

FOSS AIR AND WEATHER MODULE

Quantities for Multiple-Class Use

ADDITIONAL MATERIALS

There are enough consumable materials in the Water 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
Balloons, oblong, green*	021-8734	100	0	50	100
Balloons, round #7, blue*	021-8745	100	0	50	100
Calendar, class, laminated	160-9530	1	0	2	4
Cotton balls*	030-7262	100	0	50	100
Crepe paper sheet, 225 x 50 cm, blue*	160-9585	1 pkg	0	2	4
Dots, adhesive, 1/2" diameter, blue*	040-2247	420	0	210	420
Paper clips, jumbo	160-0390	100	0	200	260
Straws, jumbo*	191-7519	250	0	250	500
Straws, super jumbo*	191-4604	50	0	100	200
String, 300 m/ball*	191-4582	1 ball	0	1	2
Tape, transparent, in dispenser, 650"/roll*	200-4640	1 roll	0	4	8
Zip bags, 1-liter (1-qt)*	021-1353	25	0	25	50

* Consumable item

FOSS Air and Weather Module continued

TEACHER-SUPPLIED ITEMS	
<ul style="list-style-type: none">• Chart paper• Construction paper• Fork, metal• Stopwatch or watch with second hand• Compass (optional)• Paper cups, 5–6 oz• Poster board• Weather page from newspaper• Buckets (optional)• Fan or hair dryer• Glue• Pencils, crayons• Scissors• Tubs (optional)• Watercolor pen	<ul style="list-style-type: none">• White paper• Plastic 2-liter bottle• Corn syrup (optional)• Dishwashing liquid• Marking pens• Measuring cup and spoon• Paper towels• Pitcher• Cardboard tubes and scraps• Masking tape• Paper and paper scraps• Paper napkins• Plastic bags• Toothpicks <p>* Consumable item</p>

OTHER THINGS TO CONSIDER
<ul style="list-style-type: none">• Duplicate student sheets

FOSS BALANCE AND MOTION MODULE

Quantities for Multiple-Class Use

ADDITIONAL MATERIALS

There are enough consumable materials in the **Balance and Motion** 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
Cardboard disks, 7 cm, w/ w holes	033-4676	32	32	96	128
Cups, paper, 90 ml (3 oz)	032-6292	100	0	96	128
Cups, paper, 150 ml (5 oz)	031-8010	100	0	96	128
Index cards, plain, 3" x 5"*	030-2433	100	0	50	100
Paper clips, regular*	160-0389	100	0	100	200
Rubber bands, #14*	180-2041	500	0	250	500
Shafts, sllim, 5-3/4 in	193-3930	250	0	96	128
Straws, jumbo	191-7519	250	0	75	100
String, thin for zoomers, 185 m (600')*	191-4582	1 ball	0	1 ball	1 ball
Tape, masking 180'/roll*	200-0371	1 roll	0	1 roll	2 rolls
Tape, transparent, roll	200-4640	1 roll	0	1	2

* Consumable item

FOSS Balance and Motion continued

TEACHER-SUPPLIED ITEMS

- Lightweight cardboard
- Clothesline
- Pencils
- Pliers (optional)
- Crayons or markers
- Jump rope
- Paper
- Scissor
- Pennies
- Tinker Toys™ (optional)
- Marking pens
- Chart paper
- Chair with steel legs
- Musical instrument (optional)
- Felt-tipped pens
- Transparency (optional)

* Consumable item

OTHER THINGS TO CONSIDER

- Duplicate student sheets

[top](#)

FOSS INSECTS MODULE

Quantities for Multiple-Class Use

ADDITIONAL MATERIALS

There are enough consumable materials in the **Insects** 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
Cup lids, plastic, for 250-ml (9 oz.)	120-4675	36	0	8	16
Cups, plastic, 250-ml (9-oz.)	031-0419	25	0	8	16
Glycerine, 8 oz./bottle*	070-3240	1 bottle	0	1	1
Plastic bags, 15 x 7.5 x 38 cm	021-8778	24	0	12	24
Seeds, Sunflower, giant stripe, 150g/bag*	191-7706	1 pkg	0	1	1
Zip Bags	022-5521	40/pkg	0	10	20
Vials, 12-dram, with caps	220-0824	1	0	25	50

* Consumable item

FOSS Insects Module continued

TEACHER-SUPPLIED ITEMS

- Scissors
 - Tape
 - Pens
 - Paper towels
 - Apple, sweet potato, or potato
 - Paring knife
 - Spoon
 - Mealworms
 - White paper
 - Wheat bran
 - Pablum (baby cereal)
 - Dark paper or paper bag
 - Sugar
 - Waxworms
 - Milkweed bug eggs
 - Paper clips, jumbo
 - Pins and string
 - Twigs
 - Boxes and egg cartons
- * Consumable item

- Mulberry leaves
- Plastic bag
- Silkworm eggs
- Painted lady butterfly larvae
- Red construction paper
- Measuring spoon
- Sugar
- Ants and ant farm
- Aquatic insects and plants
- Containers
- Crickets
- Measuring cup
- Soda bottles, 2-liter
- Large bowl
- Duct tape
- Newspaper or tray
- Lamps
- Waxed paper
- Modeling clay
- Yellow crayon
- Chart paper

OTHER THINGS TO CONSIDER

- Duplicate student sheets

FOSS INSECTS AND PLANTS MODULE

Quantities for Multiple-Class Use

ADDITIONAL MATERIALS

There are enough consumable materials in the **Insects and Plants** 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](#).

Component	Delta Part Number	Quantity in package	2 classes	3 classes	4 classes
Cup lids, plastic	120-4675	36	50	8	16
Cups, plastic planter, w/ 2 holes, 90 ml	033-4632	100	0	50	100
Cups, plastic, 250-ml (9-oz.)	031-0419	25	50	100	150
Containers, plastic, 1/2-liter	031-2168	9	0	32	64
Glycerine, 8 oz./bottle*	070-3856	1 bottle	0	1	1
Plastic bags, 15 x 7.5 x 38 cm	021-8778	24	0	12	24
Seeds, Sunflower, giant stripe, 150 g/bag*	193-1290	1 pkg	0	1	1
Cup lids, plastic, with 2 holes	120-3950	50	0	100	150
Netting, 23 cm X 150 cm	140-1399	1 each	0	1	2
Vials, 12-dram, with caps	220-0824	1	0	75	125
Seeds, Brassica rapa, 200/pkg*	191-7156	1 pkg	0	100	200
Labels, white, removable, 1 x 4.5 cm*	120-1606	252	0	150	300
Lamp bulb, fluorescent cool, 18"	021-8350	1	1	4	6
Lamp fixture, for 2 bulbs	120-3960	1	1	2	3
Lamp frame made from PVC pipe, 20 pieces	120-3993	1	1	2	3
Soil, potting, 4 lb/bag	191-3559	1 bag	0	1 bag	1 bag
Tray, planter, 30 x 45 cm (12" x 18")	101-2342	1	2	4	6
Cotton balls*	030-7262	100	0	50	100
Paper towels, for making wicks*	230-3564	10 sheets	0	5	10
Zip bags, 4-liter (gallon)	022-5521	40/pkg	0	10	20

FOSS Insects and Plants Module continued

TEACHER-SUPPLIED ITEMS

- Scissors
- Transparent tape
- Marking pens, different colors
- Paper towels
- Apple, sweet potato, or potato*
- Paring knife
- Spoon
- Mealworms
- White paper
- Wheat bran*
- Pablum (baby cereal)*
- Dark paper or paper bag
- Waxworms
- Milkweed bug eggs
- Paper clips, jumbo
- Pins and string
- Twigs
- Boxes, egg cartons, and/or berry baskets
- Mulberry leaves*
- Overhead-transparency pen
- Cotton swabs (optional)
- Extension cord (optional)
- Graph paper (optional)
- VCR and monitor
- Potting soil*
- Card stock, pieces (optional)
- Colored pencils (optional)
- Glue
- Plastic lid (optional)
- Plastic bag, abpit 4-liters
- Silkworm eggs
- Painted lady butterfly larvae
- Construction paper
- Measuring spoon, 1/4 tsp
- Sugar*
- Ants and ant farm
- Aquatic insects and plants
- Containers
- Crickets
- Measuring cup
- Pitcher or soda bottles, 2-liter
- Large bowl
- Duct tape
- Newspaper or tray
- Lamps
- Waxed paper
- Modeling clay
- Yellow crayon
- Chart paper
- Large white paper
- Marking pen, permanent (optional)
- Pencils
- Zip bag, 1-liter (optional)
- Water
- Large flat box or lid
- Rulers, metric
- Fresh orange (optional)
- Mallow plant or leaves (optional)

* Consumable item

OTHER THINGS TO CONSIDER

- Duplicate student sheets.
- You may want to make extra copies of the Class Calendars.

FOSS NEW PLANTS MODULE

Quantities for Multiple-Class Use

ADDITIONAL MATERIALS

There are enough consumable materials in the **New Plants** 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.

ITEM	Delta Part #	Quantity in package	2 classes	3 classes	4 classes
Containers, plastic, 1/2-liter	030-6426	9	16	32	48
Cotton balls*	030-7262	100	0	50	100
Cup lids, plastic, with 2 holes	120-3950	50	50	100	150
Cups, plastic, 250-ml (9-oz.)	031-0419	25	50	100	150
Cups, plastic, 500-ml (16-oz.)	032-6886	8	8	16	24
Cups, plastic planter, w/ 2 holes, 90-ml	031-9582	140	0	70	140
Labels, white, removable, 1 x 4.5 cm*	120-1606	252	0	150	300
Lamp bulb, fluorescent cool, 18"	021-8350	1	2	2	6
Lamp fixture, for 2 bulbs	120-3960	1	1	2	3
Lamp frame made from PVC pipe, 20 pieces	120-3993	1	1	2	3
Paper towels, for making wicks*	230-3564	10 sheets	0	5	10
Seeds, Brassica rapa, 200/pkg*	191-7156	1 pkg	0	100	200
Tray, planter, 30 x 45 cm (12" x 18")	101-2342	1	2	4	6
Vermiculite, 4-liter (4-qt.)/bag*	220-0043	1 bag	1	1	1

* Consumable item

FOSS New Plants Module continued

TEACHER-SUPPLIED ITEMS

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|--|--|
| <ul style="list-style-type: none">• Chart paper• Extension cord• Marking pen for acetate• Newspaper• Paper towels• Potting soil• White glue• Scissors• Straightedge• Box or tray• Flower pots and coasters | <ul style="list-style-type: none">• Paring knives• Pitcher or 2-liter soda bottle• Plants to make cuttings• Potatoes• Onion or garlic bulbs• Roots (carrots, radishes)• Pencils• Plastic bags• Metric rulers• Graph paper• White paper |
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OTHER THINGS TO CONSIDER

You could have some classes start with Activity 1–2 and other classes do Activities 3–4. This would cut down on the amount of extra permanent equipment needed. The above lists assumes that all classes would be starting with Activity 1.

FOSS PEBBLES, SAND, AND SILT MODULE

Quantities for Multiple-Class Use

ADDITIONAL MATERIALS

There are enough consumable materials in the **Pebbles, Sand, and Silt** 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
Clay, ceramic, gray, 2.3 kg/bag (5 lb.)*	031-9440	1 bag	0	1 bag	1 bag
Clay, dry powdered, .45 kg/bag (1 lb.)*	032-3168	1 bag	0	1 bag	1 bag
Cups, plastic, 250-ml (9-oz.)	031-0419	25	0	25	50
Gravel, 2.3 kg/bag (5 lb.)*	070-7057	1 bag	0	1 bag	1 bag
Labels, Post-it™, 100/pad*	160-8144	5 pads	0	4	8
Paper plates	160-2798	35	0	35	70
Pebbles, small, 2 kg/bag (4 lb.)*	161-2016	1 bag	0	1 bag	1 bag
Rocks, basalt, dark gra	180-4615	72	0	72	72
Rocks, scoria, reddish	180-4637	72	0	72	72
Rocks, tuff, yellowish or light-colored	180-4648	72	0	72	72
Sand, unwashed, with silt, 2.3 kg/bag*	192-0775	1 bag	0	1 bag	1 bag
Soil, potting, 2 kg/bag (4 lb.)*	191-3559	1 bag	0	1 bag	1 bag
Vials, 12-dram, with caps	220-0824	1	36	72	108

* Consumable item

FOSS Pebbles, Sand, and Silt continued

TEACHER-SUPPLIED ITEMS

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|--|--|
| <ul style="list-style-type: none">• Chart paper• Crayons, marking pens, pencils• White paper• Paper towels and sponges• Pitcher or 2-liter soda bottle• Glue• Knife or string• Paper towels and sponges• Transparent tape• Aluminum mini-loaf pans• Brick (optional)• Bucket or plastic bag | <ul style="list-style-type: none">• Clay soil• Box of cornstarch• Dry grass or weeds• Knife or string• Newspaper• Painting supplies• Sand• Soda straws• Trowel• Colored yarn• Scratch paper <p>* Consumable item</p> |
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OTHER THINGS TO CONSIDER

- Duplicate student sheets
- Activity 4, Parts 1 and 3: Use one set of vials for the homemade soil. Then each class needs another set of 36 vials.

FOSS PLANTS AND ANIMALS MODULE

Quantities for Multiple-Class Use

ADDITIONAL MATERIALS

There are enough consumable materials in the **Plants and Animals** 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](#).

Component	Delta Part Number	Quantity in package	2 classes	3 classes	4 classes
Containers, plastic, 1/2-liter	030-6426	9	16	32	48
Cotton balls*	030-7262	100	0	50	100
Cup lids, plastic, with 2 holes	120-3950	50	50	100	150
Cups, plastic, 250-ml (9-oz.)	031-0419	25	50	100	150
Cups, plastic, 500-ml (16-oz.)	032-6886	8	8	16	24
Cups, plastic planter, w/ 2 holes, 90-ml	033-4632	140	0	70	140
Labels, white, removable, 1 x 4.5 cm*	120-1606	252	0	150	300
Basin, clear plastic, 6-liter	023-2803	1	2	4	8
Basin cover, plastic	120-5710	1	2	4	8
Containers, plastic, 1/2-liter	030-6426	9	25	50	100
Paper towels, for making wicks*	230-3564	10 sheets	0	5	10
Straws, jumbo	191-7516	250	0	100	140
Tray, planter, 30 x 45 cm (12" x 18")	101-2342	1	2	4	6
Vermiculite, 4-liter (8-qt.)/bag*	220-0043	1 bag	1	1	1

* Consumable item

FOSS Plants and Animals Module continued

TEACHER-SUPPLIED ITEMS

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| <ul style="list-style-type: none">• Chart paper• Marking pen for transparencies• Newspaper• Paper towels• Potting soil• White glue• Scissors• Straightedge• Box or tray• Flower pots and coasters• Large flower pot• Construction paper, brown and green• Paper cups (optional)• Paper cutter (optional)• Drawing paper• Paint, colored pencils, markers, other media• Plastic teaspoons | <ul style="list-style-type: none">• Transparencies, blank• Paring knives• Pitcher or 2-liter soda bottle• Plants to make cuttings• Potatoes• Onion or garlic bulbs• Roots (carrots, radishes)• Pencils• Plastic bags• Metric rulers• Water• White paper• Index cards (optional)• Camera and film• Large plastic bag• Bottled water (optional)• Animals (earthworms, isopods)• Food for animals (apple, carrots, seeds, dried leaves)• Small sticks or stones |
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OTHER THINGS TO CONSIDER

- Duplicate student sheets.
- You could have some classes start with Activity 1-2 and other classes do Activities 3-4. This would cut down on the amount of extra permanent equipment needed. The above lists assumes that all classes would be starting with Activity 1.
- You may want to make extra paper copies of the Class Calendars if you are teaching more than two classes.

FOSS SOLIDS AND LIQUIDS MODULE

Quantities for Multiple-Class Use

ADDITIONAL MATERIALS

There are enough consumable materials in the **Solids and Liquids** 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
Aluminum foil, 7.5 m/roll (25')*	010-1397	1 roll	0	1 roll	2 rolls
Bottles, plastic with caps 120-ml (4 oz.)	021-6380	7	16	32	48
Candy, hard mints	031-7987	30	0	30	40
Cardboard pieces, 7.5 cm square (3" square)*	032-6919	100	0	50	100
Containers, plastic, 1/4-liter	031-3147	5	12	24	36
Cornmeal, 280 g/container (10 oz.)*	031-8009	1	0	1	1
Cups, paper, 150-ml (5-oz.)	031-8010	100	0	50	100
Lima Beans, 280 g/container (10 oz.)*	120-8129	1	0	1	1
Mung beans, 280 g/container (10 oz.)*	131-2045	1	0	1	1
Pinto beans, 280 g/container (10 oz.)*	161-9317	1	0	1	1
Rice, 280 g/container (10 oz.)*	181-0691	1	0	1	1
Rock salt, 454 g/container (1 lb.)*	180-4440	1	0	1	1
Toothpaste*	200-6905	1	0	1	1
Zip bags, 1-liter (1-qt.)*	021-1353	25	0	25	50

* Consumable item

FOSS Solids and Liquids Module continued

TEACHER-SUPPLIED ITEMS	
<ul style="list-style-type: none">• Bag pf 15-beacn soup mix (optional)• Balances (optional)• Birthday candles• Crayon• Chocolate chips• Gram masses (optional)• Ice cubes• Margarine• Matches• Thermos• Hot water• Room-temperature water• Chart paper• Paper bag or box• Rock or other solid object• Cooking oil• Corn syrup	<ul style="list-style-type: none">• Liquid detergent• Liquid hand soap• Liquid fabric softener or starch• Paper towels• Colored pencils or pens• Scissors• Small pieces of chalk• Cookies• Raisins• Roll of transparent tape• Books or lapboards• Broom and dustpan• Marking pen• Paper strips• Writing paper• Glue <p>* Consumable item</p>

OTHER THINGS TO CONSIDER
<ul style="list-style-type: none">• Duplicate student sheets.• Access to freezer and ice cubes.