

Qty. in Kit	Product Description	Order No.	Qty. in Rep. Pkg.	Pkg. Price	Pkgs. Wanted	Total Price
<b>DRAWER 1 [shared by all classes]</b>						
5	FOSS Force and Motion CD-ROM	033-0604-WW	1	123.50	_____	_____
1	FOSS Force and Motion Lab Notebook	120-6556-WW	1	5.25	_____	_____
32	FOSS Force and Motion Resources book	542-1460-WW	1	22.00	_____	_____
1	FOSS Force and Motion transparencies set/34	201-8671-WW	1	47.00	_____	_____
1	10-meter tape	090671-WW	1	8.95	_____	_____
* 1	Ball of string	191-1469-WW	1	1.40	_____	_____
1	Box of paper clips, regular	160-0389-WW	100	0.70	_____	_____
1	Clear packing tape, 2" wide	009-1475-WW	1	4.20	_____	_____
1	Duct tape, white 20m /roll	201-8682-WW	1	5.20	_____	_____
10	Hooks	080-1712-WW	16	4.10	_____	_____
* 100	Index cards, 3" x 5"	030-2433-WW	100	1.10	_____	_____
1	Mason line keeper, wooden	180-8938-WW	1	9.30	_____	_____
1	Mason line, 45-m	131-4227-WW	1	9.30	_____	_____
16	Meter tapes	200-9743-WW	1	0.80	_____	_____
1	Poster, SAFETY FOSS M/S	161-7263-WW	1	1.60	_____	_____
10	Propellers	161-4029-WW	16	10.50	_____	_____
8	Pulleys, single	160-3690-WW	1	2.60	_____	_____
* 1	Roll of fishing line, 10-lb. test	060-2425-WW	1	3.20	_____	_____
* 1	Roll of masking tape	200-0371-WW	1	1.90	_____	_____
* 1	Roll of transparent tape	200-4640-WW	1	3.30	_____	_____
* 5	Rolls of white paper, 9" x 80'	162-4455-WW	1	4.80	_____	_____
* 100	Rubber bands, #33	180-7541-WW	50	0.50	_____	_____
12	Stopwatches	193-6843-WW	12	62.95	_____	_____
6	Stopwatches	193-6112-WW	6	50.50	_____	_____
* 50	Straws, jumbo, clear	190-6497-WW	50	1.10	_____	_____
* 50	Straws, super jumbo	191-4604-WW	50	0.90	_____	_____
200	Washers, large	230-0110-WW	25	2.50	_____	_____
<b>DRAWER 2 [shared by all classes]</b>						
*4	AA-cells, alkaline	021-3730-WW	1	0.80	_____	_____
*8	Batteries, 9-V, alkaline	021-0693-WW	1	1.95	_____	_____
2	Data-port connections	040-8364-WW	1	6.70	_____	_____
1	FOSS Dotcar™, mechanical	034-0955-WW	1	51.50	_____	_____
8	FOSS Dotcars™, electronic	034-0944-WW	1	72.10	_____	_____
*2	Marking pens, Sharpie® permanent, black	160-4514-WW	1	1.30	_____	_____
8	Plastic ramp surfaces	181-2164-WW	1	6.70	_____	_____
1	USB serial adapter	010-6607-WW	1	47.40	_____	_____
<b>DRAWER 3 [shared by all classes]</b>						
15	Bamboo skewers, 10" long, about 8" dia.	193-4322-WW	15	0.80	_____	_____
8	Cardboard pieces, 10 cm x 30 cm	032-0066-WW	1	0.45	_____	_____
1	Hole punch	160-3777-WW	1	2.30	_____	_____
8	J hooks	024-9081-WW	8	5.70	_____	_____
8	Wing nuts	140-3230-WW	8	2.10	_____	_____
36	Loads, 240 g	230-5423-WW	1	2.60	_____	_____
9	Spring scales	192-7144-WW	1	3.40	_____	_____
0	Video, Understanding Car Crashes; It's Basic Physics (VHS)	222-1406-WW	1	41.20	_____	_____
1	Video, Understanding Car Crashes; It's Basic Physics (DVD)	1017783-WW	1	41.20	_____	_____
0	Video, Galileo: On the Shoulders of Giants (VHS)	222-1766-WW	1	25.70	_____	_____
1	Video, Galileo: On the Shoulders of Giants (DVD)	1017782-WW	1	25.70	_____	_____
1	Video, Sled Dogs: An Alaskan Epic (DVD)	1280953-WW	1	24.95	_____	_____
32	Pushers (modified vials and caps)	162-4597-WW	16	0.60	_____	_____
40	Dowels, short, with holes	040-2995-WW	20	4.20	_____	_____
25	Cups, plastic, 250-mL	031-0419-WW	25	3.35	_____	_____
1	Bag of red beans	024-8470-WW	1	2.10	_____	_____
40	Zip bags, 4-liter	021-1331-WW	20	3.00	_____	_____
10	Containers, plastic, 1-liter	032-8822-WW	1	0.40	_____	_____
24	Eggs, plastic	050-3461-WW	12	1.60	_____	_____

\***Consumable item.** This kit contains some consumable items. They are:

<u>Product Description</u>	<u>Order No.</u>	<u>Qty. in Rep. Pkg.</u>	<u>Pkg. Price</u>	<u>Pkgs. Wanted</u>	<u>Total Price</u>
9-volt alkaline batteries	021-0693-WW	1	1.95	_____	_____
AA-cells, alkaline	021-3730-WW	1	0.80	_____	_____
Ball of string	191-1469-WW	1	1.40	_____	_____
Index cards, 3" x 5"	030-2433-WW	100	1.10	_____	_____
Marking pens, Sharpie® permanent, black	160-4514-WW	1	1.30	_____	_____
Roll of fishing line, 10-lb. test	060-2425-WW	1	3.20	_____	_____
Roll of masking tape	200-0371-WW	1	1.90	_____	_____
Roll of transparent tape	200-4640-WW	1	3.30	_____	_____
Roll of white paper, 9" x 80'	162-4455-WW	1	4.80	_____	_____
Rubber bands, #33	180-7541-WW	50	0.50	_____	_____
Straws, jumbo, clear	190-6497-WW	50	1.10	_____	_____
Straws, super jumbo	191-4604-WW	50	0.90	_____	_____

### MATERIALS SUPPLIED BY TEACHER

This kit requires some additional materials that are readily found in most schools. Delta Education offers some of these materials. A complete list of the materials supplied by the teacher is found in the Materials folio of the Teacher Guide.

<u>Product Description</u>	<u>Order No.</u>	<u>Qty. in Rep. Pkg.</u>	<u>Pkg. Price</u>	<u>Pkgs. Wanted</u>	<u>Total Price</u>
<b>PAPER</b>					
Index cards, 3" x 5"	031-0837-WW	100	1.00	_____	_____
Graph paper, 4" grid	160-0829-WW	100	7.30	_____	_____
Sheets of white paper, 8.5" x 11"	160-4811-WW	500	8.95	_____	_____
<b>RESOURCES</b>					
Map of the US	161-6053-WW	1	10.30	_____	_____
<b>SUPPLIES</b>					
Aluminum foil, roll	010-1397-WW	1	2.10	_____	_____
Blank transparencies	201-6631-WW	25	23.00	_____	_____
Board, 48" length, 12" wide, 1/4" thick	181-2884-WW	1	9.25	_____	_____
Nails 6D common pkg/100	140-1410-WW	100	1.00	_____	_____
String med weight 100'	191-1469-WW	1	1.40	_____	_____
<b>TOOLS AND EQUIPMENT</b>					
Balance	020-9163-WW	1	16.60	_____	_____
Calculator, TI 12	033-6923-WW	1	22.70	_____	_____
Marking pens, permanent black	160-9541-WW	1	1.10	_____	_____
Meterstick	130-1607-WW	6	7.90	_____	_____
Overhead-transparency markers	130-3070-WW	8	7.70	_____	_____
Pencils, colored	160-1456-WW	12	7.20	_____	_____
Rulers, plastic, 12"/30 cm	180-2305-WW	4	3.10	_____	_____
Scissors	192-2910-WW	1	8.20	_____	_____
<b>OPTIONAL MATERIALS FOR CRASH PROTECTION</b>					
Bubble wrap 10" x 4"	021-9911-WW	1	0.15	_____	_____
Soda bottle, 2-liter	020-5017-WW	1	0.50	_____	_____

# Guarantee

Delta Education is the exclusive distributor of the FOSS products. We work closely with the Lawrence Hall of Science in the manufacturing of the FOSS products to ensure all component parts meet or exceed the specifications of the FOSS program. You can be sure that these products will work successfully with each FOSS investigation.

Delta Education guarantees all of its products. However, if for any reason you are dissatisfied, please call Delta Education for a return authorization. Customer Service will provide instructions for material replacement or credit (a restocking charge may apply). Please call Customer Service at 1-800-258-1302 for information.

## Ordering Information

### On Every Order

Please include the following information:

- **Purchase Order Number** (not necessary with prepaid orders).
- **Method of payment** for orders (check, money order, MasterCard, Visa, American Express or Discover—please include cardholder's name and address, credit card number, and expiration date).
- **Bill to** customer name, telephone number, and address, complete with zip code.
- **Ship to** customer name, telephone number, and address complete with zip code.
- A **contact name and telephone number** so that we may call you if we have a question concerning your order.
- **Any special shipping instructions.**

An order form is available on the last page of this catalog. Please use Delta Education item numbers and descriptions when ordering.

### Our Pricing Policy

We'll give you the lowest prices possible. All prices are subject to change without notice. Prices do not include shipping and insurance costs. If prices change more than 10% on your total order, a customer service representative will notify you of the change.

### Terms

Payment is due upon receipt of invoice. Partial shipments are invoiced separately and payable upon receipt of invoice.

### Shipping and Handling

Shipping and handling charges are 12% of the total order with a minimum charge of \$5.00.

### Missing Items

Please check all shipments carefully. Make sure you receive the correct number of boxes, in good condition before signing for shipments. Report any discrepancies or damages within seven days to our Customer Service Department.

### Living Materials

Living materials are ordered on coupon cards that are purchased separately. Please allow four weeks processing time for redemption of cards. To ensure that multiple living materials shipments for the same delivery date arrive together, please mail cards in one envelope. Warranty information will be shipped with your living materials order. Instructions for the care and feeding of living materials are available from the supplier or in the FOSS Teacher Guide.

**The purchase of some organisms are regulated by the USDA. Please call Delta Education for more information or visit our website. Cannot ship to AK and HI.**



**Delta Education**  
*...because children learn by doing.®*

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**For program information,**

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**1-800-258-1302**

(Mon-Fri 8am-6pm EST)

# How to Use the Replacement Parts List

The FOSS Middle School kits contain two categories of materials:

- Materials shared by all classes.** These materials are used by the students in first period, second period, and so on. Most of these materials are not consumed or otherwise removed from circulation as a result of being used. *Note: Some of these materials are consumable items. The consumable items are denoted by an asterisk (\*) and listed separately.*
- Materials used by one class only.** Some materials are used up or taken out of circulation when they are used by one class. The kit comes with five class sets of these materials (enough for five classes of 32 students).

This replacement parts catalog is organized to reflect these two kinds of materials. When placing your order, be sure to carefully consider the total number of items you will need in order to serve all of your classes.

**Teacher Supplied Materials.** The teacher must supply some of the materials needed to conduct the investigations. Complete lists of these materials are included in the Materials section of the FOSS Teacher Guides. Many of these items are available from Delta Education. For your convenience, these items are listed for each course.

FOSS® ELECTRONICS COURSE							742-5046-873	\$2,450.00
Qty. in Kit	Product Description	Order No.	Qty. in Rep. Pkg.	Pkg. Price	Pkgs. Wanted	Total Price		
<b>DRAWER 1 [shared by all classes]</b>								
5	FOSS Electronics CD-ROM	033-0550-873	1	123.50				
1	FOSS Electronics Lab Notebook	120-6501-873	1	5.25				
33	FOSS Electronics Resources book	542-1415-873	1	23.00				
1	FOSS Electronics transparencies, set/40	201-1998-873	1	40.20				
25	Battery snap, 9-V	023-0009-873	1	0.80				
1	Cell holder, AA, holds 6 batteries	023-6609-873	1	4.50	1	4.50		
25	Cup, plastic, 250-ml	031-0419-873	25	3.35				
25	Diodes, 1 amp	040-5162-873	25	3.80	1	3.80		
* 6	Fuses, 200 ma	060-5450-873	6	9.30				
16	Multimeter, 4 function	130-9846-873	1	34.00				
1	Novelty energy ball	080-0741-873	1	4.95				
100	Paper fasteners	160-0400-873	100	1.60				
1	Pliers, needle-nose	160-5966-873	1	4.90				
25	Potentiometers, 0-1000 ohm	180-8267-873	25	38.80				
1	Poster, SAFETY FOSS M/S	161-7263-873	1	1.60				
75	Resistors, 100k ohm, 2-watt	180-8278-873	75	3.20				
25	Resistors, 150 ohm, 2-watt	180-8168-873	25	1.20				
1	Screwdriver, Phillips, 8" x 2"	191-3230-873	1	2.50				
* 1	Solder, 1 oz (lead free)	192-9948-873	1	4.70				
1	Soldering iron	192-0126-873	1	22.20	1	22.20		
* 50	Straws, slim, clear	192-3690-873	50	0.50				
25	Transistor sockets	201-1987-873	25	7.90				
25	Transistors	201-1965-873	25	39.70				
1	Video, Television: Window to the World (DVD)	101-3384-873	1	25.70				
1	Wire stripper/cutter, 12-24 gauge	230-5346-873	1	7.80				
2	Wire, copper, bare, #22, 22'	230-0759-873	2	2.10				
1	Wire, copper, bare, #26, 25'	230-5269-873	1	1.50				
30	Wonder cards	032-2087-873	1	0.60				
20	Zip bags, 1-L	021-1353-873	25	2.80				
<b>DRAWER 2 [shared by all classes]</b>								
16	Spring boards	023-0126-873	16	3.60				
20	Zip bags, 1-L	021-1353-873	25	2.80				
<b>DRAWER 2 [kit contains with enough materials for five classes]</b>								
15	Resistors, 100k ohm, 2-watt	052-7998-873	25	11.30				
25	Diodes, 1 amp	040-5162-873	25	3.80				
75	Resistors, 100k ohm, 2-watt	120-5852-873	75	45.70				
50	LEDs, red	120-5863-873	50	20.30				
75	Resistors, 100k ohm, 2-watt	180-7992-873	75	3.20				
75	Resistors, 150 ohm, 2-watt	180-8168-873	25	1.20				
25	Resistors, 150 ohm, 2-watt	180-8025-873	25	1.20				
25	Resistors, 75 ohm, 2-watt	180-8014-873	25	1.20				
* 1	Sticky-notes, 3" x 3", 100/pad	120-5478-873	1	0.60				
1	Wire, copper, insulated, #24, 50'	230-0870-873	1	2.70				
25	Zip bags, 1-L	021-1353-873	25	2.80				
<b>* Consumable item.</b> This kit contains some consumable items. They are:								
	Fuses, 200 ma	060-5450-873	6	9.30				
	Solder, 1 oz, lead free w/ flux	192-9948-873	1	4.70				
	Sticky-notes, 3" x 3", 100/pad	120-5478-873	1	0.60				
	Straws, slim, clear	192-3690-873	50	0.50				
<b>MATERIALS SUPPLIED BY TEACHER</b>								
This kit requires some additional materials that are readily found in most schools. Delta Education offers some of these materials. A complete list of the materials supplied by the teacher is found in the Materials folio of the Teacher Guide.								
<b>MISCELLANEOUS</b>								
	Chart paper	030-3478-873	4	6.50				
<b>SUPPLIES</b>								
	Battery, AA, alkaline	021-3730-873	1	0.80				
	Batteries, 9-V, alkaline	021-0693-873	1	2.10				
	Kit, basic first aid	110-2125-873	1	41.20				
<b>TOOLS</b>								
	Calculators, TI 12	033-6923-873	1	22.70	1	22.70		
	Colored pencils	160-1456-873	12	7.20				
	Hole punch	160-3777-873	1	2.30				
	Pen, permanent marking	160-3514-873	1	1.30				
	Overhead-transparency markers	130-3070-873	8	7.70				
	Metric rulers	180-2327-873	4	3.10				
	Safety goggles	190-0029-873	1	5.10				

## Sample Order Page

- The original quantity in the kit.
- A description of the item(s).
- The order number of the item(s).
- The quantity or amount of the item(s) in the replacement package. *Note: The quantity in the replacement package may differ from original quantity in the kit.*
- The price for replacement package unit.
- The order quantity or the amount of packages wanted.
- The price for total number of packages ordered.

## Shipment will contain the following items:

- 1 Cell holder, AA
- 1 Diodes, 1 amp
- 1 Soldering iron
- 1 Calculators, TI 12

