00 | \$500.00 |
| 111 | S | Prisms | set, acrylic, double convex, double concave, semi-circular | 1 per 4 students | \$126.20 | \$126.20 |
| 112 | S | Pulleys, single | | 1 per 2 students | \$39.75 | \$39.75 |
| 113 | S | Pulleys, triple | | 1 per 2 students | \$68.25 | \$68.25 |
| 114 | S | Pulleys,double | | 1 per 2 students | \$21.00 | \$21.00 |
| 115 | S | Radiometer | | 1 | \$11.95 | \$11.95 |
| 116 | S | Refrigerator | dorm size | | \$70.00 | |
| 117 | S | Resistance board | | 1 per 4 students | \$428.80 | \$428.80 |
| 118 | S | Resonance tubes | | 1 per 4 students | \$816.00 | \$816.00 |
| 119 | S | Ring stand | heavy -duty base, zinc-plated steel rod | 15 | \$126.50 | \$126.50 |
| 120 | S | Ring stand accessory, thermometer clamp | | 1 per 2 students | \$201.00 | \$201.00 |
| 121 | S | Ring stand accessory, ring | 3" | 15 | \$61.50 | \$61.50 |
| 122 | S | Rings stand accessory, hook collar clamp | | 1 per 2 students | \$83.40 | \$83.40 |
| 123 | S | Ripple tank | | 1 | \$260.40 | \$260.40 |
| 124 | S | Rockets | | 1 per 4 students | \$88.80 | \$88.80 |
| 125 | S | Gyroscope | large -- bicycle wheel shaft | 1 | \$92.10 | \$92.10 |
| 126 | S | Rubber stoppers | assorted sizes | 3 lb | \$32.25 | \$32.25 |
| 127 | S | Sensor, current | | 1 per 4 students | \$296.00 | \$296.00 |

Science- Physical Science Unattached Equipment List

| | | | | | | | |
|-----|---|---|------------------------------|-----------------------------|------------------|----------|----------|
| 128 | . | S | Sensor, differential voltage | | 1 per 4 students | \$280.00 | \$280.00 |
| 129 | . | S | Sensor, force | | 1 per 4 students | \$872.00 | \$872.00 |
| 130 | . | S | Sensor, force plate | | 1 per 4 students | \$199.00 | \$199.00 |
| 131 | . | S | Sensor, gas pressure | | 4 | \$316.00 | \$316.00 |
| 132 | . | S | Sensor, light | | 1 per 4 students | \$392.00 | \$392.00 |
| 133 | . | S | Sensor, low-g accelerometer | | 1 per 4 students | \$784.00 | \$784.00 |
| 134 | . | S | Sensor, magnetic field | | 1 per 4 students | \$448.00 | \$448.00 |
| 135 | . | S | Sensor, microphone | | 1 per 4 students | \$296.00 | \$296.00 |
| 136 | . | S | Sensor, motion | | 1 per 4 students | \$600.00 | \$600.00 |
| 137 | . | S | Sensor, pH | | 1 per 4 students | \$624.00 | \$624.00 |
| 138 | . | S | Sensor, temperature | | 1 per 4 students | \$304.00 | \$304.00 |
| 139 | . | S | Sensor, UVA | | 1 | \$99.00 | \$99.00 |
| 140 | . | S | Sensor, UVB | | 1 | \$99.00 | \$99.00 |
| 141 | . | S | Slinky | | 1 per 4 students | \$38.63 | \$38.63 |
| 142 | . | S | Slotted weight hangar | | 1 per 4 students | \$42.80 | \$42.80 |
| 143 | . | S | Slotted weight set | set 10 g to 200 g | 1 per 4 students | \$327.60 | \$327.60 |
| 144 | . | S | Solar cell kit | | 1 per 4 students | \$394.40 | \$394.40 |
| 145 | . | S | Spatula/spoon, micro | stainless steel | 1 per 2 students | \$69.00 | |
| 146 | . | S | Spectroscope | | 1 per 4 students | \$230.40 | \$230.40 |
| 147 | . | S | Spectrum tube power supply | | 1 | \$43.95 | \$43.95 |
| 148 | . | S | Spectrum tube, water vapor | | 1 | \$32.10 | \$32.10 |
| 149 | . | S | Spectrum tube, air | | 1 | \$32.10 | \$32.10 |
| 150 | . | S | Spectrum tube, krypton | | 1 | \$35.70 | \$35.70 |
| 151 | . | S | Spectrum tube, mercury vapor | | 1 | \$43.95 | \$43.95 |
| 152 | . | S | Spectrum tube, neon gas | | 1 | \$32.10 | \$32.10 |
| 153 | . | S | Spectrum tube, helium gas | | 1 | \$32.10 | \$32.10 |
| 154 | . | S | Spectrum tube, hydrogen gas | | 1 | \$35.55 | \$35.55 |
| 155 | . | S | Spring scale, demonstration | capacity: 50 newtons | 1 | \$39.60 | \$39.60 |
| 156 | . | S | Spring scale, pull type | capacity: 1000 g/10 newtons | 1 per 2 students | \$90.75 | \$90.75 |
| 157 | . | S | Springs, coil | 5 mL stainless steel, 25 mm | 1 pkg. | \$37.20 | \$37.20 |
| 158 | . | S | Springs, coil | 5 mL stainless steel, 50 mm | | \$43.10 | \$43.10 |
| 159 | . | S | Springs, coil | 5 mL stainless steel, 75 mm | | \$50.40 | \$50.40 |

Science- Physical Science Unattached Equipment List

| | | | | | | | |
|-----|---|---|--|---|-------------------|----------|----------|
| 160 | . | S | Stop watch | | 1 per 2 students | \$179.25 | \$179.25 |
| 162 | . | S | Strobe light, handheld | | 1 per 4 students | \$86.00 | \$86.00 |
| 163 | . | S | Stroboscope | hand held | 1 | \$230.00 | \$230.00 |
| 164 | . | S | Switches, double pole | single throw | 4 | \$15.16 | |
| 165 | . | S | Switches, double pole | double throw | 4 | \$19.00 | |
| 166 | . | S | Switches, single pole | single throw | 4 | \$4.80 | |
| 167 | . | S | Switches, single pole | double throw | 4 | \$11.80 | |
| 168 | . | S | Tape, electrical | roll | 1 per 4 students | \$11.20 | |
| 169 | . | S | Racks, test tube | 6 capacity | 10 | \$127.50 | |
| 170 | . | S | Test tubes, 15 x125 | glass, heatable, | 72 | \$39.60 | |
| 171 | . | S | Test tubes, 13 x 100 | glass, heatable, | 72 | \$30.96 | |
| 172 | . | S | Test tubes, 16 x 150 | glass, heatable, | 72 | \$41.04 | |
| 173 | . | S | Test tubes, 18 x 150 | glass, heatable, | 72 | \$50.40 | |
| 174 | . | S | Test tubes, 20 x 150 | glass, heatable, | 72 | \$56.16 | |
| 175 | . | S | Test tubes, 25 x 200 | glass, heatable, | 72 | \$72.00 | |
| 176 | . | S | Thermometer | centigrade, -10 to 150 C, spirit-filled | 30 | \$175.50 | |
| 177 | . | S | Thistle tubes | plastic | 30 | \$79.50 | |
| 178 | . | S | Tongs, beaker | | 1 per 2 students | \$95.25 | \$95.25 |
| 179 | . | S | Clamps, test tube | | 1 per 2 students | \$16.00 | \$16.00 |
| 180 | . | S | Triangular files | pkg of 10 | 10 | \$22.00 | |
| 181 | . | S | Tubing, black rubber for burners - 50 ft. bx | i.d. 1/4", wall thickness 1/8" | 1 box | \$45.55 | \$45.55 |
| 182 | . | S | Tuning forks | set of 8 | 4 | \$287.40 | \$287.40 |
| 183 | . | S | Vacuum pump | hand operated | 4 | \$532.68 | \$532.68 |
| 184 | . | S | Vernier calipers | | 1 per 4 students | \$59.20 | \$59.20 |
| 185 | . | S | Wax marking pencils | | 1 per 2 students | \$15.00 | |
| 186 | . | S | Well plates | | 1 per 2 students | \$57.00 | |
| 187 | . | S | Wire gauze w/ceramic center | 5" x 5" | 1 per 2 students | \$58.50 | \$58.50 |
| 188 | . | S | Wire, bell | AWG 18 coated, 40m | 1 per students | \$44.50 | \$44.50 |
| 189 | . | S | Wire, copper, coated | red, black, white | 1 roll each color | \$37.15 | \$37.15 |

Totals \$30,611.10 \$25,215.95

Shared Cost \$5,395.15

Science- Physical Science Unattached Equipment List

Science- Biology Unattached Equipment List

Facilities/Attached Equipment

| Item | Item Name | Specifications & Descriptions | Number per Classroom | Approximate Cost |
|--------------------|---|--|----------------------|--------------------|
| 1 . | R Teacher Desk | | 1 | \$400.00 |
| 2 . | R Teacher Chair | | 1 | \$130.00 |
| 3 . | R Student Table | Science table - chemical resistant 24" * 48" | 15 | \$4,095.00 |
| 4 . | R Student Chairs | | 30 | \$690.00 |
| 5 . | R Storage Cabinet | 46" * 24" * 78" lockable doors, adjustable shelf, lifting top | 2 | \$740.00 |
| 6 . | R Filing Cabinet(s) | 2-drawer 30" * 18" * 26" | 2 | \$358.00 |
| 7 . | R Bookshelf | 46" * 18" * 72" | 1 | \$234.95 |
| 8 . | R Desktop Computer w/ Printer (teacher) | | 1 | \$2,500.00 |
| 9 . | R Dry Erase Board | 5' * 8' metal frame, magnetic | 1 | \$419.00 |
| 10 . | R Integrated, interactive digital presentation system | Laptop, Interactive WhiteBoard, Projector | 1 | \$4,500.00 |
| 11 . | R DVD/DVR Player | player/recorder | 1 | \$179.00 |
| 12 . | R TV/Monitor | 32" or greater flat panel LCD | 1 | \$800.00 |
| 13 . | R Wireless enabled classroom | | | \$50.00 |
| 14 . | R TI-84 Silver Ed. or equivalent | Calculators | 28 | \$3,360.00 |
| 15 . | R Data collection device, real-time, handheld | interface with computer, graphing calculator, or stand-alo | 1 per 4 students | \$1,328.00 |
| 16 . | R Eye protection goggles | ANSI Z87 or Z87.1 approved | 30 | \$76.80 |
| 17 . | R Eye wash station | continuous flow, ANSI Z358.1-1998 | 1 | \$141.75 |
| 18 . | R Safety shower | | 1 | \$265.15 |
| 19 . | R Demonstration table | Service - water, electricity and gas | 1 | \$1,500.00 |
| 20 . | R Storage lab prep room (1 per school) | locked, wooden shelves, with lip. 2 sinks, ventilation purge fan,4 airchages | | \$0.00 |
| 21 . | R Charts, laboratory safety | | 1 | \$62.00 |
| R = Regular | | | Total | \$21,829.65 |

Science- Biology Unattached Equipment List

Unattached Specialized Equipment

| Item Number | Item Name | Specifications & Descriptions | Number per Classroom | Approx. Cost |
|-------------|----------------------------------|---|----------------------|--------------|
| 1 . | S Animal Cages | Plastic, 15L capacity | 4 | \$71.80 |
| 2 . | S Animal Habitat Units | glass terrarium, bulbs, gravel, food and water dish | 2 | \$117.90 |
| 3 . | S Antacid tablets | Box of 36 | 4 | \$21.16 |
| 4 . | S Antibiotic discs, erythromycin | paper discs for testing bacterial resistance | 1 | \$9.45 |
| 5 . | S Antibiotic discs, penicillin | paper discs for testing bacterial resistance | 1 | \$9.45 |
| 6 . | S Antibiotic discs, streptomycin | paper discs for testing bacterial resistance | 1 | \$9.45 |
| 7 . | S Aquarium with Accessories | 10 gal., filter, pump, gravel | 2 | \$125.00 |
| 8 . | S Bacteria, live specimens | Assorted nonpathogenic species of bacteria | 4 | \$31.00 |
| 9 . | S Balances | Electronic, 0.1 g sensitivity | 2 | \$234.66 |
| 10 . | S Beakers | Pyrex, 50mL/set of 12 | 1 | \$30.60 |
| 11 . | S Beakers | Pyrex, 100mL/set of 12 | 2 | \$70.80 |
| 12 . | S Beakers | Pyrex,250 mL/set of 12 | 2 | \$58.80 |
| 13 . | S Beakers | Pyrex, 600mL/set of 6 | 1 | \$21.00 |
| 14 . | S Beakers | Pyrex, 1000mL/set of 6 | 1 | \$40.50 |
| 15 . | S Binoculars | 6 X 16 mag. | 15 | \$524.25 |
| 16 . | S Blood Chemistry Kit | simulated blood | 1 | \$69.70 |
| 17 . | S Brushes, flask | set /12 | 1 | \$46.80 |
| 18 . | S Brushes, test tube | set/12 | 1 | \$18.00 |
| 19 . | S Brushes,beaker | | 10 | \$40.00 |
| 20 . | S Butane gas lighter | refillable | 5 | \$22.50 |
| 21 . | S Butane gas lighter, canisters | refills | 5 | \$21.25 |
| 22 . | S Capillary tubes | box of 100 | 2 | \$17.90 |
| 23 . | S Cellophane, blue | 25 ft. roll | 1 | \$16.55 |
| 24 . | S Cellophane, green | 25 ft. roll | 1 | \$16.55 |
| 25 . | S Cellophane, red | 25 ft. roll | 1 | \$16.55 |
| 26 . | S cheesecloth | 4 sq. meters | 1 | \$4.95 |
| 27 . | S Chromotography kit | plant pigments, determine Rf values and functions | 1 | \$59.95 |

Science- Biology Unattached Equipment List

| | | | | | |
|------|---|-------------------------------|---|----|----------|
| 28 . | S | Clamps, test tube | set of 6 | 5 | \$45.00 |
| 29 . | S | Conductivity sensor | measures salinity, dissolved, solids | 3 | \$303.00 |
| 30 . | S | Cork borer set | set of 6 | 2 | \$43.50 |
| 31 . | S | Corks | set of 100-assorted sizes | 1 | \$17.50 |
| 32 . | S | Cover slips, glass | 1 oz pkg | 2 | \$13.60 |
| 33 . | S | Cover slips, plastic | 22 mm square - disposable plastic - 100/pkg. | 5 | \$17.25 |
| 34 . | S | Crucible and cover | 50 mL | 10 | \$40.00 |
| 35 . | S | Culture dishes | Glass | 10 | \$89.50 |
| 36 . | S | Dialysis tubing | 43 mm width/50' roll | 1 | \$29.95 |
| 37 . | S | Digital dissecting microscope | ex. Flexcam | 1 | \$349.00 |
| 38 . | S | Dip nets | 41 x 30 cm aquatic net | 5 | \$129.75 |
| 39 . | S | Dissection Kits | Ruler, scalpel, scissors, forceps, probes/needles | 15 | \$179.25 |
| 40 . | S | Dissection specimens | Fetal pigs-ex. Large, double injected/pkg. 10 | 1 | \$142.00 |
| 41 . | S | Dissection trays | Sturdy plastic pan with lid - reusable | 10 | \$142.50 |
| 42 . | S | Dissection- virtual lab | Yearly school subscription to dissection website | 1 | \$300.00 |
| 43 . | S | Dissolved oxygen sensor | measures level of oxygen in water | 3 | \$573.00 |
| 44 . | S | Distilled water | 5 gallons | 5 | \$6.25 |
| 45 . | S | Droppers | plastic, disposable, graduated, 1 mL/pkg. 500 | 2 | \$37.00 |
| 46 . | S | Electrophoresis Apparatus | DNA fingerprinting lab | 2 | \$240.00 |
| 47 . | S | Enzyme Lab Kit, Introductory | invertase, amylase, protease, salivary amylase | 3 | \$252.00 |
| 48 . | S | Erlenmeyer Flasks | Glass/heatable - 500mL /set of 6 | 1 | \$27.60 |
| 49 . | S | Erlenmeyer Flasks | Glass/heatable250 mL, /set of 12 | 1 | \$43.20 |
| 50 . | S | Erlenmeyer Flasks | Glass/heatable125mL /set of 12 | 1 | \$42.60 |
| 51 . | S | Erlenmeyer Flasks | Glass/heatable50mL /set of 12 | 1 | \$42.60 |
| 52 . | S | Field guides/dichotomous keys | trees, birds, insects, etc. | 30 | \$480.00 |
| 53 . | S | Food coloring | Red, green, blue, yellow, 4 droppers | 1 | \$4.25 |
| 54 . | S | Funnels | Polypropylene - 65 mm dia./set of 12 | 1 | \$21.00 |
| 55 . | S | Gas pressure sensor | respiration, fermentation | 6 | \$474.00 |
| 56 . | S | Gloves, latex /boxes of 100 | latex, or vinyl | 5 | \$49.75 |
| 57 . | S | Gloves,heat resistant | 12" long | 6 | \$131.70 |
| 58 . | S | Google sterilizing cabinet | | 1 | \$436.70 |
| 59 . | S | Goggles, safety | | 30 | \$172.50 |

Science- Biology Unattached Equipment List

| | | | | | | |
|----|---|---|----------------------------------|--|------------------|------------|
| 60 | . | S | Graduated Cylinders | 10mL | 15 | \$194.70 |
| 61 | . | S | Graduated Cylinders | 100mL | 15 | \$340.05 |
| 62 | . | S | Gravel | 2.5 kg | 1 | \$4.40 |
| 63 | . | S | Heart rate sensor | compare resting and exercise heartrates | 6 | \$474.00 |
| 64 | . | S | Hot plate/magnetic stirrers | Corning, digital | 1 per 4 students | \$1,170.80 |
| 65 | . | S | Human Skeleton Model | Adult size | 1 | \$300.00 |
| 66 | . | S | Human torso model | Plastic, removable organs | 1 | \$800.00 |
| 67 | . | S | Incubator | | 1 | \$300.00 |
| 68 | . | S | Indicator bottles | plastic -30 mL/ pkg. 12 | 2 | \$35.90 |
| 69 | . | S | Laboratory cart | | 1 | \$295.00 |
| 70 | . | S | Lens cleaning paper | 10 x 15 cm pkg of 50 | 10 | \$9.90 |
| 71 | . | S | Lens cleaning solution | 100 mL | 2 | \$10.80 |
| 72 | . | S | Light sensor | 0-15,000 lux | 6 | \$318.00 |
| 73 | . | S | Litmus paper | Hydrion AB ph Test Paper, 30' | 2 | \$13.50 |
| 74 | . | S | Meter sticks | | 15 | \$34.50 |
| 75 | . | S | Microscope maintenance kit | | 1 | \$75.00 |
| 76 | . | S | Microscope slides | plastic, disposable pkg. of 144 | 5 | \$49.75 |
| 77 | . | S | Microscope slides | glass, pkg of 72 | 2 | \$10.76 |
| 78 | . | S | Microscope slides | shallow depression slides/set of 12 | 3 | \$24.75 |
| 79 | . | S | Microscope slides- prepared | general biology set of 25 slides | 2 | \$240.08 |
| 80 | . | S | Microscopes, compound with light | 4x, 10x, 40 x lenses | 10 | \$1,950.00 |
| 81 | . | S | Microscopes, stereo dissecting | inbase, incandescent illumination, 48 mm x 40x | 4 | \$780.00 |
| 82 | . | S | Microwave | | 1 | \$50.00 |
| 83 | . | S | Model, ear | life size | 1 | \$52.30 |
| 84 | . | S | Model, eye | 8cm x 8 cm x 10 cm | 1 | \$49.95 |
| 85 | . | S | Model, heart | life size | 1 | \$54.95 |
| 86 | . | S | Modeling clay | set/variety of colors | 2 | \$33.90 |
| 87 | . | S | Mortar and pestle set | | 15 | \$144.00 |
| 88 | . | S | Nutrient agar | Laboratory grade - 500 g | 1 | \$45.45 |
| 89 | . | S | Oil Emersion Microscope lenses | | 5 | \$392.50 |
| 90 | . | S | Onion, root tips | Live, mitosis and meiosis lab | 1 | \$12.95 |
| 91 | . | S | Petri dishes, pkg of 25 | disposable, 100 x 15 mm, | 6 | \$65.70 |

Science- Biology Unattached Equipment List

| | | | | | | |
|-----|---|---|------------------------------------|---|------------------|----------|
| 92 | . | S | Petroleum jelly | 2.5 oz bottle | 5 | \$16.45 |
| 93 | . | S | Plant growth cart,portable | metal frame with plastic trays and flourescent lights | 1 | \$737.75 |
| 94 | . | S | Plant press | | 1 | \$37.95 |
| 95 | . | S | Plants,Live | representative set/ variety of plant types | 1 | \$78.95 |
| 96 | . | S | Plastic tubing | 25 ft. | 1 | \$30.00 |
| 97 | . | S | potting soil | 20 lbs. | 1 | \$10.00 |
| 98 | . | S | protist and invertebrate set, live | ameoba, paramecia, daphnia, euglena, planaria,etc, | 1 | \$39.95 |
| 99 | . | S | Protractors | | 30 | \$30.00 |
| 100 | . | S | PTC paper | Genetic test/tube of 100 | 3 | \$4.68 |
| 101 | . | S | Racks, test tube | polypropylene - all sizes | 10 | \$127.50 |
| 102 | . | S | Refrigerator | dorm size | 1 | \$70.00 |
| 103 | . | S | Rubber stoppers | set of assorted sizes/2 lbs. | 1 | \$22.70 |
| 104 | . | S | Rulers | Metric | 30 | \$30.00 |
| 105 | . | S | Scissors | general purpose, paper based labs | 30 | \$60.00 |
| 106 | . | S | Seeds | variety of flower and vegetable/individual packets | 10 | \$15.00 |
| 107 | . | S | Soil Analysis Kit | ID microbe, pH, fertility | 1 | \$77.50 |
| 108 | . | S | Sphygmomanometer with stethoscope | student grade | 4 | \$80.00 |
| 109 | . | S | Stethoscopes | | 1 per 2 students | \$111.00 |
| 110 | . | S | Stirring rods | glass, bundle of 50 | 1 | \$17.00 |
| 111 | . | S | Stopwatch | | 15 | \$179.25 |
| 112 | . | S | Straws | pkg of 100 | 3 | \$6.00 |
| 113 | . | S | Sugar | 5 lbs | 1 | \$4.75 |
| 114 | . | S | Temperature probe | stainless steel wide temp range | 6 | \$174.00 |
| 115 | . | S | Terrarium and accessories | glass , hood, lights, gravel, soil, dishes | 2 | \$99.90 |
| 116 | . | S | Test tubes | 20 x 150mm/ set of 72 | 1 | \$48.24 |
| 117 | . | S | Thermometers | °C and °F dual, non-mercury | 15 | \$87.75 |
| 118 | . | S | Water pollution kit | Calorimetric chemical analysis for water quality | 1 | \$120.00 |
| 119 | . | S | Wax marking pencils | for labeling glassware | 30 | \$30.00 |
| 120 | . | S | Yeast, dry | type used in baking-pkg. of 3 | 10 | \$20.00 |

S = Specialized

Total \$17,302.38

Science- Chemistry Unattached Equipment List

Facilities/Attached Equipment

| Item | Item Name | Specifications & Descriptions | Number per Classroom | Approximate Cost |
|------|---|---|----------------------|------------------|
| 1 . | R Teacher Desk | | 1 | \$400.00 |
| 2 . | R Teacher Chair | | 1 | \$130.00 |
| 3 . | R Student Table | Science table - chemical resistant 24" * 48" | 15 | \$4,095.00 |
| 4 . | R Student Chairs | | 30 | \$690.00 |
| 5 . | R Storage Cabinet | 46" * 24" * 78" lockable doors, adjustable shelf, lifting top | 2 | \$740.00 |
| 6 . | R Filing Cabinet(s) | 2-drawer 30" * 18" * 26" | 2 | \$358.00 |
| 7 . | R Bookshelves | 46" * 18" * 72" | 1 | \$234.95 |
| 8 . | R Desktop Computer w/ Printer (teacher) | | 1 | \$2,500.00 |
| 9 . | R Dry Erase Board | 5' * 8' metal frame, magnetic | 1 | \$419.00 |
| 10 . | R Integrated, interactive digital presentation system | Laptop, Interactive WhiteBoard, Projector | 1 | \$4,500.00 |
| 11 . | R DVD/DVR Player | player/recorder | 1 | \$179.00 |
| 12 . | R TV/Monitor | 32" or greater flat panel LCD | 1 | \$800.00 |
| 13 . | R Wireless enabled classroom | | | \$50.00 |
| 14 . | R TI-84 Silver Ed. or equivalent | Calculators | 28 | \$3,360.00 |
| 15 . | R Data collection device, real-time, handheld | interface with computer, graphing calculator, or stand-alone | 1 per 4 students | \$1,328.00 |
| 16 . | R Eye protection goggles | ANSI Z87 or Z87.1 approved | 24 | \$76.80 |
| 17 . | R Eye wash station | continuous flow, ANSI Z358.1-1998 | 1 | \$141.75 |
| 18 . | R Demonstration table | Service - water, electricity and gas | 1 | \$1,500.00 |
| 19 . | R Storage lab prep room | purge fan, 4 airchanges per hour to the outside air | | \$2,000.00 |
| 20 . | R Demonstration table w/water, electricity and gas | | 1 | \$1,500.00 |
| 21 . | R Eye wash station | continuous flow | 1 | \$141.75 |
| 22 . | R Fume Hood | motor mounts on top of the hood or in a remote location | 1 | \$4,796.00 |
| 23 . | R Acid storage cabinet | | 1 | \$947.00 |
| 24 . | R Flammable material storage cabinet | | 1 | \$393.75 |
| 25 . | R Hazardous materials containment unit | 100/pkg | 1pkg | \$41.50 |
| 26 . | R Safety shower | | 1 | \$265.15 |
| 27 . | R MSDS/ChemInventory 5.5 program | chemical safety and inventory software | site license | \$100.00 |
| 28 . | R Charts, laboratory safety | | 1 | \$62.00 |

R = Regular

Total \$31,749.65

Science- Chemistry Unattached Equipment List

Unattached Specialized Equipment

| Item | Item Name | Specifications & Descriptions | Number per Classroom | Approximate Cost | Shared Cost |
|------|-----------|---|----------------------|------------------|-------------|
| 1 . | S | Alligator clips | 24 | \$14.40 | \$14.40 |
| 2 . | S | Aprons, rubberized medium duty | 30 | \$321.48 | |
| 3 . | S | Aquarium 10 gallon, glass | 1 | \$30.70 | |
| 4 . | S | Aspirators, water metal (Chapman type) | 1 | \$15.20 | |
| 5 . | S | Balance electronic or triple beam (0.01 g sensitivity or better) | 15 | \$1,663.80 | |
| 6 . | S | Balance, analytical electronic (.001 sensitivity or better) | 1 | \$1,060.00 | |
| 7 . | S | Barometer Metric | 2 | \$51.00 | \$51.00 |
| 8 . | S | Barometer Digital (pressure, humidity, & temp) | 1 | \$153.15 | |
| 9 . | S | Beakers, Pyrex 2000 mL | 4 | \$69.52 | |
| 10 . | S | Beakers, Pyrex 1000 mL | 6 | \$45.06 | |
| 11 . | S | Beakers, Pyrex 600 mL | 16 | \$64.00 | |
| 12 . | S | Beakers, Pyrex 400 mL | 24 | \$71.04 | |
| 13 . | S | Beakers, Pyrex 250 mL | 24 | \$65.04 | |
| 14 . | S | Beakers, Pyrex 100 mL | 24 | \$65.04 | |
| 15 . | S | Beakers, Pyrex 50 mL | 24 | \$68.10 | |
| 16 . | S | Bottle, 20 L Carboy - HDPE | 2 | \$230.20 | |
| 17 . | S | Bottle, dropping, glass, square, Barnes with glass pipet and rubber bulb stopper | 60 | \$50.00 | |
| 18 . | S | Bottles, gas collecting 120 mL | 24 | \$28.80 | |
| 19 . | S | Bottles, laboratory polymethylpentene for reagents (assorted sizes) | | \$100.00 | |
| 20 . | S | Bottles, narrow mouth polypropylene with cap 250 mL | 1 per student | \$40.00 | |
| 21 . | S | Brush, bottle/beaker | 12 | \$48.24 | |
| 22 . | S | Brush, buret | 12 | \$29.64 | |
| 23 . | S | Brush, flask | 12 | \$46.80 | |
| 24 . | S | Brush, test tube | 12 | \$18.00 | |
| 25 . | S | Buret clamp, double | 1 per 2 students | \$175.00 | |
| 26 . | S | Buret, borosilicate glass - Teflon stopcock 50 mL (.1mL) | 30 | \$2,137.20 | |
| 27 . | S | Burner tubing 10 ft. length, black rubber | 1 | \$7.55 | |

Science- Chemistry Unattached Equipment List

| | | | | | | | |
|----|---|---|--------------------------------|---|------------------|----------|---------|
| 28 | . | S | Burner, Bunsen | Bunsen Burner | 15 | \$252.00 | |
| 29 | . | S | Calorimeter | | 1 per 2 students | \$125.25 | |
| 30 | . | S | Centrifuge | | 1 | \$219.00 | |
| 31 | . | S | chart,period table, wall | 8' X 4' | 1 | \$142.95 | |
| 32 | . | S | Chromatography paper | 1 roll - 2 cm * 100 m | 1 | \$26.00 | |
| 33 | . | S | Clamp holder | | 15 | \$186.75 | |
| 34 | . | S | Clamp, single buret | plain jaw | 24 | \$180.00 | |
| 35 | . | S | Clamp, test tube | | 1 per 2 students | \$16.00 | |
| 36 | . | S | Condenser, Leibig | borosilicate glass | 15 | \$975.00 | |
| 37 | . | S | Conductivity meter | 1 per 4 students | 7 | \$399.00 | |
| 38 | . | S | Cork borer set | plated brass borers (3/16 => .5 inches) | 2 | \$42.00 | |
| 39 | . | S | Cork | Various diameters (box) | 2 | \$40.00 | |
| 40 | . | S | Crucible | 1 per student | 30 | \$94.50 | |
| 41 | . | S | Crucible cover | 1 per student | 30 | \$54.00 | |
| 42 | . | S | Crucible tongs | | 1 per 2 students | \$71.25 | |
| 43 | . | S | Demonstration shield | 36" x 24 " | 1 | \$343.00 | |
| 44 | . | S | Dessicant, calcium chloride | 2 kg | 1 | \$13.45 | |
| 45 | . | S | Dessicator | polypropylene, holds all sizes | 1 | \$58.65 | |
| 46 | . | S | Dessicator plate | plastic | 1 | \$15.20 | |
| 47 | . | S | Diffraction grating | 1 per 2 students | 15 | \$20.00 | \$20.00 |
| 48 | . | S | Dropper bottles, polypropylene | 60 mL, pkg. 12 | 3 | \$69.84 | |
| 49 | . | S | Drying oven | 2.0 cubic ft. | 1 | \$529.75 | |
| 50 | . | S | Drying rack | vinyl coated | 1 | \$93.00 | |
| 51 | . | S | Electrolysis apparatus | Brownlee | 1 per 4 students | \$317.20 | |
| 52 | . | S | Erlenmeyer flasks | 50 mL | 30 | \$120.60 | |
| 53 | . | S | Erlenmeyer flasks | 250 mL | 30 | \$117.90 | |
| 54 | . | S | Erlenmeyer flasks | 500 mL | 30 | \$148.50 | |
| 55 | . | S | Erlenmeyer flasks | 1000 mL | 15 | \$120.90 | |
| 56 | . | S | Evaporating dish | 1 per student | 30 | \$171.00 | |
| 57 | . | S | Filter paper | 4.25 cm pkg of 100 | 1 | \$25.00 | |
| 58 | . | S | First Aid kit | OSHA compliant, deluxe | 1 | \$66.50 | |
| 59 | . | S | Filter paper | 7 cm pkg of 101 | | \$14.00 | |

Science- Chemistry Unattached Equipment List

| | | | | | | | |
|----|---|---|---------------------------------------|---|------------------|------------|----------|
| 60 | . | S | Fire blanket | with case | 1 | \$51.85 | |
| 61 | . | S | Fire extinguisher | dry chemical 20 in., ABC | 1 | \$99.71 | |
| 62 | . | S | Forceps, straight | | 15 | \$35.25 | |
| 63 | . | S | Funnel | | 16 | \$45.00 | |
| 64 | . | S | Gas measuring tubes | 50 mL | 15 | \$569.25 | |
| 65 | . | S | Geiger Counter & sample radiation kit | | 1 | \$270.00 | \$270.00 |
| 66 | . | S | Glass rod supply | package of 10 | 2 | \$6.80 | |
| 67 | . | S | Glass tubing cutter | cut up to 38 mm o.d. | | \$12.00 | |
| 68 | . | S | Glass tubing, Borosilicate | 5mm o.d., 4mm i.d. 24" length, pkg. of 10 | 2 | \$16.40 | |
| 69 | . | S | Glass tubing, Borosilicate | 7mm o.d., 6mm i.d. 24" length, pkg. of 11 | 2 | \$17.30 | |
| 70 | . | S | Glass tubing, soft glass | 5mm o.d., 4mm i.d. 24" length, pkg. of 10 | 2 | \$14.40 | |
| 71 | . | S | Glass tubing, soft glass | 7mm o.d., 6mm i.d. 24" length, pkg. of 11 | 2 | \$17.00 | |
| 72 | . | S | Gloves, hot mill | cotton and canvas | 6 | \$42.30 | |
| 73 | . | S | Gloves, neoprene-coated | | 6 | \$73.80 | |
| 74 | . | S | Gloves, polyethylene, disposable | package of 500 | 1 | \$33.20 | |
| 75 | . | S | Goggle sterilizer cabinet | holds 36 goggles | 1 | \$454.90 | |
| 76 | . | S | Goggles | chemical splash resistant | 30 | \$96.00 | |
| 77 | . | S | Graduated cylinders | 10 mL, set of 12 | 2 | \$170.40 | |
| 78 | . | S | Graduated cylinders | 50 mL, set of 12 | 2 | \$188.88 | |
| 79 | . | S | Graduated cylinders | 100 mL, set of 12 | 2 | \$238.56 | |
| 80 | . | S | Graduated cylinders | 1000 mL, set of 4 | 1 | \$163.60 | |
| 81 | . | S | Graduated cylinders | 2000 mL, set of 2 | 1 | \$127.24 | |
| 82 | . | S | Hand lens | plastic | 15 | \$27.27 | |
| 83 | . | S | hot hands or hot gloves | plastic | 1 per 4 students | \$110.00 | |
| 84 | . | S | Hot plate/magnetic stirrers | Corning, digital | 1 per 4 students | \$1,170.80 | |
| 85 | . | S | Hydrometer | | 1 per 4 students | \$113.20 | |
| 86 | . | S | Indicator - BPB | 5 g | 1 | \$15.95 | |
| 87 | . | S | Indicator - BCG | 5 g | 1 | \$21.70 | |
| 88 | . | S | Indicator - bromthymol blue | 5 g | 1 | \$18.35 | |
| 89 | . | S | Indicator - MCP | 5 g | 1 | \$9.80 | |
| 90 | . | S | Indicator - methyl red | 5 g | 1 | \$8.35 | |
| 91 | . | S | Indicator - orange | 25 g | 1 | \$9.80 | |

Science- Chemistry Unattached Equipment List

| | | | | | | | | |
|-----|---|---|-----------------------------------|---|--|------------------|------------|------------|
| 92 | . | S | Indicator - phenolphthalein | 100 g | | 1 | \$14.15 | |
| 93 | . | S | Indicator - Sudan III | 5 g | | 1 | \$8.60 | |
| 94 | . | S | Indicator - TB | 1 g | | 1 | \$7.75 | |
| 95 | . | S | Indicator - universal | 100 mL | | 1 | \$7.50 | |
| 96 | . | S | Light box | 10" x 12" | | 1 | \$81.85 | \$81.85 |
| 97 | . | S | Meter sticks | wooden | | 15 | \$34.50 | |
| 98 | . | S | Microelectrolysis apparatus | 1 per classroom | | 1 | \$15.50 | |
| 99 | . | S | Micropipet | plastic | | 500 | \$45.00 | |
| 100 | . | S | Model, molecular, wooden | 65 pieces | | 1 per 2 students | \$232.50 | |
| 101 | . | S | Model, organic molecular, plastic | demonstration kit | | 1 per school | \$145.50 | |
| 102 | . | S | Model, shapes of molecules | | | 1 per school | \$49.90 | |
| 103 | . | S | Mortar and pestle, porcelain | 70 mL with pour spout | | 1 per student | \$144.00 | |
| 104 | . | S | Nichrome wire | nichrome wire (25 g) w/3-mm loop in an 8" Al handle | | 12 | \$25.00 | |
| 105 | . | S | Paper labels | 1000/roll | | 1 | \$19.75 | |
| 106 | . | S | Petri dish, plastic | pkg. 25 disposable 100mm x 15 mm | | 2 | \$21.90 | |
| 107 | . | S | Tongs, beaker | | | 1 per 2 students | \$95.25 | |
| 108 | . | S | Pinch clamp, adjustable | | | 30 | \$24.00 | |
| 109 | . | S | Pipet support stand | | | 2 | \$41.60 | |
| 110 | . | S | Pipet, Beral-type | thin stem | | 500 | \$22.50 | |
| 111 | . | S | Pipet, Beral-type | micro tip | | 500 | \$30.00 | |
| 112 | . | S | Pipet, Beral-type | micro tip - small | | 500 | \$31.00 | |
| 113 | . | S | Pipet, Beral-type | extra large bulb | | 400 | \$22.50 | |
| 114 | . | S | Pipet, Beral-type | graduated | | 500 | \$22.50 | |
| 115 | . | S | Pipet, Beral-type | wide stem | | 500 | \$22.50 | |
| 116 | . | S | Pipet, Beral-type | super jumbo | | 250 | \$23.00 | |
| 117 | . | S | Pipette bulbs | heavyweight natural rubber | | 30 | \$72.00 | |
| 118 | . | S | Pipettes, volumetric | 10 ml graduated | | 30 | \$17.10 | |
| 119 | . | S | Pneumatic trough | polypropylene | | 1 per 2 students | \$315.00 | |
| 120 | . | S | Pipestem triangles | 2 1/2 " | | 1 per 2 students | \$36.00 | |
| 121 | . | S | Power source, AC/DC | | | 8 | \$1,000.00 | \$1,000.00 |
| 122 | . | S | Racks, test tube | polypropylene, holds all sizes | | 10 | \$127.50 | |
| 123 | . | S | Ring stand | heavy -duty base, zinc-plated steel rod | | 15 | \$126.75 | |

Science- Chemistry Unattached Equipment List

| | | | | | | | |
|-----|---|---|------------------------------|---|------------------|----------|----------|
| 124 | . | S | Ring, iron | 3" | 15 | \$61.50 | |
| 125 | . | S | Rubber stoppers | assorted sizes | 3 lb | \$32.25 | |
| 126 | . | S | Safety wall chart | 36" x 44" | 1 | \$61.90 | |
| 127 | . | S | Sensor, colorimeter | | 4 | \$448.00 | |
| 128 | . | S | Sensor, conductivity | | 4 | \$368.00 | |
| 129 | . | S | Sensor, gas pressure sensor | | 4 | \$316.00 | \$316.00 |
| 130 | . | S | Sensor, light | | 4 | \$196.00 | \$196.00 |
| 131 | . | S | Sensor, microphone | | 4 | \$148.00 | \$148.00 |
| 132 | . | S | Sensor, motion | | 2 | \$150.00 | \$150.00 |
| 133 | . | S | Sensor, pH | | 8 | \$624.00 | |
| 134 | . | S | Sensor, radation monitor | | 1 | \$215.00 | \$215.00 |
| 135 | . | S | Sensor, temperature | | 4 | \$116.00 | \$116.00 |
| 136 | . | S | Spatula, spoon | micro | 15 | \$69.00 | |
| 137 | . | S | Specific heat set | metals - Al, Cu, Pb, Sn, Zn | 5 | \$122.00 | |
| 138 | . | S | Spectroscope | | 1 per 4 students | \$230.40 | \$230.40 |
| 139 | . | S | Spectrum tube power supply | | 1 | \$43.95 | |
| 140 | . | S | Spectrum tube, chlorine gas | | 1 | \$46.30 | |
| 141 | . | S | Spectrum tube, water vapor | | 1 | \$32.10 | |
| 142 | . | S | Spectrum tube, air | | 1 | \$32.10 | |
| 143 | . | S | Spectrum tube, helium gas | | 1 | \$32.10 | |
| 144 | . | S | Spectrum tube, hydrogen gas | | 1 | \$35.55 | |
| 145 | . | S | Spectrum tube, krypton | | 1 | \$35.70 | |
| 146 | . | S | Spectrum tube, mercury vapor | | 1 | \$43.95 | |
| 147 | . | S | Spectrum tube, neon gas | | 1 | \$32.10 | |
| 148 | . | S | Spectrum tube, oxygen gas | | 1 | \$32.10 | |
| 149 | . | S | Stirring rods | glass, bundle of 50 | 3 | \$51.00 | |
| 150 | . | S | Test papers - Litmus, BLUE | 13 vials (100 strips/vial) | | \$9.60 | |
| 151 | . | S | Test papers - Litmus, RED | 12 vials (100 strips/vial) | | \$9.60 | |
| 152 | . | S | Test tubes (heatable) | 12 mm * 75 mm | 72 | \$27.36 | |
| 153 | . | S | Test tubes (heatable) | 13 mm * 100 mm | 72 | \$30.96 | |
| 154 | . | S | Test tubes (heatable) | 25 mm * 200 mm | 48 | \$72.00 | |
| 155 | . | S | Thermometers, non mercury | centigrade, -10 to 150 C, spirit-filled | 30 | \$175.50 | |

Science- Chemistry Unattached Equipment List

| | | | | | | | |
|-----|---|---|--|------------------------------------|------------------|----------|---------|
| 156 | . | S | Tubes, capillary | both ends open (vial of 100) | 1 vial | \$7.00 | |
| 157 | . | S | Tubes, capillary | one end open (vial of 100) | 1 vial | \$8.00 | |
| 158 | . | S | Tubing, black rubber for burners - 50 ft. bx | i.d. 1/4", wall thickness 1/8" | 1 box | \$45.55 | \$45.55 |
| 159 | . | S | Tubing, black rubber for burners - 50 ft. bx | i.d. 1/2", wall thickness 1/8" | 1 box | \$70.05 | |
| 160 | . | S | Tubing, red rubber - for pressure vacuum | i.d. 1/4", wall thickness 1/8" | 2 box | \$45.55 | |
| 161 | . | S | Vacuum bottles, side arm | flask, filtering, 250 mL, set of 6 | 1 | \$86.28 | |
| 162 | . | S | Wash bottle, plastic | 250 mL | 1 per 2 students | \$44.25 | |
| 163 | . | S | Well plates (microscale) | 6 wells | 1 per student | \$90.00 | |
| 164 | . | S | Well plates (microscale) | 24 wells | 1 per student | \$90.00 | |
| 165 | . | S | Well plates (microscale) | 48 wells | 1 per student | \$100.00 | |
| 166 | . | S | Well plates (microscale) | 96 wells | 1 per student | \$100.00 | |
| 167 | . | S | Wire gauze | ceramic coated | 30 | \$58.50 | |

S = Specialized

Total \$23,514.01 \$2,854.20

Shared Cost \$20,659.81

Science- Physics Unattached Equipment List

Facilities/Attached Equipment

| Item | | Item Name | Specifications & Descriptions | Number per Classroom | Approximate Cost |
|------|---|---|---|----------------------|--------------------|
| 1 | R | Teacher Desk | | 1 | \$400.00 |
| 2 | R | Teacher Chair | | 1 | \$130.00 |
| 3 | R | Student Table | Science table - chemical resistant 24" * 48" | 15 | \$4,095.00 |
| 4 | R | Student Chairs | | 30 | \$690.00 |
| 5 | R | Storage Cabinet | 46" * 24" * 78" lockable doors, adjustable shelf, lifting top | 2 | \$740.00 |
| 6 | R | Filing Cabinet(s) | 2-drawer 30" * 18" * 26" | 2 | \$358.00 |
| 7 | R | Bookshelf | 46" * 18" * 72" | 1 | \$234.95 |
| 8 | R | Desktop Computer w/ Printer (teacher) | | 1 | \$2,500.00 |
| 9 | R | Dry Erase Board | 5' * 8' metal frame, magnetic | 1 | \$419.00 |
| 10 | R | Integrated, interactive digital presentation system | Laptop, Interactive WhiteBoard, Projector | 1 | \$4,500.00 |
| 11 | R | DVD/DVR Player | player/recorder | 1 | \$179.00 |
| 12 | R | TV/Monitor | 32" or greater flat panel LCD | 1 | \$800.00 |
| 13 | R | Wireless enabled classroom | | | \$50.00 |
| 14 | R | TI-84 Silver Ed. or equivalent | Calculators | 28 | \$3,360.00 |
| 15 | R | Data collection device, real-time, handheld | interface with computer, graphing calculator, or stand-alone | 1 per 4 students | \$1,328.00 |
| 16 | R | Eye protection goggles | ANSI Z87 or Z87.1 approved | 30 | \$76.80 |
| 17 | R | Eye wash station | continuous flow, ANSI Z358.1-1998 | 1 | \$141.75 |
| 18 | R | Safety shower | | 1 | \$265.15 |
| 19 | R | Demonstration table | Service - water, electricity and gas | 1 | \$1,500.00 |
| 20 | R | Storage lab prep room (1 for 5-8) | purge fan,4 airchanges per hour to the outside air | | \$0.00 |
| 21 | R | Fume Hood | motor mounts on top of the hood or in a remote location | 1 | \$4,796.00 |
| 22 | R | Charts, laboratory safety | | 1 | \$62.00 |
| | | | | Total | \$26,625.65 |

R = Regular

Science- Physics Unattached Equipment List

Unattached Specialized Equipment

| Item | Item Name | Specifications & Descriptions | Number per Classroom | Approximate Cost | Shared Cost | |
|------|-----------|---------------------------------|--|------------------|-------------|------------|
| 1 . | S | Alligator clips | 48 | \$28.80 | | |
| 2 . | S | Archimedes' apparatus | 1 per 4 students | \$199.20 | | |
| 3 . | S | Aspirators, water | metal (Chapman type) | 1 | \$15.20 | |
| 4 . | S | Balance | electronic or triple beam (0.01 g sensitivity or better) | 15 | \$1,663.80 | \$1,663.80 |
| 5 . | S | Balance, analytical | electronic (.001 sensitivity or better) | 1 | \$1,060.00 | \$1,060.00 |
| 6 . | S | Barometer,metric | | 1 | \$26.00 | |
| 7 . | S | Batter charger | | 2 | \$72.90 | |
| 8 . | S | Batteries, AA | rechargeable | 24 | \$100.50 | |
| 9 . | S | Batteries, C | rechargeable | 6 | \$50.85 | |
| 10 . | S | Batteries, D | rechargeable | 6 | \$50.85 | |
| 11 . | S | Beakers, Pyrex | 1000 mL | 6 | \$64.04 | \$64.04 |
| 12 . | S | Beakers, Pyrex | 600 mL | 16 | \$65.04 | \$65.04 |
| 13 . | S | Beakers, Pyrex | 400 mL | 24 | \$30.00 | \$30.00 |
| 14 . | S | Beakers, Pyrex | 250 mL | 24 | \$71.04 | \$71.04 |
| 15 . | S | Beakers, Pyrex | 100 mL | 24 | \$43.50 | \$43.50 |
| 16 . | S | Beakers, Pyrex | 50 mL | 24 | \$48.00 | \$48.00 |
| 17 . | S | Boyle's law apparatus | | 1 per 4 students | \$139.20 | |
| 18 . | S | Brass weight set, | 500 g to 1 g | 1 per 4 students | \$529.60 | |
| 19 . | S | Brush, bottle/beaker | | 12 | \$48.24 | \$48.24 |
| 20 . | S | Burner, Bunsen | | 15 | \$252.00 | \$252.00 |
| 21 . | S | Calorimeter | | 1 per 2 students | \$125.25 | \$125.25 |
| 22 . | S | Capacitor | demonstration | 1 | \$30.00 | |
| 23 . | S | Cartesian diver apparatus | | 1 per 4 students | \$151.60 | |
| 24 . | S | Carts, motion and force | | 1 per 4 students | \$144.40 | |
| 25 . | S | Cathode ray tubes | assorted | 1 | \$215.00 | |
| 26 . | S | Centripetal force apparatus | | 1 per 4 students | \$1,960.00 | |
| 27 . | S | Chart, electromagnetic spectrum | | 1 | \$18.65 | |
| 28 . | S | Chart, lab safety | | 1 | \$61.90 | |
| 29 . | S | Chart, lab safety symbols | | 1 | \$14.95 | |

Science- Physics Unattached Equipment List

| | | | | | | | |
|----|---|---|---------------------------------------|---|---------------------|----------|----------|
| 30 | . | S | Chart, light | | 1 | \$19.95 | |
| 31 | . | S | Chart, sound and waves | | 1 | \$19.95 | |
| 32 | . | S | Chart, spectrum analysis | | 1 | \$24.15 | |
| 33 | . | S | Compass | directional | 1 per 2 students | \$39.00 | |
| 34 | . | S | Constant speed vehicle | | 1 per 4 students | \$197.60 | |
| 35 | . | S | Coulomb's law apparatus | | 1 per 4 students | \$278.00 | |
| 36 | . | S | Demonstration shield | 36" x 24 " | 1 | \$343.00 | \$343.00 |
| 37 | . | S | Diffraction grating | | 15 | \$20.00 | |
| 38 | . | S | Electrolysis apparatus | Brownlee | 1 per 4 students | \$317.20 | \$317.20 |
| 39 | . | S | Dynamics carts and track | | 1 per 4 students | \$724.00 | |
| 40 | . | S | Electric circuit kit | kit for 30 students | 1 per 4 students | \$886.80 | |
| 41 | . | S | Electrostatic generator | | 1 | \$121.25 | |
| 42 | . | S | Eye droppers | pkg of 12 | pkg per 4 student | \$19.60 | |
| 43 | . | S | Filter, polarizing | | 3 | \$393.30 | |
| 44 | . | S | Filters, colored | gelatin, set | 1 set per 4 student | \$49.20 | |
| 45 | . | S | Fire Blanket | with case | 1 | \$92.00 | |
| 46 | . | S | First Aid kit | OSHA compliant, deluxe | 1 | \$66.50 | |
| 47 | . | S | Fire extinguisher | dry chemical 20 in., ABC | 1 | \$99.71 | |
| 48 | . | S | Flashlight | | 1 per 4 students | \$78.80 | |
| 49 | . | S | Force table | | 1 per 8 students | \$413.40 | |
| 50 | . | S | Forceps, straight | | 15 | \$285.00 | \$285.00 |
| 51 | . | S | Galvanometer | -35 to +35 mV | 1 per 4 students | \$124.00 | |
| 52 | . | S | Geiger Counter & sample radiation kit | | 1 | \$270.00 | \$270.00 |
| 53 | . | S | Genecon | | 1 per 4 students | \$431.60 | |
| 54 | . | S | Gloves, hot mill | cotton and canvas | 6 | \$42.30 | \$42.30 |
| 55 | . | S | Glass tubing | 7mm o.d., 6mm i.d. 24" length, pkg. of 11 | 2pkg | \$64.00 | \$64.00 |
| 56 | . | S | Goggle sterilizer cabinet | holds 36 goggles | 1 | \$436.70 | |
| 57 | . | S | Goggles, safety | | 30 | \$172.50 | |
| 58 | . | S | Graduated cylinders, glass | 10 ml, set of 12 | 2 | \$170.40 | \$170.40 |
| 59 | . | S | Graduated cylinders, glass | 50 ml, set of 12 | 2 | \$188.88 | \$188.88 |
| 60 | . | S | Graduated cylinders, glass | 100 ml, set of 12 | 2 | \$238.56 | \$238.56 |
| 61 | . | S | Gyroscope | large -- bicycle wheel shaft | 1 | \$92.10 | |

Science- Physics Unattached Equipment List

| | | | | | | |
|----|---|---|--|---------------------|------------|------------|
| 62 | S | Hook weight set | 1000g to 10 g | 1 per 4 students | \$280.00 | |
| 63 | S | Hooke's law apparatus | | 1 per 4 students | \$225.60 | |
| 64 | S | Hot mitts | silicon | 1 per 2 students | \$64.40 | |
| 65 | S | Hot plate | corning, digital | 1 per 4 students | \$1,170.80 | \$1,170.80 |
| 66 | S | Laboratory aprons | | 1 per student | \$330.00 | |
| 67 | S | Lamp receptacles | | 30 | \$33.00 | |
| 68 | S | Lamp, infrared | clamp type | 1 per 4 students | \$236.00 | |
| 69 | S | Lamp, UV | | 4 | \$106.80 | |
| 70 | S | Laser kit w/ pointer | | 1 per 4 students | \$175.60 | |
| 71 | S | Lens holders | pkg of 6 | 1 per 4 students | \$31.60 | |
| 72 | S | Lenses, student set | convexo-concave, plano-convex, plano-concave | 1 set per 4 student | \$99.60 | |
| 73 | S | Light box w/ power supply | Rive Ray Box or similar equipment | 1 per 4 students | \$1,079.60 | |
| 74 | S | Linear expansion apparatus | | 1 | \$193.85 | |
| 75 | S | Magnet, bar, steel | | 2 per 4 students | \$116.00 | |
| 76 | S | Magnet, cow | | 1 per 4 students | \$94.00 | |
| 77 | S | Magnet, cylindrical | | 1 per 4 students | \$88.00 | |
| 78 | S | Magnet, horseshoe | | 1 per 4 students | \$84.00 | |
| 79 | S | Magnetic field demonstrator | iron filings inside a case | 1 per 4 students | \$198.40 | |
| 80 | S | Magnets, ceramic discs | pkg of 6 | pkg per 4 student | \$42.80 | |
| 81 | S | Meter sticks | | 1 per 2 students | \$34.50 | |
| 82 | S | Metric tape | wind-up | 1 per 2 students | \$150.75 | |
| 83 | S | Mirrors, concave | spherical, glass, 75mm | 1 set per 2 student | \$38.00 | |
| 84 | S | Mirrors, convex, | spherical, glass, 75mm | 1 per 4 students | \$36.40 | |
| 85 | S | Mirrors, flat, | acrylic, 10 x 15 cm | 1 per 4 students | \$27.20 | |
| 86 | S | Optic bench | meter stick | 1 per 4 students | \$263.60 | |
| 87 | S | O-Scope Extech 5 MHz Dual Channel Oscilloscope MultiScope | | 4 | \$2,000.00 | |
| 88 | S | Photogate | with timer | 1 per 4 students | \$1,759.92 | |
| 89 | S | Pinch clamp, adjustable | | 30 | \$24.00 | \$24.00 |
| 90 | S | Plastic "hot hands" or hot gloves | | 1 per 4 students | \$110.00 | \$110.00 |
| 91 | S | Power source, AC/DC | | 8 | \$1,000.00 | |
| 92 | S | Prisms | circular, triangular, rectangular | 1 per 4 students | \$126.20 | |
| 93 | S | Probe, differential voltage | | 1 per 4 students | \$280.00 | |

Science- Physics Unattached Equipment List

| | | | | | | |
|-------|---|--|---------------------------------|------------------|----------|----------|
| 94 . | S | Probe, temperature | | 1 per 4 students | \$304.00 | |
| 95 . | S | Probe, voltage | | 1 per 4 students | \$96.00 | |
| 96 . | S | Pulley, single | | 1 per 2 students | \$39.75 | |
| 97 . | S | Pulleys, double | | 1 per 2 students | \$21.00 | |
| 98 . | S | Pulleys, triple | | 1 per 2 students | \$68.25 | |
| 99 . | S | Radiometer | | 1 per 4 students | \$47.80 | |
| 100 . | S | Refrigerator | dorm size | | \$70.00 | |
| 101 . | S | Resistance board | | 1 per 4 students | \$428.80 | |
| 102 . | S | Resonance tubes | | 1 per 4 students | \$816.00 | |
| 103 . | S | Ring stand | | 1 per student | \$253.50 | \$253.50 |
| 104 . | S | Ring stand accessory, ring | support ring with rod clamp, 3" | 1 per students | \$348.00 | \$348.00 |
| 105 . | S | Ring stand accessory, thermometer clamp | | 1 per 2 students | \$201.00 | |
| 106 . | S | Rings stand accessory, hook collar clamp | | 1 per 2 students | \$83.40 | |
| 107 . | S | Ripple tank | | 1 | \$260.40 | |
| 108 . | S | Rockets | | 1 per 4 students | \$88.80 | |
| 109 . | S | Rubber stoppers | assorted sizes | 3 lb | \$32.25 | |
| 110 . | S | Sensor, gas pressure sensor | | 4 | \$316.00 | |
| 111 . | S | Sensor, current | | 1 per 4 students | \$296.00 | |
| 112 . | S | Sensor, force | | 1 per 4 students | \$872.00 | |
| 113 . | S | Sensor, light | | 1 per 4 students | \$392.00 | |
| 114 . | S | Sensor, low-g accelerometer | | 1 per 4 students | \$784.00 | |
| 115 . | S | Sensor, magnetic field sensor | | 1 per 4 students | \$448.00 | |
| 116 . | S | Sensor, microphone | | 1 per 4 students | \$296.00 | |
| 117 . | S | Sensor, motion | | 1 per 4 students | \$600.00 | |
| 118 . | S | Sensor, radation monitor | | 1 per 4 students | \$215.00 | |
| 119 . | S | Sensor, temperature | | 1 per 4 students | \$304.00 | |
| 120 . | S | Sensor, UVA | | 1 | \$99.00 | |
| 121 . | S | Sensor, UVB | | 1 | \$99.00 | |
| 122 . | S | Sine wave apparatus | | 1 | \$190.00 | |
| 123 . | S | Slinky | | 1 per 4 students | \$38.63 | |
| 124 . | S | Slotted weight hangar | | 1 per 4 students | \$42.80 | |
| 125 . | S | Slotted weight set | set 10g to 200g | 1 per 4 students | \$327.60 | |

Science- Physics Unattached Equipment List

| | | | | | | | |
|--------------------|---|---|---|---|-------------------|--------------------|-------------------|
| 126 | . | S | Solar cell kit | | 1 per 4 students | \$394.40 | |
| 127 | . | S | Spectroscope | | 1 per 4 students | \$230.40 | |
| 128 | . | S | Spectrum tube power supply | | 1 | \$43.95 | \$43.95 |
| 129 | . | S | Spectrum tube, water vapor | | 1 | \$32.10 | \$32.10 |
| 130 | . | S | Spectrum tube, air | | 1 | \$32.10 | \$32.10 |
| 131 | . | S | Spectrum tube, chlorine gas | | 1 | \$46.30 | \$46.30 |
| 132 | . | S | Spectrum tube, oxygen gas | | 1 | \$32.10 | \$32.10 |
| 133 | . | S | Spectrum tube, helium gas | | 1 | \$32.10 | \$32.10 |
| 134 | . | S | Spectrum tube, hydrogen gas | | 1 | \$35.55 | \$35.55 |
| 135 | . | S | Spectrum tube, krypton | | 1 | \$35.70 | \$35.70 |
| 136 | . | S | Spectrum tube, mercury vapor | | 1 | \$43.95 | \$43.95 |
| 137 | . | S | Spectrum tube, neon gas | | 1 | \$32.10 | \$32.10 |
| 138 | . | S | Spring scale, demonstration | capacity: 50 newtons | 1 | \$39.60 | |
| 139 | . | S | Spring scale, pull type | capacity: 1000g/10 newtons | 1 per 4 students | \$45.00 | |
| 140 | . | S | Stop watch | | 1 per 2 students | \$179.25 | |
| 141 | . | S | Springs, coil | 5 mL stainless steel, 25 mm | 1 pkg. | \$37.20 | |
| 142 | . | S | Springs, coil | 5 mL stainless steel, 50 mm | | \$43.10 | |
| 143 | . | S | Springs, coil | 5 mL stainless steel, 75 mm | | \$50.40 | |
| 144 | . | S | Strobe light, handheld | | 1 per 4 students | \$86.00 | |
| 145 | . | S | Stroboscope | hand held | 1 | \$230.00 | |
| 146 | . | S | Thermometer | centigrade, -10 to 150 C, spirit-filled | 30 | \$175.50 | \$175.50 |
| 147 | . | S | Trajectory apparatus (Ballistic Pendulum Apparatus) | | 10 | \$495.60 | |
| 148 | . | S | Tubing, black rubber for burners - 50 ft. bx | i.d. 1/4", wall thickness 1/8" | 1 box | \$45.55 | |
| 149 | . | S | Tuning forks | set of 8 | 4 | \$287.40 | |
| 150 | . | S | Vacuum pump | hand operated | 4 | \$532.68 | |
| 151 | . | S | Vernier calipers | | 1 per 4 students | \$59.20 | |
| 152 | . | S | Wax marking pencils | | 1 per 2 students | \$15.00 | |
| 153 | . | S | Wire, bell | AWG 18 coated, 40m | 1 per students | \$44.50 | |
| 154 | . | S | Wire gauze | ceramic coated | 30 | \$58.50 | \$58.50 |
| 155 | . | S | Wire, copper, coated | red, black, white | 1 roll each color | \$37.15 | |
| Total | | | | | | \$36,431.94 | \$7,896.50 |
| Shared Cost | | | | | | \$28,535.44 | |

Science- Anatomy Physiology Unattached Equipment List

Facilities/Attached Equipment

| Item | Item Name | Specifications & Descriptions | Number per Classroom | Approximate Cost |
|--------------------|---|---|----------------------|--------------------|
| 1 . | R Teacher Desk | | 1 | \$400.00 |
| 2 . | R Teacher Chair | | 1 | \$130.00 |
| 3 . | R Student Table | Science table - chemical resistant 24" * 48" | 15 | \$4,095.00 |
| 4 . | R Student Chairs | | 30 | \$690.00 |
| 5 . | R Storage Cabinet | 46" * 24" * 78" lockable doors, adjustable shelf, lifting top | 2 | \$740.00 |
| 6 . | R Filing Cabinet(s) | 2-drawer 30" * 18" * 26" | 2 | \$358.00 |
| 7 . | R Bookshelf | 46" * 18" * 72" | 1 | \$234.95 |
| 8 . | R Desktop Computer w/ Printer (teacher) | | 1 | \$2,500.00 |
| 9 . | R Dry Erase Board | 5' * 8' metal frame, magnetic | 1 | \$419.00 |
| 10 . | R Integrated, interactive digital presentation system | Laptop, Interactive WhiteBoard, Projector | 1 | \$4,500.00 |
| 11 . | R DVD/DVR Player | player/recorder | 1 | \$179.00 |
| 12 . | R TV/Monitor | 32" or greater flat panel LCD | 1 | \$800.00 |
| 13 . | R Wireless enabled classroom | | | \$50.00 |
| 14 . | R TI-84 Silver Ed. or equivalent | Calculators | 28 | \$3,360.00 |
| 15 . | R Data collection device, real-time, handheld | interface with computer, graphing calculator, or stand-alo | 1 per 4 students | \$1,328.00 |
| 16 . | R Eye protection goggles | ANSI Z87 or Z87.1 approved | 30 | \$76.80 |
| 17 . | R Eye wash station | continuous flow, ANSI Z358.1-1998 | 1 | \$141.75 |
| 18 . | R Safety shower | | 1 | \$265.15 |
| 19 . | R Demonstration table | Service - water, electricity and gas | 1 | \$1,500.00 |
| 20 . | R Storage lab prep room (1 for 5-8) | purge fan,4 airchages per hour to the outside air | | \$0.00 |
| 21 . | R Charts, laboratory safety | | 1 | \$62.00 |
| R = Regular | | | Total | \$21,829.65 |

Science- Anatomy Physiology Unattached Equipment List

Unattached Specialized Equipment

| Item | Item Name | Specifications & Descriptions | Number per Classroom | Approximate Cost | Shared Cost |
|------|---|---|----------------------|------------------|-------------|
| 1 | S Balances | Electronic, 0.1 g sensitivity | 2 | \$234.66 | \$234.66 |
| 2 | S Beakers | Pyrex, 50mL/set of 12 | 1 | \$30.60 | \$30.60 |
| 3 | S Beakers | Pyrex, 100mL/set of 12 | 2 | \$70.80 | \$70.80 |
| 4 | S Beakers | Pyrex,250 mL/set of 12 | 2 | \$58.80 | \$58.80 |
| 5 | S Beakers | Pyrex, 600mL/set of 6 | 1 | \$21.00 | \$21.00 |
| 6 | S Beakers | Pyrex, 1000mL/set of 6 | 1 | \$40.50 | \$40.50 |
| 7 | S Blood Chemistry Kit - simulated blood | | 1 | \$50.00 | |
| 8 | S Brushes, flask | set /12 | 1 | \$46.80 | \$46.80 |
| 9 | S Brushes, test tube | set/12 | 1 | \$18.00 | \$18.00 |
| 10 | S Brushes,beaker | | 10 | \$40.00 | \$40.00 |
| 11 | S Butane gas lighter | refillable | 5 | \$22.50 | \$22.50 |
| 12 | S Butane gas lighter, canisters | refills | 5 | \$21.25 | \$21.25 |
| 13 | S Candles | | 8 boxes | \$12.16 | |
| 14 | S Capillary tubes | box of 100 | 2 | \$17.90 | |
| 15 | S Cheesecloth | | 1 roll | \$3.95 | |
| 16 | S Clamps-test tube | | 1 per student | \$50.00 | \$50.00 |
| 17 | S Computer Interface System | collect and analyze data | 6 | \$1,320.00 | \$1,320.00 |
| 18 | S Conductivity sensor | measures salinity, dissolved, solids | 3 | \$303.00 | \$303.00 |
| 19 | S Cover slips | | 3 pkgs./100 | \$10.00 | |
| 20 | S Crucible and cover | | 1 per 4 students | \$60.00 | \$60.00 |
| 21 | S Culture dishes | Glass | 10 | \$89.50 | \$89.50 |
| 22 | S Dialysis tubing | 25 ft. | | \$10.00 | |
| 23 | S Digital dissecting microscope | ex. Flexcam | | \$600.00 | \$600.00 |
| 24 | S Dissection Kits | Ruler, scalpel, scissors, forceps, probes/needles | 1 per 2 students | \$70.00 | \$70.00 |
| 25 | S Dissection Specimens | Assorted mammals and their representative organs | 1 per 2 students | \$600.00 | |
| 26 | S Dissection Trays | | 1 per 2 students | \$100.00 | \$100.00 |
| 27 | S Droppers, medicine | | 1 per student | \$15.00 | \$15.00 |
| 28 | S Dropping bottles | | 30 | \$40.00 | \$40.00 |

Science- Anatomy Physiology Unattached Equipment List

| | | | | | | | |
|----|---|---|--|--|------------------|------------|------------|
| 29 | . | S | Enzyme Lab Kit, Introductory | invertase, amylase, protease, salivary amylase | 4 | \$336.00 | |
| 30 | . | S | Erlenmeyer Flasks | Glass/heatable - 500mL /set of 6 | 1 | \$27.60 | \$27.60 |
| 31 | . | S | Erlenmeyer Flasks | Glass/heatable250 mL, /set of 12 | 1 | \$43.20 | \$43.20 |
| 32 | . | S | Erlenmeyer Flasks | Glass/heatable125mL /set of 12 | 1 | \$42.60 | \$42.60 |
| 33 | . | S | Erlenmeyer Flasks | Glass/heatable50mL /set of 12 | 1 | \$42.60 | \$42.60 |
| 34 | . | S | Fat-O-Meter | calipers | 5 per class | \$100.00 | \$100.00 |
| 35 | . | S | Funnels | Polypropylene - 65 mm dia./set of 12 | 1 | \$21.00 | \$21.00 |
| 36 | . | S | Gas pressure sensor | respiration, fermentation | 6 | \$474.00 | \$474.00 |
| 37 | . | S | Glass tubing | assorted diameters | | \$10.00 | \$10.00 |
| 38 | . | S | Gloves, latex /boxes of 100 | latex, or vinyl | 5 | \$49.75 | |
| 39 | . | S | Gloves,heat resistant | 12" long | 6 | \$131.70 | \$131.70 |
| 40 | . | S | Google sterilizing cabinet | | 1 | \$436.70 | \$436.70 |
| 41 | . | S | Googles, safety | | 30 | \$172.50 | |
| 42 | . | S | Graduated Cylinders | 10mL | 15 | 194.7 | 194.7 |
| 43 | . | S | Graduated Cylinders | 100mL | 15 | 340.05 | 340.05 |
| 44 | . | S | Gray's Anatomy | Anatomy manual | 1 | \$15.95 | |
| 45 | . | S | Hand-held, real-time, data-collection device | | 6 | \$1,320.00 | \$1,320.00 |
| 46 | . | S | Heart rate sensor | compare resting and exercise heartrates | 3 | \$342.00 | \$342.00 |
| 47 | . | S | Hot Plates | | 1 per 4 students | \$292.00 | \$292.00 |
| 48 | . | S | Human Anatomy Software | such as A.D.A.M, lab pack of 5 cd-roms | 1 | \$494.95 | |
| 49 | . | S | Human Skeleton - disarticulated | plastic | 1 | \$375.00 | |
| 50 | . | S | Human Skeleton Model | Adult size | 1 | \$300.00 | \$300.00 |
| 51 | . | S | Human Torso model | plastic-removeable parts | 1 | \$800.00 | \$800.00 |
| 52 | . | S | Human Xrays | real xrays of a complete skeleton | 1 set | \$27.95 | |
| 53 | . | S | Inflatable lung demo kit | preserved pig lung, air pump, rack and tray | 1 | \$175.00 | |
| 54 | . | S | Introduction to Biochemistry Kit | | 1 per class | \$102.00 | |
| 55 | . | S | Laboratory cart | | 1 | \$200.00 | |
| 56 | . | S | Lens cleaning paper | 10 x 15 cm pkg of 50 | 10 | \$9.90 | |
| 57 | . | S | Lens cleaning solution | 100 mL | 2 | \$10.80 | |
| 58 | . | S | Litmus paper | Hydrion AB ph Test Paper, 30' | 2 | \$13.50 | |
| 61 | . | S | Meter sticks | | 1 per student | \$50.00 | \$50.00 |
| 62 | . | S | Microscope maintainence kit | | 1 | \$75.00 | |

Science- Anatomy Physiology Unattached Equipment List

| | | | | | | | |
|----|---|---|---------------------------------------|--|------------------|------------|------------|
| 63 | . | S | Microscope slide set | Human various tissues | 3 | \$40.00 | |
| 64 | . | S | Microscope slides | plastic, disposable pkg. of 144 | 5 | \$49.75 | |
| 65 | . | S | Microscopes, compound with light | | 1 per 2 students | \$1,500.00 | \$1,500.00 |
| 66 | . | S | Microscopes, stereo dissecting and/or | | 4 | \$1,000.00 | \$1,000.00 |
| 67 | . | S | Microwave | | 1 | \$50.00 | \$50.00 |
| 68 | . | S | Model, ear | life size | 1 | \$52.30 | \$52.30 |
| 69 | . | S | Model, eye | 8cm x 8 cm x 10 cm | 1 | \$49.95 | \$49.95 |
| 70 | . | S | Model, heart | life size | 1 | \$54.95 | \$54.95 |
| 72 | . | S | Mortar and pestle set | | 15 | \$144.00 | \$144.00 |
| 73 | . | S | Oil Emersion Microscope lenses | | 3 | \$250.00 | |
| 74 | . | S | Plastic tubing | 25 ft. | 1 | \$30.00 | |
| 75 | . | S | Racks, test tube | polypropylene - all sizes | 10 | \$127.50 | \$127.50 |
| 76 | . | S | Reflex hammer | chrome steel handle with rubber head | 6 | \$27.00 | |
| 77 | . | S | Refrigerator | dorm size | | \$70.00 | \$70.00 |
| 78 | . | S | Respiration Monitor Belt, for cbl | compare respiratory rates | 6 | \$348.00 | |
| 80 | . | S | Rubber stoppers | Assorted sizes - solid, 1 & 2 holes to match glassware | | \$10.00 | |
| 81 | . | S | Rubber tubing | Assorted sizes | | \$25.00 | \$25.00 |
| 82 | . | S | Rulers | Metric | 1 per student | \$30.00 | \$30.00 |
| 83 | . | S | Scissors | fine point | 1 per student | \$50.00 | \$50.00 |
| 85 | . | S | Sphygmomanometer | | 6 | \$120.00 | |
| 86 | . | S | Stethoscopes | | 1 per 2 students | \$111.00 | \$111.00 |
| 87 | . | S | Stirring rods | | 1 per 2 students | \$20.00 | \$20.00 |
| 88 | . | S | Temperature probe | stainless steel wide temp range | 6 | \$174.00 | \$174.00 |
| 89 | . | S | Test tube clamps | | 1 per 2 students | \$20.00 | \$20.00 |
| 90 | . | S | Test tubes | 20 x 150mm/ set of 72 | 1 | \$48.24 | \$48.24 |
| 91 | . | S | Thermometers | °C and °F dual, non-mercury | 15 | \$87.75 | \$87.75 |
| 92 | . | S | Timers | | 1 per 2 students | \$50.00 | \$50.00 |
| 93 | . | S | Urine tests, simulated | control, phosphates, glucose, albumin | 1 per class | \$79.50 | |
| 94 | . | S | Wax marking pencils | | 1 dozen | \$7.39 | \$7.39 |

Total \$15,609.20 \$11,892.64

S = Specialized

Shared Cost \$3,716.56

Science- Anatomy Physiology Unattached Equipment List

Environmental Science - Unattached Equipment List

Facilities/Attached Equipment

| Item | | Item Name | Specifications & Descriptions | Number per Classroom | Approximate Cost |
|------|---|---|---|----------------------|--------------------|
| 1 . | R | Teacher Desk | | 1 | \$400.00 |
| 2 . | R | Teacher Chair | | 1 | \$130.00 |
| 3 . | R | Student Table | Science table - chemical resistant 24" * 48" | 15 | \$4,095.00 |
| 4 . | R | Student Chairs | | 30 | \$690.00 |
| 5 . | R | Storage Cabinet | 46" * 24" * 78" lockable doors, adjustable shelf, lifting top | 2 | \$740.00 |
| 6 . | R | Filing Cabinet(s) | 2-drawer 30" * 18" * 26" | 2 | \$358.00 |
| 7 . | R | Bookshelf | 46" * 18" * 72" | 1 | \$234.95 |
| 8 . | R | Desktop Computer w/ Printer (teacher) | | 1 | \$2,500.00 |
| 9 . | R | Dry Erase Board | 5' * 8' metal frame, magnetic | 1 | \$419.00 |
| 10 . | R | Integrated, interactive digital presentation system | Laptop, Interactive WhiteBoard, Projector | 1 | \$4,500.00 |
| 11 . | R | DVD/DVR Player | player/recorder | 1 | \$179.00 |
| 12 . | R | TV/Monitor | 32" or greater flat panel LCD | 1 | \$800.00 |
| 13 . | R | Wireless enabled classroom | | | \$50.00 |
| 14 . | R | TI-84 Silver Ed. or equivalent | Calculators | 28 | \$3,360.00 |
| 15 . | R | Data collection device, real-time, handheld | interface with computer, graphing calculator, or stand-alo | 1 per 4 students | \$1,328.00 |
| 16 . | R | Eye protection goggles | ANSI Z87 or Z87.1 approved | 30 | \$76.80 |
| 17 . | R | Eye wash station | continuous flow, ANSI Z358.1-1998 | 1 | \$141.75 |
| 18 . | R | Safety shower | | 1 | \$265.15 |
| 19 . | R | Demonstration table | Service - water, electricity and gas | 1 | \$1,500.00 |
| 20 . | R | Storage lab prep room (1 for 5-8) | purge fan,4 airchages per hour to the outside air | | \$0.00 |
| 21 . | R | Charts, laboratory safety | | 1 | \$62.00 |
| | | | | Total | \$21,829.65 |

R = Regular

Environmental Science - Unattached Equipment List

Unattached Specialized Equipment

| Item | Item Name | Specifications & Descriptions | Number per Classroom | Approx. Cost | Shared Cost | |
|------|-----------|----------------------------------|---|--------------|-------------|----------|
| 1 . | S | Air sampler, high volume | collect and measure particulates | 1 | \$385.00 | |
| 2 . | S | Air sampler, replacement filters | set of 25 | 1 | \$20.75 | |
| 3 . | S | Animal Cages | Plastic, 15L capacity | 4 | \$71.80 | |
| 4 . | S | Animal Habitat Units | glass terrarium, bulbs, gravel, food and water dish | 2 | \$117.90 | |
| 5 . | S | Aquarium with Accessories | 10 gal., filter, pump, gravel | 2 | \$125.00 | |
| 6 . | S | Balances | Electronic, 0.1 g sensitivity | 2 | \$234.66 | \$234.66 |
| 7 . | S | Beakers | Pyrex, 50mL/set of 12 | 1 | \$30.60 | \$30.60 |
| 8 . | S | Beakers | Pyrex, 100mL/set of 12 | 2 | \$70.80 | \$70.80 |
| 9 . | S | Beakers | Pyrex,250 mL/set of 12 | 2 | \$58.80 | \$58.80 |
| 10 . | S | Beakers | Pyrex, 600mL/set of 6 | 1 | \$21.00 | \$21.00 |
| 11 . | S | Beakers | Pyrex, 1000mL/set of 6 | 1 | \$40.50 | \$40.50 |
| 12 . | S | Binoculars | 6 X 16 mag. | 15 | \$524.25 | \$524.25 |
| 13 . | S | Brushes, flask | set /12 | 1 | \$46.80 | \$46.80 |
| 14 . | S | Brushes, test tube | set/12 | 1 | \$18.00 | \$18.00 |
| 15 . | S | Brushes, beaker | | 10 | \$40.00 | \$40.00 |
| 16 . | S | Butane gas lighter | refillable | 5 | \$22.50 | \$22.50 |
| 17 . | S | Butane gas lighter, canisters | refills | 5 | \$21.25 | |
| 18 . | S | Capillary tubes | box of 100 | 2 | \$17.90 | |
| 19 . | S | Cellophane, blue | 25 ft. roll | 1 | \$16.55 | |
| 20 . | S | Cellophane, green | 25 ft. roll | 1 | \$16.55 | |
| 21 . | S | Cellophane, red | 25 ft. roll | 1 | \$16.55 | |
| 22 . | S | Cheesecloth | 4 sq. meters | 1 | 4.95 | |
| 23 . | S | Clamps, test tube | set of 6 | 5 | \$45.00 | \$45.00 |
| 24 . | S | Conductivity sensor | measures salinity, dissolved, solids | 3 | \$303.00 | \$303.00 |
| 25 . | S | Cork borer set | set of 6 | 2 | \$43.50 | \$43.50 |
| 26 . | S | Corks | set of 100-assorted sizes | 1 | \$17.50 | \$17.50 |
| 27 . | S | Cover slips | 22 mm square - disposable plastic - 100/pkg. | 5 | \$17.25 | |

Environmental Science - Unattached Equipment List

| | | | | | | | |
|----|---|---|--|---|----|------------|------------|
| 28 | . | S | Crucible and cover | 50 mL | 10 | \$25.00 | \$25.00 |
| 29 | . | S | Culture dishes | Glass | 10 | \$89.50 | \$89.50 |
| 30 | . | S | Cups, styrofoam | 20 Oz. for growing plants/pkg. 20 | 8 | \$16.00 | |
| 31 | . | S | Digital dissecting microscope | ex. Flexcam | 1 | \$349.00 | \$349.00 |
| 32 | . | S | Dip nets | 41 x 30 cm aquatic net | 5 | \$129.75 | \$129.75 |
| 33 | . | S | Dissolved oxygen sensor | measures level of oxygen in water | 3 | \$573.00 | \$573.00 |
| 34 | . | S | Distilled water | 5 gallons | 5 | \$6.25 | |
| 35 | . | S | Droppers | plastic, disposable, graduated, 1 mL/pkg. 500 | 2 | \$37.00 | |
| 36 | . | S | Erlenmeyer Flasks | Glass/heatable - 500mL /set of 6 | 1 | \$27.60 | \$27.60 |
| 37 | . | S | Erlenmeyer Flasks | Glass/heatable250 mL, /set of 12 | 1 | \$43.20 | \$43.20 |
| 38 | . | S | Erlenmeyer Flasks | Glass/heatable125mL /set of 12 | 1 | \$42.60 | \$42.60 |
| 39 | . | S | Erlenmeyer Flasks | Glass/heatable50mL /set of 12 | 1 | \$42.60 | \$42.60 |
| 40 | . | S | Field guides/dichotomous keys | trees, birds, insects, etc. | 30 | \$480.00 | \$480.00 |
| 41 | . | S | Flow rate probe | measures flow rate of streams and rivers | 1 | \$129.00 | \$129.00 |
| 42 | . | S | Fossil Collection, Advanced | 16 geological periods | 1 | \$39.95 | |
| 43 | . | S | Funnels | Polypropylene - 65 mm dia./set of 12 | 1 | \$21.00 | \$21.00 |
| 44 | . | S | Gas pressure sensor | respiration, fermentation | 6 | \$474.00 | \$474.00 |
| 45 | . | S | Geological maps, downloadable | available from AR Geological Society | | \$0.00 | |
| 46 | . | S | Gloves, latex /boxes of 100 | latex, or vinyl | 5 | \$49.75 | |
| 47 | . | S | Google sterilizing cabinet | | 1 | \$436.70 | \$436.70 |
| 48 | . | S | Googles, safety | | 30 | \$172.50 | |
| 49 | . | S | Graduated Cylinders | 10mL | 15 | \$194.70 | \$194.70 |
| 50 | . | S | Graduated Cylinders | 100mL | 15 | \$340.05 | \$340.05 |
| 51 | . | S | Gravel | 2.5 kg | 1 | \$4.40 | |
| 52 | . | S | Groundwater Simulation System | acrylic tank and all supplies | 1 | \$625.00 | |
| 53 | . | S | Guide to the Natural Divisions of AR | available from the AR Natural Heritage Comm. | | \$0.00 | |
| 54 | . | S | Hand-held, real-time, data-collection device | | 6 | \$1,320.00 | \$1,320.00 |
| 55 | . | S | Hot Plates | | 6 | \$292.00 | \$292.00 |
| 56 | . | S | Incubator | | 1 | \$300.00 | \$300.00 |
| 57 | . | S | Indicator bottles | plastic -30 mL/ pkg. 12 | 2 | \$35.90 | \$35.90 |
| 58 | . | S | Laboratory cart | | 1 | \$295.00 | |
| 59 | . | S | Lens cleaning paper | 10 x 15 cm pkg of 50 | 10 | \$9.90 | |

Environmental Science - Unattached Equipment List

| | | | | | | | | |
|----|---|---|---------------------------------------|---|--|----|------------|------------|
| 60 | . | S | Lens cleaning solution | 100 mL | | 2 | \$10.80 | |
| 61 | . | S | Light sensor | 0-15,000 lux | | 6 | \$318.00 | \$318.00 |
| 62 | . | S | Litmus paper | Hydrion AB ph Test Paper, 30' | | 2 | \$13.50 | |
| 64 | . | S | Meter sticks | | | 15 | \$34.50 | \$34.50 |
| 65 | . | S | Microscope maintenance kit | | | 1 | \$75.00 | \$75.00 |
| 66 | . | S | Microscope slides | plastic, disposable pkg. of 144 | | 5 | \$49.75 | |
| 67 | . | S | Microscope slides | shallow depression slides/set of 12 | | 3 | \$24.75 | \$24.75 |
| 68 | . | S | Microscope slides- prepared | general biology set of 25 slides | | 2 | \$240.08 | |
| 69 | . | S | Microscopes, compound with light | 4x, 10x, 40 x lenses | | 10 | \$1,950.00 | \$1,950.00 |
| 70 | . | S | Microscopes, stereo dissecting and/or | | | 4 | \$780.00 | \$780.00 |
| 71 | . | S | Microwave | | | 1 | \$50.00 | \$50.00 |
| 73 | . | S | Mortar and pestle set | | | 15 | \$144.00 | \$144.00 |
| 74 | . | S | Net, Plankton | collection of microscopic specimens | | 4 | \$57.00 | |
| 75 | . | S | Nitrogen Fixation Kit | experiment on effects of Rhizobium on bean | | 1 | \$44.95 | |
| 76 | . | S | Nutrient agar | Laboratory grade - 500 g | | 1 | \$45.45 | |
| 77 | . | S | Oil Emersion Microscope lenses | | | 5 | \$392.50 | \$392.50 |
| 78 | . | S | Petri dishes, pkg of 25 | disposable, 100 x 15 mm, | | 6 | \$65.70 | |
| 79 | . | S | Petroleum jelly | 2.5 oz bottle | | 5 | \$16.45 | |
| 80 | . | S | Plant growth cart,portable | metal frame with plastic trays and flourescent lights | | 1 | \$737.75 | |
| 81 | . | S | Plant press | | | 1 | 37.95 | 37.95 |
| 82 | . | S | Plants,Live | representative set/ variety of plant types | | 1 | \$78.95 | |
| 83 | . | S | Plastic tubing | 25 ft. | | 1 | \$30.00 | |
| 84 | . | S | Potting soil | 20 lbs. | | 1 | \$10.00 | |
| 85 | . | S | Protractors | | | 30 | \$30.00 | \$30.00 |
| 86 | . | S | Racks, test tube | polypropylene - all sizes | | 10 | \$127.50 | \$127.50 |
| 87 | . | S | Rain gauge | | | 2 | \$9.90 | |
| 88 | . | S | Refrigerator | dorm size | | 1 | \$70.00 | \$70.00 |
| 89 | . | S | Rock and Mineral Set | survey of rocks and minerals/72 total | | 1 | \$135.00 | |
| 90 | . | S | Rubber stoppers | set of assorted sizes/2 lbs. | | 1 | \$22.70 | \$22.70 |
| 91 | . | S | Rulers | Metric | | 30 | \$30.00 | \$30.00 |
| 92 | . | S | Scissors | general purpose, paper based labs | | 30 | \$60.00 | \$60.00 |
| 93 | . | S | Secchi Disks | determine turbidity or visibility of water | | 2 | \$60.00 | |

Environmental Science - Unattached Equipment List

| | | | | | | | |
|-----|---|---|---------------------------|---|----|----------|----------|
| 94 | . | S | Seeds | variety of flower and vegetable/individual packets | 10 | \$15.00 | |
| 95 | . | S | Seines, freshwater | 1 m x 7.6 m | 4 | \$144.00 | |
| 96 | . | S | Soil Analysis Kit | ID microbe, pH, fertility | 1 | \$77.50 | |
| 97 | . | S | Stirring rods | glass, bundle of 50 | 1 | \$17.00 | \$17.00 |
| 98 | . | S | Stopwatch | | 15 | \$179.25 | \$179.25 |
| 100 | . | S | Stream table | plastic tray, drain, tubing, troughs/class set of 4 | 1 | \$189.00 | |
| 101 | . | S | Temperature probe | stainless steel wide temp range | 6 | \$174.00 | \$174.00 |
| 102 | . | S | Terrarium and accessories | glass , hood, lights, gravel, soil, dishes | 2 | \$99.90 | |
| 103 | . | S | Test tubes | 20 x 150mm/ set of 72 | 1 | \$48.24 | \$48.24 |
| 104 | . | S | Thermometers | °C and °F dual | 15 | \$87.75 | \$87.75 |
| 105 | . | S | Water pollution kit | Calorimetric chemical analysis for water quality | 1 | \$120.00 | |
| 106 | . | S | Wax marking pencils | for labeling glassware | 30 | \$30.00 | \$30.00 |
| 107 | . | S | Weather instrument kit | anemometer, barometer, sling psychrometers, | 1 | \$149.00 | |
| 108 | . | S | Yeast, dry | type used in baking-pkg. of 3 | 10 | \$20.00 | |

S = Specialized

Total \$16,052.53 \$11,545.65

Shared Cost \$4,506.88

Chemicals - Chemistry

| Chemical Name | Description | Unit | Unit Price | Quantity | Total |
|---|------------------------------------|----------|------------|----------|---------|
| Acetic Acid (6 molar) | 1 L bottle | bottle | \$12.41 | 1 | \$12.41 |
| Acetic Acid, 5% white vinegar | 4 L canister | canister | \$7.30 | 1 | \$7.30 |
| Acetic Acid, Glacial | 500 mL bottle | bottle | \$14.41 | 1 | \$14.41 |
| Acetone | 500 mL bottle | bottle | \$5.80 | 1 | \$5.80 |
| Albumin | 100 g bottle | bottle | \$9.05 | 1 | \$9.05 |
| Aluminum Nitrate nonahydrate | 500 g bottle | bottle | \$16.71 | 1 | \$16.71 |
| Aluminum Sulfate | 500 g bottle | bottle | \$6.65 | 1 | \$6.65 |
| Aluminum, sheet 12" * 12" | #22 gauge - 200 g | sheet | \$7.20 | 4 | \$28.80 |
| Aluminum, wire | roll - 16 gauge 100 g | roll | \$11.15 | 1 | \$11.15 |
| Ammonia, household liquid | 64 oz bottle - 10% ammonia or less | bottle | \$3.15 | 1 | \$3.15 |
| Ammonium Hydroxide (3 Molar) | 500 mL bottle | bottle | \$5.65 | 1 | \$5.65 |
| Ammonium Hydroxide (6 Molar) | 500 mL bottle | bottle | \$7.21 | 1 | \$7.21 |
| Ammonium Metavanadate | 25 g bottle | bottle | \$12.55 | 1 | \$12.55 |
| Amyl alcohol | 100 mL | bottle | \$9.11 | 1 | \$9.11 |
| Barium Chloride | 500 g bottle | bottle | \$7.61 | 1 | \$7.61 |
| Barium Nitrate | 500 g bottle | bottle | \$11.01 | 1 | \$11.01 |
| Benedict's Solution | 1 L bottle | bottle | \$6.80 | 1 | \$6.80 |
| Benzoic Acid (Sodium Benzoate) | 500 g bottle | bottle | \$12.55 | 1 | \$12.55 |
| Biuret Test Solution | 1 L bottle | bottle | \$10.95 | 1 | \$10.95 |
| Bromine Water | bromine water prep kit | kit | \$16.95 | 1 | \$16.95 |
| Calcium Carbide | 100 g canister | canister | \$5.21 | 1 | \$5.21 |
| Calcium Carbonate | 500 g bottle | bottle | \$6.95 | 1 | \$6.95 |
| Calcium Chloride | 500 g bottle | bottle | \$5.85 | 1 | \$5.85 |
| Calcium Nitrate tetrahydrate | 100 g bottle | bottle | \$8.11 | 1 | \$8.11 |
| Calcium Oxide | 500 g bottle | bottle | \$14.80 | 1 | \$14.80 |
| Carbon rods | 12 pieces | pkg. | \$18.30 | 1 | \$18.30 |
| Chromium(III) Nitrate | 100 g bottle | bottle | \$11.61 | 1 | \$11.61 |
| Citric Acid | 100 g bottle | bottle | \$6.95 | 1 | \$6.95 |
| Cobalt Chloride | 100 g bottle | bottle | \$14.65 | 1 | \$14.65 |
| Cobalt(II) Nitrate hexahydrate | 100 g bottle | bottle | \$15.91 | 1 | \$15.91 |
| Copper(II) Carbonate (cupric carbonate) | 500 g bottle | bottle | \$15.45 | 1 | \$15.45 |
| Copper(II) Nitrate (cupric nitrate) | 100 g bottle | bottle | \$11.31 | 1 | \$11.31 |
| Copper(II) Sulfate anhydrous | 25 g bottle | bottle | \$7.30 | 1 | \$7.30 |
| Copper(II) Sulfate pentahydrate | 500 g bottle | bottle | \$7.50 | 1 | \$7.50 |
| Copper, sheet - 6" * 12" | #22 gauge - 223 g | sheet | \$13.95 | 3 | \$41.85 |
| Copper, wire, bare | roll - 16 gauge 1 pound | roll | \$10.25 | 1 | \$10.25 |

Chemicals - Chemistry

| | | | | | |
|---|-------------------------------------|----------|---------|---|---------|
| Dextrin | 500 g bottle | bottle | \$10.30 | 1 | \$10.30 |
| Ethanol (ethyl alcohol) | 4 L canister | canister | \$24.21 | 1 | \$24.21 |
| Ferrous Ammonium Sulfate | 500 g bottle | bottle | \$23.95 | 1 | \$23.95 |
| Fructose (levulose) | 100 g bottle | bottle | \$7.95 | 1 | \$7.95 |
| Gentian | 500 g bottle | bottle | \$14.60 | 1 | \$14.60 |
| Glucose (dextrose) | 500 g bottle | bottle | \$6.75 | 1 | \$6.75 |
| Glycerine | 100 mL | bottle | \$6.50 | 1 | \$6.50 |
| Guar gum | 500 g | bottle | \$19.25 | 1 | \$19.25 |
| Hydrochloric Acid (12 molar) | 2.5 L bottle | bottle | \$20.31 | 1 | \$20.31 |
| Hydrogen Peroxide, 3% | 473 mL canister | canister | \$3.75 | 1 | \$3.75 |
| Hydrogen Peroxide, 6% | 500 mL bottle | bottle | \$7.05 | 1 | \$7.05 |
| Iodine | 100 g bottle | bottle | \$15.71 | 1 | \$15.71 |
| Iodine Tincture | 500 mL bottle | bottle | \$11.00 | 1 | \$11.00 |
| Iron (III) Nitrate nonahydrate (ferric nitrate) | 500 g bottle | bottle | \$16.11 | 1 | \$16.11 |
| Iron (III) Sulfate (ferric sulfate) | 100 g bottle | bottle | \$16.15 | 1 | \$16.15 |
| Iron III chloride | 100 g | bottle | \$7.61 | 1 | \$7.61 |
| Iron(II) Chloride (ferric chloride) | 25 g bottle | bottle | \$10.45 | 1 | \$10.45 |
| Iron, wire | roll - 18 gauge - 25 g | roll | \$5.35 | 1 | \$5.35 |
| Isopropanol (isopropyl alcohol) | 500 mL bottle - 70% rubbing alcohol | bottle | \$6.25 | 1 | \$6.25 |
| Lauric acid | 500 g | bottle | \$12.70 | 1 | \$12.70 |
| Lead(II) Nitrate | 500 g bottle | bottle | \$15.51 | 1 | \$15.51 |
| Lead, sheet 3" *140" | sheet - 500 g | sheet | \$18.60 | 1 | \$18.60 |
| Lithium Carbonate | 100 g bottle | bottle | \$14.70 | 1 | \$14.70 |
| Luminol | 5 g | bottle | \$25.55 | 1 | \$25.55 |
| Magnesium Nitrate hexahydrate | 100 g bottle | bottle | \$7.41 | 1 | \$7.41 |
| magnesium oxide | 100 g | bottle | \$7.55 | 1 | \$7.55 |
| Magnesium, ribbon | roll - 25 g | roll | \$11.00 | 1 | \$11.00 |
| Maltose | 500 g bottle | bottle | \$14.20 | 1 | \$14.20 |
| Manganese(II) Nitrate (manganous nitrate) | 500 mL bottle | bottle | \$16.60 | 1 | \$16.60 |
| Manganese(II) Sulfate (manganous sulfate) | 500 g bottle | bottle | \$19.35 | 1 | \$19.35 |
| Marble chips | 500 g | bottle | \$4.25 | 1 | \$4.25 |
| Methanol (methyl alcohol) | 4 L canister | canister | \$17.11 | | \$0.00 |
| Naphthalene, flake | 500 g bottle | bottle | \$8.60 | 1 | \$8.60 |
| Nichrome, wire | roll - 16 gague - 4 oz | roll | \$12.95 | 1 | \$12.95 |
| Nickel(II) Nitrate hexahydrate | 100 g bottle | bottle | \$8.91 | 1 | \$8.91 |
| Nitric Acid (15.8 molar) | 100 mL bottle | bottle | \$10.01 | 1 | \$10.01 |
| Oxalic Acid dihydrate | 500 g bottle | bottle | \$24.00 | 1 | \$24.00 |

Chemicals - Chemistry

| | | | | | |
|---|---------------|----------|---------|---|---------|
| Phenolphthalein, powder | 100 g bottle | bottle | \$14.15 | 1 | \$14.15 |
| Polyvinyl alcohol | 500 g | bottle | \$19.45 | 1 | \$19.45 |
| Potassium Bicarbonate (potassium hydroge | 100 g bottle | bottle | \$7.65 | 1 | \$7.65 |
| Potassium Bitartrate (potassium hydrogen ta | 500 g bottle | bottle | \$17.60 | 1 | \$17.60 |
| Potassium Bromate | 25 g bottle | bottle | \$8.10 | 1 | \$8.10 |
| Potassium Bromide | 100 g bottle | bottle | \$7.50 | 1 | \$7.50 |
| Potassium Chloride | 500 g bottle | bottle | \$7.85 | 1 | \$7.85 |
| Potassium hydrogen phthalate | 100 g | bottle | \$11.95 | 1 | \$11.95 |
| Potassium Hydroxide | 500 g bottle | bottle | \$6.71 | 1 | \$6.71 |
| Potassium Iodide | 500 g bottle | bottle | \$37.95 | 1 | \$37.95 |
| Potassium Nitrate | 500 g bottle | bottle | \$5.50 | 1 | \$5.50 |
| Potassium Permanganate | 100 g bottle | bottle | \$6.40 | 1 | \$6.40 |
| Potassium Thiocyanate | 500 g bottle | bottle | \$11.30 | 1 | \$11.30 |
| Propanol, n- (1-propanol) | 500 mL bottle | bottle | \$9.40 | 1 | \$9.40 |
| Salicylic Acid | 50 g bottle | bottle | \$5.40 | 1 | \$5.40 |
| Silicon lumps | 100 g | bottle | \$6.70 | 1 | \$6.70 |
| Silver Nitrate | 100 g bottle | bottle | \$91.91 | 1 | \$91.91 |
| Silver, foil | sheet - 10 g | sheet | \$41.65 | 1 | \$41.65 |
| Sodium (metal) | 25 g canister | canister | \$16.91 | 1 | \$16.91 |
| Sodium Acetate trihydrate | 500 g bottle | bottle | \$13.00 | 1 | \$13.00 |
| Sodium Bicarbonate (sodium bicarbonate) | 500 g bottle | bottle | \$4.20 | 1 | \$4.20 |
| Sodium borate | 100 g | bottle | \$5.60 | 1 | \$5.60 |
| Sodium Bromide | 500 g bottle | bottle | \$17.70 | 1 | \$17.70 |
| Sodium Carbonate anhydrous | 500 g bottle | bottle | \$4.90 | 1 | \$4.90 |
| Sodium Carbonate monohydrate | 500 g bottle | bottle | \$8.10 | 1 | \$8.10 |
| Sodium Chloride | 500 g bottle | bottle | \$5.60 | 1 | \$5.60 |
| Sodium Chromate | 500 g bottle | bottle | \$13.00 | 1 | \$13.00 |
| Sodium Dichromate dihydrate | 500 g bottle | bottle | \$10.25 | 1 | \$10.25 |
| Sodium Hydroxide (Red Devil Lye) | 500 g bottle | bottle | \$6.05 | 2 | \$12.10 |
| Sodium Hypochlorite (5 % solution) | 1 L bottle | bottle | \$8.05 | 1 | \$8.05 |
| Sodium Iodide | 100 g bottle | bottle | \$15.90 | 1 | \$15.90 |
| Sodium Oxalate | 100 g bottle | bottle | \$15.31 | 1 | \$15.31 |
| Sodium Phosphate monobasic (sodium dihy | 100 g bottle | bottle | \$7.75 | 1 | \$7.75 |
| Sodium phosphate, tribasic | 500 g | bottle | \$6.80 | 1 | \$6.80 |
| Sodium polyacrylate | 100 g | bottle | \$9.40 | 1 | \$9.40 |
| Sodium Sulfate decahydrate | 500 g bottle | bottle | \$34.35 | 1 | \$34.35 |
| Starch, Corn | 500 g bottle | bottle | \$8.30 | 1 | \$8.30 |

Chemicals - Chemistry

| | | | | | |
|----------------------------|-------------------------|--------|---------|--------------|-------------------|
| Stearic Acid | 500 g bottle | bottle | \$15.30 | 1 | \$15.30 |
| Strontium Nitrate | 100 g bottle | bottle | \$11.21 | 1 | \$11.21 |
| Sulfur, pieces | 100 g | bottle | \$7.11 | 1 | \$7.11 |
| Sulfuric Acid (12.5 molar) | 1 L bottle | bottle | \$21.11 | 2 | \$42.22 |
| Universal indicator | 500 mL | bottle | \$12.85 | 1 | \$12.85 |
| zinc chloride | 500 g | bottle | \$9.81 | 1 | \$9.81 |
| Zinc Nitrate hexahydrate | 500 g bottle | bottle | \$10.11 | 1 | \$10.11 |
| Zinc Sulfate | 500 g bottle | bottle | \$7.10 | 1 | \$7.10 |
| Zinc, foil | roll - .010" * 10" *36" | roll | \$13.70 | 1 | \$13.70 |
| Zinc, granular | 500 g bottle | bottle | \$25.75 | 1 | \$25.75 |
| | | | | Total | \$1,572.51 |

Chemicals - Biology, A/P, and Environmental Science

| Chemical Name | Description | Unit | Unit Price | Quantity | Total |
|----------------------------------|-------------------------------------|----------|------------|--------------|-----------------|
| Acetic Acid, 5% white vinegar | 4 L canister | canister | \$7.30 | 1 | \$7.30 |
| Acetone | 500 mL bottle | bottle | \$5.80 | 1 | \$5.80 |
| Albumin | 100 g bottle | bottle | \$9.05 | 1 | \$9.05 |
| Ammonia, household liquid | 64 oz bottle - 10% ammonia or less | bottle | \$3.15 | 1 | \$3.15 |
| Ammonium Hydroxide (3 Molar) | 500 mL bottle | bottle | \$5.65 | 1 | \$5.65 |
| Benedict's Solution | 1 L bottle | bottle | \$6.80 | 1 | \$6.80 |
| Calcium Carbonate | 500 g bottle | bottle | \$6.95 | 1 | \$6.95 |
| Citric Acid | 100 g bottle | bottle | \$6.95 | 1 | \$6.95 |
| Ethanol (ethyl alcohol) | 4 L canister | canister | \$24.21 | 1 | \$24.21 |
| Fructose (levulose) | 100 g bottle | bottle | \$7.95 | 1 | \$7.95 |
| Glucose (dextrose) | 500 g bottle | bottle | \$6.75 | 1 | \$6.75 |
| Hydrochloric Acid (12 molar) | 2.5 L bottle | bottle | \$20.31 | 1 | \$20.31 |
| Hydrogen Peroxide, 3% | 4 L canister | canister | \$14.75 | 1 | \$14.75 |
| Iodine | 100 g bottle | bottle | \$15.71 | 1 | \$15.71 |
| Isopropanol (isopropyl alcohol) | 500 mL bottle - 70% rubbing alcohol | bottle | \$6.25 | 1 | \$6.25 |
| Maltose | 500 g bottle | bottle | \$14.20 | 1 | \$14.20 |
| Nitric Acid (15.8 molar) | 2.5 L bottle | bottle | \$29.91 | 1 | \$29.91 |
| Phenolphthalein, powder | 100 g bottle | bottle | \$14.15 | 1 | \$14.15 |
| Potassium Hydroxide | 500 g bottle | bottle | \$6.71 | 1 | \$6.71 |
| Salicylic Acid | 500 g bottle | bottle | \$16.95 | 1 | \$16.95 |
| Sodium Chloride | 500 g bottle | bottle | \$5.60 | 1 | \$5.60 |
| Sodium Hydroxide (Red Devil Lye) | 500 g bottle | bottle | \$6.05 | 2 | \$12.10 |
| Starch, Corn | 500 g bottle | bottle | \$8.30 | 1 | \$8.30 |
| Sulfuric Acid (12.5 molar) | 1 L bottle | bottle | \$21.11 | 2 | \$42.22 |
| | | | | Total | \$297.72 |

Chemical - Physical Science

| Chemical Name | Description | Unit | Unit Price | Quantity | Total |
|--|-------------------------------------|----------|------------|--------------|-----------------|
| Acetic Acid, 5% white vinegar | 4 L canister | canister | \$7.30 | 1 | \$7.30 |
| Ammonia, household liquid | 64 oz bottle - 10% ammonia or less | bottle | \$3.15 | 1 | \$3.15 |
| Bromthymol Blue indicator solution | 500 mL bottle | bottle | \$5.35 | 1 | \$5.35 |
| Calcium Carbide | 500 g canister | canister | \$7.31 | 1 | \$7.31 |
| Calcium Carbonate | 500 g bottle | bottle | \$6.95 | 1 | \$6.95 |
| Calcium Chloride | 500 g bottle | bottle | \$5.85 | 1 | \$5.85 |
| Copper (II) Chloride | 100g bottle | bottle | \$9.70 | 1 | \$9.70 |
| Copper(II) Sulfate pentahydrate | 500 g bottle | bottle | \$7.50 | 1 | \$7.50 |
| Copper, sheet - 6" * 12" | #22 gauge - 223 g | sheet | \$13.95 | 3 | \$41.85 |
| Copper, wire, bare | roll - 16 gauge 1 pound | roll | \$10.25 | 4 | \$41.00 |
| Ethanol (ethyl alcohol) | 4 L canister | canister | \$24.21 | 1 | \$24.21 |
| Hydrochloric Acid (>5 molar) | 500mL, 12M | bottle | \$13.01 | 1 | \$13.01 |
| Hydrogen Peroxide, 3% | 4 L canister | canister | \$14.75 | 1 | \$14.75 |
| Iodine | 100 g bottle | bottle | \$15.71 | 1 | \$15.71 |
| Isopropanol (isopropyl alcohol) | 500 mL bottle - 70% rubbing alcohol | bottle | \$6.25 | 4 | \$25.00 |
| Lead(II) Nitrate | 500 g bottle | bottle | \$15.51 | 1 | \$15.51 |
| Lead, sheet 3" *140" | sheet - 500 g | sheet | \$18.60 | 1 | \$18.60 |
| Litmus | 10 g | bottle | \$8.25 | 1 | \$8.25 |
| Magnesium, ribbon | roll - 25 g | roll | \$11.00 | 1 | \$11.00 |
| Manganese Dioxide (manganese(IV) peroxide) | 500 g bottle | bottle | \$7.10 | 1 | \$7.10 |
| Phenolphthalein, powder | 100 g bottle | bottle | \$14.15 | 1 | \$14.15 |
| Potassium Chloride | 500 g bottle | bottle | \$7.85 | 1 | \$7.85 |
| Silver, foil | sheet - 10 g | sheet | \$41.65 | 1 | \$41.65 |
| Sodium Bicarbonate (sodium bicarbonate) | 500 g bottle | bottle | \$4.20 | 1 | \$4.20 |
| Sodium Chloride | 500 g bottle | bottle | \$5.60 | 1 | \$5.60 |
| Zinc, foil | roll - .010" * 10" *36" | roll | \$13.70 | 1 | \$13.70 |
| Zinc, granular | 500 g bottle | bottle | \$25.75 | 1 | \$25.75 |
| | | | | Total | \$402.00 |