

Quantities for Multiple-Class Use

FOSS IDEAS AND INVENTIONS MODULE

FOR TWO CLASSES A DAY

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 these additional materials:

Nothing

FOR THREE CLASSES A DAY

In addition to the kit, you will need:

- 4 Tape, transparent, in dispenser, 650"/roll
- 1 Package of index cards, 100/pkg
- 1 Pad of sticky notes, small, 100/pad

FOR FOUR CLASSES A DAY

In addition to the kit, you will need:

- 4 Tape, transparent, in dispenser, 650"/roll
- 1 Package of index cards, 100/pkg
- 1 Pad of sticky notes, small, 100/pad

* Consumable item

TEACHER-SUPPLIED ITEMS

- 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
- 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

OTHER THINGS TO CONSIDER

- Duplicate student sheets

ORDERING INFORMATION

The materials suggested above can be ordered from Delta Education.

ITEM	Delta Part #	Quantity in package
Tape, transparent, in dispenser, 650"/roll	42-200-4640	1 roll
Index cards, 100/pkg	42-030-2433	1 pkg
Labels, sticky notes, small, 100/pad	42-120-2475	1 pkg

Quantities for Multiple-Class Use

FOSS MODELS AND DESIGNS MODULE

FOR TWO CLASSES A DAY

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 these additional materials:

9 Bell, small	10 Motor, electric, with leads
36 Binder clips, small	9 D-cells
9 Cell holder, FOSS	100 Paper clips, large
36 Clothespins, wooden	300 Rubber bands, #16*
9 Construction boards, with bases	40 Sticks, long, 18 cm
72 Hubs, wooden with hole	40 Sticks, medium, 10 cm
	40 Sticks, short, 6 cm

FOR THREE CLASSES A DAY

In addition to the kit, you will need:

18 Bell, small
72 Binder clips, small
18 Cell holder, FOSS
72 Clothespins, wooden
18 Construction boards, with bases
144 Hubs, wooden with hole
20 Motor, electric, with leads
18 D-cells
200 Paper clips, large
100 Paper fasteners, #4, 1"
600 Rubber bands, #16*
80 Sticks, long, 18 cm
80 Sticks, medium, 10 cm
80 Sticks, short, 6 cm
1 String, ball*
1 Tape, masking, roll*
1 Wire, #22, solid, uninsulated, roll
10 Zip bags, 4-liter

FOR FOUR CLASSES A DAY

In addition to the kit, you will need:

27 Bell, small
108 Binder clips, small, 3/8" capacity
27 Cell holder, FOSS
108 Clothespins, wooden
27 Construction boards, with bases
216 Hubs, wooden with hole
30 Motor, electric, with leads
27 D-cells
300 Paper clips, large
200 Paper fasteners, #4
900 Rubber bands, #16*
120 Sticks, long, 18 cm
120 Sticks, medium, 10 cm
120 Sticks, short, 6 cm
2 String, ball*
2 Tape, masking, roll*
2 Wire, #22, solid, uninsulated, roll
20 Zip bags, 4-liter

* Consumable item

TEACHER-SUPPLIED ITEMS

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

ORDERING INFORMATION

The materials suggested above can be ordered from Delta Education.

ITEM	Delta Part #	Quantity in package
Bell, small	42-021-1364	1
Binder clips, small, 3/8" capacity	42-031-2620	4
Cell holder, FOSS™	42-020-9141	1
Clothespins, wooden	42-030-5447	12
Construction board base, plastic	42-032-3333	1
Construction board, plywood with holes	42-032-3344	1
D-cells	42-0209-9152	1
Hubs, wooden with hole, 1-3/4" diam., 5/8" thick	42-230-2409	1
Motor, electric, with leads, stranded wire #20	42-130-3554	1
Paper clips, large	42-160-0390	100
Paper fasteners, #4, 1"	42-160-0422	100
Rubber bands, #16*	42-180-7520	300
Sticks, long, 18 cm (7"), 1/4" diam.	42-192-3734	40
Sticks, medium, 10 cm (4"), 1/4" diam.	42-192-3723	40
Sticks, short, 6 cm (2.5"), 1/4" diam.	42-192-3646	40
String, 30 m/ball*	42-191-1469	1 ball
Tape, masking, 180' /roll*	42-200-0371	1 roll
Wire, #22, solid, uninsulated, 13m/roll (44')*	42-230-0759	1 roll
Zip bags, 4-liter (1-gal.)	42-021-1331	20

Quantities for Multiple-Class Use

FOSS VARIABLES MODULE

FOR TWO CLASSES A DAY

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 these additional materials:

Nothing

FOR THREE CLASSES A DAY

In addition to the kit, you will need:

1 roll	Aluminum foil*
50	Cups, paper hot cups*
25	Rubber bands, #33*
50	Stick pieces, craft*
50	Sticks, craft*
25	Straws, jumbo*
1	String,ball*
10	Zip bags, 1-liter

FOR FOUR CLASSES A DAY

In addition to the kit, you will need:

1 roll	Aluminum foil*
100	Cups, paper hot cups*
50	Rubber bands, #33*
100	Stick pieces, craft*
100	Sticks, craft*
50	Straws, jumbo*
2 balls	String,ball*
20	Zip bags, 1-liter

* Consumable item

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.

ORDERING INFORMATION

The materials suggested above can be ordered from Delta Education.

ITEM	Delta Part #	Quantity in package
Aluminum foil, 7.5 m/roll (25')*	42-010-1397	1 roll
Cups, paper hot cups, 210-ml (7-oz.)*	42-030-8021	50
Rubber bands, #33*	42-180-7541	50
Stick pieces, craft, 2 cm*	42-191-1128	100
Sticks, craft*	42-190-5914	50
Straws, jumbo*	42-190-6497	50
String, 30 m/ball*	42-191-1469	1 ball
Zip bags, 1-liter (1-qt.)	42-021-1353	25