

**RESPIRATORY SCIENCE**

This recommended list is based upon a classroom size of 25 students. All costs are estimated and should be adjusted and verified with current quotes. No specific equipment vendor or brand names are endorsed due to various possibilities, but school districts should consult with stakeholders to ensure industry-recognized equipment and software are purchased. The intent of this list is to provide school districts with guidance on the equipment needed to cover the state standards for a Respiratory Science program.

**CLASSROOM EQUIPMENT****TOTAL: \$16,180**

| QTY | ITEM DESCRIPTION   | UNIT    | TOTAL    |
|-----|--|---------|----------|
| 25  | Student Workstations w/chairs  | \$400   | \$10,000 |
| 1   | Teacher Workstation w/chair  | \$400   | \$400    |
| 1   | Teacher Computer   | \$900   | \$900    |
| 1   | Presentation Equipment (e.g., interactive whiteboard (IWB), or other interactive display system with software and accessories) | \$3,000 | \$3,000  |
| 1   | Networkable Laser Printer (black/white or color)   | \$400   | \$400    |
| 1   | Vertical File Cabinet (lockable)   | \$330   | \$330    |
| 2   | Storage Cabinets (36" x 12" x 72") (lockable)  | \$300   | \$600    |
| 2   | Bookcases (36" x 12" x 42")  | \$115   | \$230    |
| 2   | White Boards (4' x 8')   | \$110   | \$220    |
| 1   | First Aid Kit  | \$100   | \$100    |

**PROGRAM EQUIPMENT****TOTAL: \$79,000**

| QTY | ITEM DESCRIPTION                                 | UNIT     | TOTAL    |
|-----|--|----------|----------|
| 25  | Student Computers                                | \$1,000  | \$25,000 |
| 1   | Technology Storage/Charging System (optional)    | \$2,000  | \$2,000  |
| 1   | Suction Manikin Head                             | \$900    | \$900    |
| 1   | Pulse Oximeter - Bedside                         | \$600    | \$600    |
| 1   | Suction Device with Lukens Trap and Suction Kits | \$500    | \$500    |
| 1   | Anatomy Table (optional)                         | \$50,000 | \$50,000 |

**INSTRUCTIONAL MATERIALS****TOTAL: \$8,485**

| QTY | ITEM DESCRIPTION  | UNIT    | TOTAL   |
|-----|---|---------|---------|
| 25  | Student Textbooks (Approved by NDE)                     | \$100   | \$2,500 |
| 1   | Teacher Textbook Edition and Resources                  | \$500   | \$500   |
| 1   | Electronic Medical Records Software Program and License | \$3,000 | \$3,000 |

**INSTRUCTIONAL MATERIALS (CONT.)**

| QTY | ITEM DESCRIPTION   | UNIT    | TOTAL   |
|-----|--|---------|---------|
| 1   | Anatomy Software Program and License                                   | \$2,000 | \$2,000 |
| 1   | Basic Life Support Cardiopulmonary Resuscitation (CPR) Instructors Kit | \$110   | \$110   |
| 25  | Basic Life Support Student Manuals                                     | \$15    | \$375   |

**INSTRUCTIONAL SUPPLIES****TOTAL: \$12,000**

| QTY    | ITEM DESCRIPTION  | UNIT    | TOTAL   |
|--------|---|---------|---------|
| 5      | Automated External Defibrillator (AED) Trainers   | \$300   | \$1,500 |
| 1      | Nebulizer System  | \$150   | \$150   |
| 1      | Pathogen Slide Set  | \$150   | \$150   |
| 5      | Adult CPR Manikins  | \$100   | \$500   |
| 5      | Child CPR Manikins  | \$100   | \$500   |
| 5      | Infant CPR Manikins   | \$90    | \$450   |
| 25     | Element Model Kits  | \$50    | \$1,250 |
| 25     | Diagnostic Set (Single Head)  | \$50    | \$1,250 |
| 1      | Heat Moisture Exchanger and Case  | \$50    | \$50    |
| 1      | Periodic Table Poster   | \$50    | \$50    |
| 1      | Sputum Cups   | \$50    | \$50    |
| 1      | Biohazard Waste Can   | \$50    | \$50    |
| 1      | Biohazard Sharps Container  | \$25    | \$25    |
| 10     | Digital Thermometer Kits  | \$25    | \$250   |
| 25     | Adult Bag Valve Masks (BVM)   | \$25    | \$625   |
| 25     | Infant BVMs   | \$25    | \$625   |
| 1      | Patient Bill of Rights Poster   | \$25    | \$25    |
| Varies | Oxygen Cylinders and Regulators   | \$1,000 | \$1,000 |
| Varies | Oxygen Delivery Methods (nasal cannula, non-rebreather masks, etc.)                             | \$1,000 | \$1,000 |
| Varies | Personal Protective Equipment (PPE) (gowns, gloves, booties, surgical caps, face shields, etc.) | \$1,000 | \$1,000 |
| Varies | Sanitary Supplies (hand sanitizer, disinfecting soap, soap, paper towels)                       | \$500   | \$500   |
| Varies | Variety Artificial Airways (demo only)  | \$500   | \$500   |
| Varies | Computer Accessories (cases, covers, etc.) (optional)   | \$500   | \$500   |

**OTHER**

**TOTAL:**

**\$200**

| QTY | ITEM DESCRIPTION                           | UNIT  | TOTAL |
|-----|--|-------|-------|
| 1   | Basic Life Support CPR Instructor Training | \$200 | \$200 |

**CATEGORY TOTALS:**

|                                |                  |
|--------------------------------|------------------|
| CLASSROOM EQUIPMENT            | \$16,180         |
| PROGRAM EQUIPMENT              | \$79,000         |
| INSTRUCTIONAL MATERIALS        | \$8,485          |
| INSTRUCTIONAL SUPPLIES         | \$12,000         |
| OTHER                          | \$200            |
| <b>ESTIMATED PROGRAM TOTAL</b> | <b>\$115,865</b> |