

Elizabethtown Science In Motion

-Equipment-

Most item names are clickable and linked to an example on the web.

Qty

Possible Labs

Biology

Large Inner & Outer Ear Model	1	A&P
Animal Cell Model	1	Cell Model
Meiosis Model with Activity Binder	1	Cell Model
Mitosis Model with Activity Binder	1	Cell Model
Plant Cell Model	1	Cell Model
Daphnia Model	1	Daphnia
Stawberry DNA Extraction Kit	1	DNA Extraction
Knex DNA Models	20	DNA Model
Electrophoresis Apparatus Large (6 gels)	5	Electrophoresis
Electrophoresis Apparatus Small (2 gels)	19	Electrophoresis
Electrophoresis Power Station Large	3	Electrophoresis
Electrophoresis Power Station Small	8	Electrophoresis
Micropipet Stand (each hold 6 micropipets)	12	Electrophoresis
Microtest Tube Box (50 wells, Numbered)	10	Electrophoresis
Microtest Tube Racks (80 wells, Not Numbered)	18	Electrophoresis
Mini Light Box for visualizing gels	12	Electrophoresis
Photo System for photographing gels	1	Electrophoresis
Variable Micropipet (0.5 - 10 μ l)	12	Electrophoresis
Variable Micropipet (10 - 100 μ l)	12	Electrophoresis
Variable Micropipet (100- 1000 μ l)	6	Electrophoresis
Variable Micropipet (2-20 μ l)	15	Electrophoresis
Variable Micropipet (5 - 50 μ l)	9	Electrophoresis
White Light Box (21.5 x 29 cm)	2	Electrophoresis
Owl Pellet Common Prey Display	4	Owl Pellet
Owl Pellet Dissection Chart	16	Owl Pellet
Owls and Owl Pellets Reference Posters	16	Owl Pellet
Teasing Needles	30	Owl Pellet

The Barn Owl DVD	2	Owl Pellet
Digital Waterbath w/floats 1.8L	4	PCR
3 Chamber PCR Waterbath	1	PCR
PCR Thermocycler	1	PCR
Eppendorff Microcentrifuge	1	PCR
Incubation Oven (37°C - 65°C)	1	PCR
Personal Microcentrifuge	3	PCR
Vortexer (100 - 3200 rpm)	1	PCR

Earth Science

Most item names are clickable and linked to an example on the web.

Earthquake Board	1	Earthquake
Elementary Rock ID Kit (15 rocks)	1	Geology
Field Guide for Soil & Stratigraphic Analysis - Ben Meadows	4	Geology
Munsell Soil Book -Ben Meadows	3	Geology
Soil Macronutrients Test Kit	2	Geology

Ecology

Aquatic Macroinvertebrate Insect ID Flashcards	6	Stream Study
Aquatic Macroinvertebrate Lifecycle and Habitat Flashcards	6	Stream Study
Dipnets for Macroinvertebrate Stream Studies	3	Stream Study
DVD Bugs of the Underworld	2	Stream Study
Water Quality Educator Kit	2	Stream Study
Macroinvertebrate Dishpans	6	Stream Study
Macroinvertebrate Ice Cube Trays	6	Stream Study
Macroinvertebrate Storage Jugs	6	Stream Study
MacroMania - Macroinvertebrate Board Game	2	Stream Study
Enviroscape: Nonpoint Source Pollution Model	1	Water Management

General Equipment

Hotplate Stirrers w/magnetic Bar	6
Digital Scale	1
Spectrophotometer	1
Beaker: Glass: 250 ml	17
Beaker: Glass: 400 ml	20
Beaker: Glass: 50 ml	25
Beaker: Glass: 600 ml	2
Beaker: Plastic: 1000 ml	7
Beaker: Plastic: 250 ml	29
Beaker: Plastic: 50 ml	7
Bottle: Glass: 1 oz	48
Bottle: Glass: 8 oz	12
Ceramic Square Wire Gauze (10 pk)	2
Chemplates	20
Cuvette: 1.5 ml	3
Cuvettes: 2.5 mL	1
Flask: 2L	1
Graduated Cylinder-Plastic: 50 ml	25
Measuring Cups: 1.5c	3
Measuring Cups: 2.5c	8
Measuring Spoons	17
Plastic Syringes: 60 CC	100
Safety Glasses	28
Splash Safety Goggles	18
Stirring Rods Small	8
Syringe: 10 ml	2
Syringe: 35 ml	8

Syringe: 60 ml	80	
Test Tube: Glass: 20 ml	16	
Test Tube: Glass: Cap	52	
Test Tube: Plastic: Cap: Large	8	
Test Tubes: Glass: 16 ml	62	
Tubes: Open-ended: Plastic	46	
UV Lab Safety Goggles	30	
Vials: Plastic: 1" x 6"	10	
Well Plate: 10 mL	24	
Well Plate: Plastic: Individual, Small	20	
Microscopy		
Dino-Lite Handheld Microscope with Stand	16	
Stereo Microscope -Meiji - 1x 3x	9	
Stereo Microscope -Digital -Boreal	8	
Depression Slides	220	
Dell Laptops for Microscopes	6	
Digital/Analog Research Microscope	16	
Demoslide Culture Tubes	77	
Parts of an Insect Plastic Slide Set - 30 slides	1	
Cover Slips, Glass, Box of 100	5	
Physics		
Snap Circuit Kits	3	Electricity

Vernier Probes

Vernier Lab Manual: Biology With Computers	1	
Vernier Lab Manual: Chemistry With Computers	1	
Vernier Lab Manual: Earth Science With Computers	1	
Vernier Lab Manual: Water Quality With Computers	1	
Vernier Handheld Labquests	12	
Vernier CO2 Gas Probe	4	<i>Click on probe names</i>
Vernier Colorimeter Probes	14	<i>to see a list of</i>
Vernier Conductivity Probes	12	<i>possible labs</i>
Vernier Dissolved Oxygen Probes	12	
Vernier EKG Sensor	8	
Vernier Gas Pressure Sensor	17	
Vernier Light Sensor	2	
Vernier Microstirrers	12	
Vernier pH Probes	12	
Vernier Respiration Belt	7	
Vernier Temperature Probes	12	
Vernier UV Sensors	4	