

FOSS IDEAS AND INVENTIONS MODULE

Quantities for Multiple-Class Use

ADDITIONAL MATERIALS

There are enough consumable materials in the **Ideas and Inventions** 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
Tape, transparent, in dispenser, 650"/roll *	200-4640	1 roll	0	4	4
Index cards, 100/pkg *	030-2433	1 pkg	0	1	1
Labels, sticky notes, small, 100/pad *	120-2475	1 pkg	0	1	1

* Consumable materials

TEACHER-SUPPLIED ITEMS

- | | |
|---|--|
| <ul style="list-style-type: none">• Clay• Crayons• Sets of leaves• Scraps of colored paper• Colored pencils• Pennies• Pens, watercolor, black, blue, and red• Plastic bags• Chalk• Set of leaves (optional)• #2 pencils• Scratch paper | <ul style="list-style-type: none">• Scissors• Slide projector (optional)• Aluminum foil (optional)• Facial tissue• Newspaper• Paper towels, for spills• Paper towels, various brands for testing• Scraps of cardboard• Permanent marking pens• Masking tape• Overhead transparencies• Chart paper |
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OTHER THINGS TO CONSIDER

- Duplicate student sheets

FOSS MODELS AND DESIGNS MODULE

Quantities for Multiple-Class Use

ADDITIONAL MATERIALS

There are enough consumable materials in the **Models and Designs** 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
Bell, small	021-1364	1	9	18	27
Binder clips, small, 3/8" capacity	031-2620	4	36	72	108
Cell holder, FOSS™	020-9141	1	9	18	27
Clothespins, wooden	030-5447	12	36	72	108
Construction board base, plastic	032-3333	1	9	18	27
Construction board, plywood with holes	032-3344	1	9	18	27
D-cells	0209-9152	1	9	20	30
Hubs, wooden with hole, 1-3/4" diam., 5/8" thick	230-2409	1	72	144	216
Motor, electric, with leads, stranded wire #20	130-3554	1	10	20	30
Paper clips, large	160-0390	100	100	100	200
Paper fasteners, #4, 1"	160-0422	100	0	50	200
Rubber bands, #16*	180-7520	300	300	80	120
Sticks, long, 18 cm (7"), 1/4" diam.	192-3734	40	40	80	120
Sticks, medium, 10 cm (4"), 1/4" diam.	192-3723	40	40	80	120
Sticks, short, 6 cm (2.5"), 1/4" diam.	192-3646	40	40	1	2
String, 30 m/ball*	191-1469	1 ball	0	1	2
Tape, masking, 180'/roll*	200-0371	1 roll	0	1	2
Wire, #22, solid, uninsulated, 13m/roll (44')*	230-0759	1 roll	0	10	20
Zip bags, 4-liter (1-gal.)	021-1331	20	0	18	27

* Consumable item

FOSS Models and Designs continued

TEACHER-SUPPLIED ITEMS

- Scratch paper
- D-cells
- Large paper bag
- Pair of pliers
- Cardboard
- Scissors, large
- Scissors, small
- Stapler
- Permanent marking pens
- Chart paper
- Large book or box
- Transparencies (optional)
- Overhead projector (opt.)
- Push pins (for assessment)
- Glue (for assessment)

OTHER THINGS TO CONSIDER

- Duplicate student sheets.
- If you allow each class to keep the construction materials from day to day for re-use, then you will need a set for each class as indicated on this sheet.

FOSS VARIABLES MODULE

Quantities for Multiple-Class Use

ADDITIONAL MATERIALS

There are enough consumable materials in the **Variables** 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	1 roll
Cups, paper hot cups, 210-ml (7-oz.)*	030-8021	50	0	50	100
Rubber bands, #33*	180-7541	50	0	25	50
Stick pieces, craft, 2 cm*	191-1128	100	0	50	100
Sticks, craft*	190-5914	50	0	50	100
Straws, jumbo*	190-6497	50	0	25	50
String, 30 m/ball*	191-1469	1 ball	0	1	2 balls
Zip bags, 1-liter (1-qt.)	021-1353	25	0	10	20

* Consumable items

TEACHER-SUPPLIED ITEMS

- Cardboard strip
- Masking tape
- Pencils
- Pennies
- Scissors
- Watch with second hand
- Marking pens, permanent
- Paper towels
- Books
- Rubber bands of various sizes
- Staplers
- Calculators (optional)
- White glue
- Notebook paper
- Rulers
- Scrap paper
- Overhead-transparency pen (optional)
- Transparencies (optional)
- Overhead projector (optional)

OTHER THINGS TO CONSIDER

- Duplicate student sheets.
- Propellers and hooks are removed from the plane body after each class. So only one class set of propellers and hooks is needed. Each team stores their FOSS plane body in a zip bag for the next day.