

Facility Specifications/High School/Health Science Education

PROGRAM ORGANIZATION

General Standards

| Program Specifics | Number |
|-----------------------------------|--------|
| Teacher Student Ratio | 1:30 |
| Student Capacity per Period/Block | 30 |
| Teachers | 1-2 |
| Aides | 0 |
| Grade Levels for Program | 9-12 |
| Hours per Day Space Occupied | 7.5 |

State Facility Standards

| Facility | Small Facility <i>(square footage standards)</i> | Medium Facility <i>(square footage standards)</i> |
|------------------|---|--|
| Lab | 1200 | 2200 |
| Classroom | 780 | 780 |
| Material Storage | 155 | 550 |
| Dispensary | 135 | 135 |
| Project Storage | 150 | 460 |
| Reference | 0 | 100 |
| TOTAL | 2420 | 4225 |

Volusia Variance of Standards

| Facility | Small Facility <i>(square footage standards)</i> | Medium Facility <i>(square footage standards)</i> |
|-----------------------------------|---|--|
| Lab | N/A | 2300 |
| Classroom | N/A | 670 |
| Material Storage | N/A | 142 |
| Dispensary | N/A | 0 |
| Project Storage | N/A | 385 |
| Reference | N/A | 0 |
| Teacher Planning/ Co-op Office | N/A | 158 |
| Bathroom | N/A | 85 |
| Corridor | | 40 |
| TOTAL | N/A | 3780 |

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VOLUSIA VARIANCE JUSTIFICATION

Medium Facility

| Facility | State Medium Facility <i>(square footage standards)</i> | Volusia Medium Facility <i>(square footage standards)</i> | Volusia Variance Justification |
|--------------------------------|---|---|---|
| Lab | 2200 | 2300 | *Deleted Reference to gain more lab space |
| Classroom | 780 | 670 | N/A |
| Material Storage | 550 | 142 | ** Reduced Material Storage to add Bathroom and Corridor spaces |
| Dispensary | 135 | 0 | ***see Teacher Planning/ Co-op Office below |
| Project Storage | 460 | 384 | N/A |
| Reference | 100 | 0 | *see Classroom above |
| Teacher Planning/ Co-op Office | 0 | 158 | *** Deleted Dispensary and added Teacher Planning/ Co-op office |
| Bathroom | 0 | 85 | **See Material Storage |
| Corridor | 0 | 40 | **See Material Storage |
| TOTAL | 4225 | 3780 | |

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INFRASTRUCTURE

| Items | Considerations |
|-----------------------------|---|
| Heating/Cooling/Ventilation | <ul style="list-style-type: none"> ▪ Standard heat and air |
| Acoustical | <ul style="list-style-type: none"> ▪ Standard |
| Floors | <ul style="list-style-type: none"> ▪ Tile or linoleum |
| Walls | <ul style="list-style-type: none"> ▪ Dummy hospital wall module ▪ Bulletin, smart, and dry-erase boards |
| Ceiling | <ul style="list-style-type: none"> ▪ Tracks for curtains around and between beds ▪ Ceiling mounted projection screen |
| Lighting | <ul style="list-style-type: none"> ▪ Non-glare task ▪ Appropriate to computer screen viewing |
| Windows | <ul style="list-style-type: none"> ▪ Exterior: vertical room-darkening blinds |
| Doors | <ul style="list-style-type: none"> ▪ Standard with handicapped access and handles |
| Water | <ul style="list-style-type: none"> ▪ Laundry access ▪ 2 hand washing sinks with hot/cold water ▪ Patient bathroom with shower and toilet |
| Communications | <ul style="list-style-type: none"> ▪ 33 computer ports with Internet access – 30 in classroom 1 multi-media teaching station; 1 in teacher planning; 1 for network printer |
| Electrical | <ul style="list-style-type: none"> ▪ Electrical outlets and power to support 21 computers ▪ Outlets for each hospital bed ▪ NO POWER POLES dropped from ceiling into middle of classroom! All power/computer ports/outlets/Internet to come off walls. |
| Gas and Air | <ul style="list-style-type: none"> ▪ N/A |
| Safety | <ul style="list-style-type: none"> ▪ Computer wires/lines off the floor and channeled through a wire-housing tube |
| Fencing | <ul style="list-style-type: none"> ▪ N/A |
| Service Drive | <ul style="list-style-type: none"> ▪ N/A |
| Parking | <ul style="list-style-type: none"> ▪ N/A |
| Built-Ins | <ul style="list-style-type: none"> ▪ Storage: adjustable shelving around perimeter of classroom and lab ▪ 16 standard computer stations along periphery with locking wall storage (2 students per station) ▪ Need working space next to each computer station ▪ Built-in counter with sink and upper/lower cabinets |
| Location | <ul style="list-style-type: none"> ▪ Location visible and accessible to school community |

Facility Specifications/High School/Health Science Education

FURNITURE AND EQUIPMENT

| Area | Room Type | Item | Quantity |
|--------------------------|------------------------|--|----------|
| Health Science Education | Bathroom | Bath Blanket | 6 |
| Health Science Education | Bathroom | Bath Towel | 20 |
| Health Science Education | Bathroom | Chair, Shower, Mobile | 1 |
| Health Science Education | Bathroom | Clock | 1 |
| Health Science Education | Bathroom | Shower, Handicapped Accessible | 1 |
| Health Science Education | Bathroom | Sink, Handicapped Accessible | 1 |
| Health Science Education | Bathroom | Toilet, Handicapped Accessible | 1 |
| Health Science Education | Bathroom | Wastebasket, Plastic, 28 1/8 | 1 |
| Health Science Education | Bathroom | Water Heater | 1 |
| Health Science Education | Classroom | Bookcase, Built-In; 11'6"L x 12"D x 4'H | 1 |
| Health Science Education | Classroom | Chair, Student, ZUMA, 18" One-Pc | 32 |
| Health Science Education | Classroom | Clock | 1 |
| Health Science Education | Classroom | Flag W/Flag Holder | 1 |
| Health Science Education | Classroom | Lectern, 2 Pc, w/Adj Shelf, Assembled | 1 |
| Health Science Education | Classroom | Multi-Media Cart, Teachers Presentation | 1 |
| Health Science Education | Classroom | Pencil Sharpener, Electric | 1 |
| Health Science Education | Classroom | Pencil Sharpener, Manual/Wall | 1 |
| Health Science Education | Classroom | Stool, Fixed Height, 30", Teachers | 1 |
| Health Science Education | Classroom | Table, Student, 4'L x 21"D | 16 |
| Health Science Education | Classroom | Tack Board, 8' | 1 |
| Health Science Education | Classroom | Tack Board/White Board Combination | 1 |
| Health Science Education | Classroom | TV/DVD Combo | 1 |
| Health Science Education | Classroom | Wastebasket, Plastic, 28 1/8 | 1 |
| Health Science Education | Corridor | Tack Board, 4' | 1 |
| Health Science Education | Material Storage | File Cabinet, Legal, 4-Drawer | 2 |
| Health Science Education | Material Storage | File Cabinet, Letter, 4-Drawer | 1 |
| Health Science Education | Material Storage | Shelves, Around Peremter, Moveable, Open | 2 |
| Health Science Education | Medical Technology Lab | Anatomy Chart - Muscular System | 1 |
| Health Science Education | Medical Technology Lab | Anatomy Chart - Nervous System | 1 |
| Health Science Education | Medical Technology Lab | Anatomy Chart - Skeletal System | 1 |
| Health Science Education | Medical Technology Lab | Anatomy Chart - Vertebrae | 1 |
| Health Science Education | Medical Technology Lab | Audiometer, Maico (MA-27) Ultra Portable | 1 |
| Health Science Education | Medical Technology Lab | Bedside Commode | 1 |
| Health Science Education | Medical Technology Lab | Bedside Ribcord - Royal Blue | 6 |
| Health Science Education | Medical Technology Lab | Blood Pressure Set, Student Aveovid | 15 |
| Health Science Education | Medical Technology Lab | Bookcase,Built-in 12'L x12"D x 48H | 1 |
| Health Science Education | Medical Technology Lab | Brain, Classic | 1 |
| Health Science Education | Medical Technology Lab | Chair, Student, ZUMA, 18" One-Pc | 30 |
| Health Science Education | Medical Technology Lab | Chart of Elements | 1 |
| Health Science Education | Medical Technology Lab | Chart Stand | 1 |
| Health Science Education | Medical Technology Lab | Clock | 1 |
| Health Science Education | Medical Technology Lab | Complete series w/flip Charthead and Tripod Stand-15/set | 1 |
| Health Science Education | Medical Technology Lab | Computer Desks, Built-In Along Perimeter with Knee-Hole & Upper Cabinets | 2 |
| Health Science Education | Medical Technology Lab | Cover Slips, Plastic (Orig request for 40) | 0 |
| Health Science Education | Medical Technology Lab | Crutches, Wing Nut Aluminum - Adult Size | 2 |
| Health Science Education | Medical Technology Lab | Ear, Giant, Classic Version | 1 |
| Health Science Education | Medical Technology Lab | Electric Hospital Bed Package (IV poles,side rails) | 2 |
| Health Science Education | Medical Technology Lab | Eye, Giant | 1 |
| Health Science Education | Medical Technology Lab | Fire Blanket, Fiberglass | 1 |
| Health Science Education | Medical Technology Lab | Flag W/Flag Holder | 1 |
| Health Science Education | Medical Technology Lab | Flat Sheets | 18 |
| Health Science Education | Medical Technology Lab | Heart, Scientific Giant | 1 |
| Health Science Education | Medical Technology Lab | Human Functional Anatomy | 2 |
| Health Science Education | Medical Technology Lab | Human Heart Model | 1 |
| Health Science Education | Medical Technology Lab | Human Skeleton Stand, Artic | 1 |
| Health Science Education | Medical Technology Lab | Human Skull, Plastic | 1 |
| Health Science Education | Medical Technology Lab | IV Pole, Economy 2 Hook | 1 |
| Health Science Education | Medical Technology Lab | Lab Cart | 1 |

IMPORTANT: Items and Quanties may change as floor plan size is modified!

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FURNITURE AND EQUIPMENT (continued)

| Area | Room Type | Item | Quantity |
|--------------------------|------------------------|--|----------|
| Health Science Education | Medical Technology Lab | Lab First Aid Kit | 2 |
| Health Science Education | Medical Technology Lab | Lectern, 2 Pc, w/Adj Shelf, Assembled | 1 |
| Health Science Education | Medical Technology Lab | LifePak 500T AED Training System | 1 |
| Health Science Education | Medical Technology Lab | Mats, Door 3x5 | 1 |
| Health Science Education | Medical Technology Lab | Meter Stick, Basswood Metric/English | 20 |
| Health Science Education | Medical Technology Lab | Microscope Slides | 10 |
| Health Science Education | Medical Technology Lab | Microscope, Research, Boreal Digital/Analog | 1 |
| Health Science Education | Medical Technology Lab | Mircroscope, Binocular Head - 30 series advanced | 1 |
| Health Science Education | Medical Technology Lab | Multi-Media Cart, Teachers Presentation | 1 |
| Health Science Education | Medical Technology Lab | Offset Cane Adjustable | 1 |
| Health Science Education | Medical Technology Lab | Pencil Sharpener, Electric | 1 |
| Health Science Education | Medical Technology Lab | Pencil Sharpener, Manual/Wall | 1 |
| Health Science Education | Medical Technology Lab | Photo Atlas Anatomy & Phys Lab | 10 |
| Health Science Education | Medical Technology Lab | Phys of Circulatory System | 1 |
| Health Science Education | Medical Technology Lab | Pillow Cases | 12 |
| Health Science Education | Medical Technology Lab | Pro-Slide Transfer Board | 1 |
| Health Science Education | Medical Technology Lab | Quad Cane Small Base | 1 |
| Health Science Education | Medical Technology Lab | Red Cross CPR Materials (available after March 1, 2006) | 12 |
| Health Science Education | Medical Technology Lab | Resusci Anne CPR Training Manikins | 12 |
| Health Science Education | Medical Technology Lab | Ruler, 12 Inch Metric/English | 48 |
| Health Science Education | Medical Technology Lab | Skeleton, Standard | 1 |
| Health Science Education | Medical Technology Lab | Staph Check Pillow | 6 |
| Health Science Education | Medical Technology Lab | Stethoscope, Dual-Head - Color Teal | 20 |
| Health Science Education | Medical Technology Lab | Stool, Fixed Height, 30", Student Computer | 30 |
| Health Science Education | Medical Technology Lab | Stool, Fixed Height, 30", Teachers | 1 |
| Health Science Education | Medical Technology Lab | Stopwatch, LED, Electronic Timer | 5 |
| Health Science Education | Medical Technology Lab | Stretcher, General Transport | 1 |
| Health Science Education | Medical Technology Lab | Surge Protector/Power Strip | 1 |
| Health Science Education | Medical Technology Lab | Table, Bedside, Mobile | 2 |
| Health Science Education | Medical Technology Lab | Table, Lab Deluxe Mobile (demo table) | 2 |
| Health Science Education | Medical Technology Lab | Table, Overbed, Non-Tilt | 3 |
| Health Science Education | Medical Technology Lab | Tables, 24" x 36", Student | 30 |
| Health Science Education | Medical Technology Lab | Tack Board, 8' | 1 |
| Health Science Education | Medical Technology Lab | Tack Board/White Board Combination | 1 |
| Health Science Education | Medical Technology Lab | Thermal Blankets | 6 |
| Health Science Education | Medical Technology Lab | Thermometer, Filac Fastemp Electronic | 1 |
| Health Science Education | Medical Technology Lab | Thermometer, Tender Temp Ear | 1 |
| Health Science Education | Medical Technology Lab | Thermometers, Digital | 35 |
| Health Science Education | Medical Technology Lab | Torso, Deluxe Teaching | 1 |
| Health Science Education | Medical Technology Lab | Trapeze Lifter for Hospital Bed | 1 |
| Health Science Education | Medical Technology Lab | TV/DVD Combo | 1 |
| Health Science Education | Medical Technology Lab | Vision Testing Machine, Good-Lite Insta-line Pluse | 1 |
| Health Science Education | Medical Technology Lab | Walker - Folding Adjustable | 2 |
| Health Science Education | Medical Technology Lab | Wash Cloth | 20 |
| Health Science Education | Medical Technology Lab | Wastebasket, Plastic, 28 1/8 | 1 |
| Health Science Education | Medical Technology Lab | Wheelchair W/Swingaway Footrest | 1 |
| Health Science Education | Project Storage | Cabinet, Built-In Kitchen Perimeter Cabinets w/ Upper/Lower Locking; Counter | 1 |
| Health Science Education | Project Storage | Cabinet, Goggles, Germicidal (Sellstrom # 2000) | 1 |
| Health Science Education | Project Storage | Cabinet, Storage, Locking | 1 |
| Health Science Education | Project Storage | Clock | 1 |
| Health Science Education | Project Storage | Garbage Can with Lid | 1 |
| Health Science Education | Project Storage | Island, Lower Storage; Counter | 1 |
| Health Science Education | Project Storage | Refrigerator/Freezer w/ Ice Maker | 1 |
| Health Science Education | Project Storage | Sink, Double with Disposal | 1 |
| Health Science Education | Teacher Planning | Bookcase, 4'L x 1'D x 4'H | 1 |
| Health Science Education | Teacher Planning | Bookshelf, Built-in; Lower Locking; Upper Open Shelving; Counter | 1 |
| Health Science Education | Teacher Planning | Chair, Teacher | 1 |

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FURNITURE AND EQUIPMENT (continued)

| Area | Room Type | Item | Quantity |
|--------------------------|------------------|-------------------------------|----------|
| Health Science Education | Teacher Planning | Chairs, Reception | 2 |
| Health Science Education | Teacher Planning | Clock | 1 |
| Health Science Education | Teacher Planning | Desk, Teacher's | 1 |
| Health Science Education | Teacher Planning | File Cabinet, Legal, 4-Drawer | 1 |
| Health Science Education | Teacher Planning | Mat, Floor | 1 |
| Health Science Education | Teacher Planning | Wastebasket, Plastic, 28 1/8 | 1 |

IMPORTANT: Items and Quantities may change as floor plan size is modified!

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COMPUTER HARDWARE AND SOFTWARE

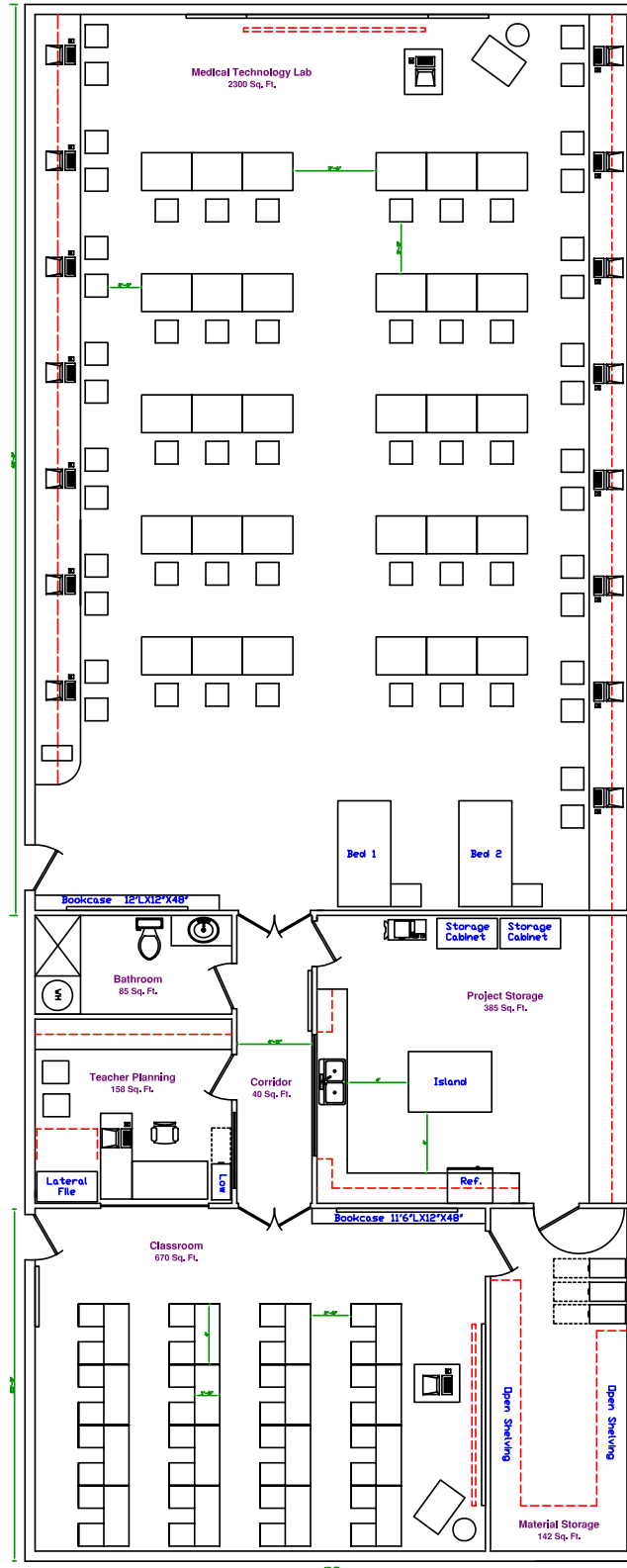
| Area | Room Type | Item | Quantity |
|--------------------------|------------------------|---|----------|
| Health Science Education | Classroom | Computer, Multi-Media, DVD/CD Burner, Teacher Presentation - Internet | 1 |
| Health Science Education | Classroom | LCD/Elmo Overhead Projection | 1 |
| Health Science Education | Classroom | Projector, Ceiling Mount | 1 |
| Health Science Education | Classroom | Projector Screen, Ceiling Mount - Retractable | 1 |
| Health Science Education | Medical Technology Lab | Computers, Multi-Media, DVD/Cd Burner Student - Internet | 15 |
| Health Science Education | Medical Technology Lab | Computer, Multi-Media, DVD/CD Burner, Teacher Presentation - Internet | 1 |
| Health Science Education | Medical Technology Lab | LCD/Elmo Overhead Projection | 1 |
| Health Science Education | Medical Technology Lab | Network Printer b/w | 1 |
| Health Science Education | Medical Technology Lab | Projector, Ceiling Mount, Retractable | 1 |
| Health Science Education | Medical Technology Lab | Projector Screen, Ceiling Mount - Retractable | 1 |
| Health Science Education | Project Storage | Computer, Multi-Media, DVD/CD Burner Teacher Presentation - Internet | 1 |
| Health Science Education | Teacher Planning | Copier | 1 |
| Health Science Education | Teacher Planning | Printer, Stand Alone, Color Ink Jet | 1 |
| Health Science Education | Teacher Planning | Telephone | 1 |

IMPORTANT: Please contact Tom Besaw, Health Science Education Specialist, for medical technology specific software at 386-255-6475 x60182.

Facility Specifications/High School/Health Science Education

FLOOR PLAN

Please contact Kristin B. Pierce at x60180 for an AutoCAD drawing.



NO POWER POLES. All power, data ports, internet to come from the walls.