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.

<table>
<thead>
<tr>
<th>ITEM</th>
<th>Delta Part #</th>
<th>Quantity in package</th>
<th>2 classes</th>
<th>3 classes</th>
<th>4 classes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bulbs, flashlight, #222</td>
<td>020-5809</td>
<td>10</td>
<td>0</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>D-cells, alkaline*</td>
<td>023-1153</td>
<td>8</td>
<td>8</td>
<td>16</td>
<td>24</td>
</tr>
<tr>
<td>Dots, adhesive, 1/2&quot; diameter, blue*</td>
<td>040-2103</td>
<td>250</td>
<td>0</td>
<td>200</td>
<td>200</td>
</tr>
</tbody>
</table>

* 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.
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

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<thead>
<tr>
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<th>Delta Part #</th>
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<th>2 classes</th>
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<th>4 classes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cotton balls*</td>
<td>030-7262</td>
<td>100</td>
<td>0</td>
<td>1 bag</td>
<td>1 bag</td>
</tr>
</tbody>
</table>

* 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
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.

<table>
<thead>
<tr>
<th>ITEM</th>
<th>Delta Part #</th>
<th>Quantity in package</th>
<th>2 classes</th>
<th>3 classes</th>
<th>4 classes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dots, adhesive, 3/4&quot; diameter, light blue*</td>
<td>040-2247</td>
<td>420</td>
<td>0</td>
<td>210</td>
<td>420</td>
</tr>
<tr>
<td>Duct tape roll, 20 m/roll (20 yards)*</td>
<td>200-0261</td>
<td>1 roll</td>
<td>0</td>
<td>1 roll</td>
<td>1 roll</td>
</tr>
</tbody>
</table>

* 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.
### 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](https://www.deltaeducation.com).

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

* 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
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.

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</tr>
</thead>
<tbody>
<tr>
<td>Sponges, small</td>
<td>190-9775</td>
<td>8</td>
<td>8</td>
<td>24</td>
<td>32</td>
</tr>
</tbody>
</table>

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.