

## FOSS MAGNETISM AND ELECTRICITY MODULE

### Quantities for Multiple-Class Use

#### ADDITIONAL MATERIALS

There are enough consumable materials in the **Magnetism and Electricity** kit for use with TWO classes of UP TO 32 students on the same day. To insure that each class has the same experiences, you may need to purchase the additional materials in the quantities listed in the table below.

#### ORDERING INFORMATION

The suggested materials can be ordered from [Delta Education](#).

ITEM	Delta Part #	Quantity in package	2 classes	3 classes	4 classes
Bulbs, flashlight, #222	020-5809	10	0	2	2
D-cells, alkaline*	023-1153	8	8	16	24
Dots, adhesive, 1/2" diameter, blue*	040-2103	250	0	200	200

\* Consumable item

#### TEACHER-SUPPLIED ITEMS

- Pencils
- Masking tape\*
- Student sheets
- Paper\*
- Different gauges of wire
- Paper clips, large
- Cardboard
- Clear packing tape (optional)
- Wool or synthetic sweaters
- Flip chart
- Assorted magnets (optional)
- Marking pen
- Sneakers
- Additional test objects
- Transparent tape
- Combs, hard rubber
- Paperback books
- Plastic bottles
- Index cards

\* Consumable item

#### OTHER THINGS TO CONSIDER

We do not recommend using rechargeable D-cells with elementary students. We have found that when the students make a short-circuit, the cells discharge so quickly that the plastic insulation will melt off the wire. This is too dangerous in the classroom.

## FOSS PHYSICS OF SOUND MODULE

### Quantities for Multiple-Class Use

#### ADDITIONAL MATERIALS

There are enough consumable materials in the **Physics of Sound** kit for use with TWO classes of UP TO 32 students on the same day. To insure that each class has the same experiences, you may need to purchase the additional materials in the quantities listed in the table below.

#### ORDERING INFORMATION

The suggested materials can be ordered from [Delta Education](#).

ITEM	Delta Part #	Quantity in package	2 classes	3 classes	4 classes
Cotton balls*	030-7262	100	0	1 bag	1 bag

\* Consumable item

#### TEACHER-SUPPLIED ITEMS

- Masking tape
- Optional items: Bottle caps, nails, paperclips, pencils, pennies, plastic cups
- Scratch paper
- Facial tissue
- Paper clips, regular
- Paper towels
- Transparent tape
- Cassette player
- Nail
- Scissors
- Coat hangers
- Pliers w/wire cutter
- Thread
- Glass bottles
- Pencil
- Garden hose (optional)
- Salt (for assessment)
- Plastic wrap (for assessment)

#### OTHER THINGS TO CONSIDER

- Duplicate student sheets

## FOSS LEVERS AND PULLEYS MODULE

### Quantities for Multiple-Class Use

#### ADDITIONAL MATERIALS

There are enough consumable materials in the **Levers and Pulleys** kit for use with TWO classes of UP TO 32 students on the same day. To insure that each class has the same experiences, you may need to purchase the additional materials in the quantities listed in the table below.

#### ORDERING INFORMATION

The suggested materials can be ordered from [Delta Education](#).

ITEM	Delta Part #	Quantity in package	2 classes	3 classes	4 classes
Dots, adhesive, 3/4" diameter, light blue*	040-2247	420	0	210	420
Duct tape roll, 20 m/roll (20 yards)*	200-0261	1 roll	0	1 roll	1 roll

\* Consumable item

#### TEACHER-SUPPLIED ITEMS

- Overhead projector (optional)
- Marking pen, permanent
- Masking tape
- Bottle opener
- Hammer
- Nutcracker
- Pair of pliers
- Pair of tweezers
- Boards—large lever system (opt)
- Nail puller (opt)
- Roofing nails (opt)
- Scissors
- Sheets of white paper, standard size, 8-1/2 X 11"
- Notebook paper\*
- Heavy books
- Overhead transparency pen

\* Consumable item

#### OTHER THINGS TO CONSIDER

- Duplicate student sheets.

## FOSS MIXTURES AND SOLUTIONS MODULE

### Quantities for Multiple-Class Use

#### ADDITIONAL MATERIALS

There are enough consumable materials in the **Mixtures and Solutions** kit for use with TWO classes of UP TO 32 students on the same day. To insure that each class has the same experiences, you may need to purchase the additional materials in the quantities listed in the table below.

#### ORDERING INFORMATION

The suggested materials can be ordered from [Delta Education](#).

ITEM	Delta Part #	Quantity in package	2 classes	3 classes	4 classes
Baking soda, 450 g/container*	021-1200	1	0	1	2
Calcium chloride, 480 g/container*	031-2608	1	0	1	2
Citric acid, anhydrous, granular, 480 g/container*	031-2212	1	0	3	6
Cups, plastic	031-0419	25	0	25	50
Diatomaceous earth (powder), container*	040-2236	1	0	1	2
Evaporating dishes, plastic lids, small	050-0708	10	0	20	40
Filter papers, round, coffee*	160-4844	50	0	75	150
Gravel, container	070-2558	1	0	1	2
Sticky Notes*	160-8144	5 pads	0	2	4
Salt, kosher, container*	191-1117	1	0	1	2
Salt, kosher, box*	192-5890	1	0	1	1
Epsom salts, container	050-1159	1	0	1	2
Sticks, craft, wooden	190-5914	50	0	50	50
Tray, FOSS™, plastic	200-5080	1	4	8	12
Vials, 12-dram, with caps	220-0824	1	12	24	36
Bottles, clear plastic with caps	021-1221	1	16	32	48
Zip bags, 1-liter (1-qt.)*	025-2430	25	0	25	50

\* Consumable item

FOSS Mixtures and Solutions Module continued

TEACHER-SUPPLIED ITEMS

- Paper cups, 3-oz.
- Small piece of chalk
- White vinegar
- Lined paper
- Scratch paper
- Food coloring (optional)
- Paper towels
- Transparent tape
- Water
- Container for drinking water
- Can of Kool Aid®, 24-oz.
- Large stirring spoon
- Flip chart
- Paper plates (optional)
- Thermos bottle
- Margarine\*
- 30–40 product packages, empty

OTHER THINGS TO CONSIDER

- Duplicate student sheets

## FOSS MATTER AND ENERGY MODULE

### Quantities for Multiple-Class Use

#### ADDITIONAL MATERIALS

There are enough consumable materials in the **Matter and Energy** kit for use with TWO classes of UP TO 32 students on the same day. To insure that each class has the same experiences, you may need to purchase the additional materials in the quantities listed in the table below.

#### ORDERING INFORMATION

The suggested materials can be ordered from [Delta Education](#).

ITEM	Delta Part #	Quantity in package	2 classes	3 classes	4 classes
Sponges, small	190-9775	8	8	24	32

#### TEACHER-SUPPLIED ITEMS

- Pencils
- Masking tape\*
- Student sheets
- Paper\*
- Different gauges of wire
- Paper clips, large

\* Consumable item

#### OTHER THINGS TO CONSIDER

- Duplicate student sheets
- Plan for room-temperature, hot water, and ice water, as well as ice cubes.
- Some containers must be dried between uses.
- Check thermometers to make sure none are broken.