

## FOSS STRUCTURES OF LIFE MODULE

### Quantities for Multiple-Class Use

#### ADDITIONAL MATERIALS

There are enough consumable materials in the **Structures of Life** 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
Basin, clear plastic, 6-liter	120-5710	1	2	4	6
Bus tray, 18 x 38 x 51cm	200-4661	1	2	4	6
Cat food, dry, 16g/bag*	031-0441	1 pkg	0	1	1
Container lids, plastic, for 1/4-liter	120-1970	5	0	10	20
Containers, plastic, 1/2-liter	030-6426	9	0	2	3
Containers, plastic, 1/4-liter	031-3147	5	0	10	20
Crayfish houses, plastic, 4/set	031-0452	1 set	2 sets	4 sets	6 sets
Filter paper, round, coffee, 20-cm diam.*	160-4844	50	0	25	50
Gravel, 1 kg (2 lb.)	070-7046	1 bag	0	4 bags	6 bags
Hydroponic plant holder	080-0755	1	4	8	12
Seeds, bush bean, pkg*	190-1228	1 pkg	0	2 pkgs	4 pkg
Seeds, lima bean, pkg*	120-0957	1 pkg	0	1 pkg	1 pkg
Seeds, pea, pkg*	190-1525	1 pkg	0	1 pkg	2 pkg
Seeds, popcorn, pkg*	190-1613	1 pkg	0	1 pkg	2 pkg
Seeds, sunflower, pkg*	190-1701	1 pkg	0	1 pkg	2 pkg
Sprouter	190-9742	1	1	2	3
Straws, jumbo*	190-6497	50	0	25	50
Yarn, 30-cm, 4 colors/set*	250-0156	1 set	0	1 set	1 set

\* Consumable item

## FOSS Structures of Life continued

### TEACHER-SUPPLIED ITEMS

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| <ul style="list-style-type: none"><li>• Bean or pea pods</li><li>• Selection of fruits</li><li>• Newspaper</li><li>• Paper or plastic plates</li><li>• Paper towels</li><li>• White glue</li><li>• Bleach, about 50-ml</li><li>• Transparent tape</li><li>• Crayfish</li><li>• Permanent marking pen</li><li>• Water plants (Elodea)</li><li>• Masking tape</li></ul> | <ul style="list-style-type: none"><li>• Scissors</li><li>• Water (aged)</li><li>• Overhead projector (optional)</li><li>• Paper, unlined</li><li>• Land snails</li><li>• Carrots or spinach</li><li>• Rubber bands</li><li>• Chalk</li><li>• Flashlights</li><li>• Thread</li><li>• Knife</li><li>• Dry-soup mix</li><li>• Isopods</li></ul> |
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### OTHER THINGS TO CONSIDER

- The best way is to have a set of crayfish (2 trays, total 8 crayfish) for each class and have them reside in the regular classroom (not the science resource room).

## FOSS HUMAN BODY MODULE

### Quantities for Multiple-Class Use

#### ADDITIONAL MATERIALS

There are enough consumable materials in the **Human Body** 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
Index cards, plain*	031-0837	100	0	32	32
Paper clips, regular	160-0389	100	0	100	64
Tape, masking, 180'/roll*	200-0371	1 roll	0	4	200
Labels (sticky notes), 100/pad	120-2475	1 pad	0	1	8
Dots, adhesive, 1/2" diameter, blue*	040-2247	420	0	0	2

\* Consumable item

#### TEACHER-SUPPLIED ITEMS

- Glue
- Owl pellets
- Paper plates or towels
- Spray mister (optional)
- Nails, 4-penny
- Paper fasteners, 1/2"
- Transparent tape
- Sheets of newspaper
- Sheets of writing paper
- Pennies
- Popcorn, unpopped
- Scratch paper
- Scissors
- Chicken leg bone (optional)
- Chicken vertebrae (optional)

#### OTHER THINGS TO CONSIDER

- Duplicate student sheets

## FOSS LIVING SYSTEMS MODULE

### Quantities for Multiple-Class Use

#### ADDITIONAL MATERIALS

There are enough consumable materials in the **Living Systems** 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
Vial holders	222-0195	1	8	16	24
Vials, 12 -dram	220-0824	1	32	64	96
Zip bags, 1-liter	021-1353	25	0	50	75
Yeast, bulk pack, 0.5 kg/bag	250-0266	5	0	1 bag	1 bag

\* Consumable item

#### TEACHER-SUPPLIED ITEMS

- Flip chart
- Marking pen
- DVD player and monitor
- Celery with leaves
- Jar
- Knife
- Plastic bags
- Animal crackers
- Breakfast cereal samples
- Flour
- Ice chest or large coffee urn
- Paper towels
- Soda bottles, 2-liter
- Sugar
- Water
- Hot water

#### OTHER THINGS TO CONSIDER

- Duplicate student sheets.

## FOSS ENVIRONMENTS MODULE

### Quantities for Multiple-Class Use

#### ADDITIONAL MATERIALS

There are enough consumable materials in the **Environments** 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, heavy duty, 25' roll*	060-1050	1 roll	0	1	1
Basin, clear plastic, 6-liter	023-2803	1	16	32	48
Basin cover, plastic	120-5710	1	16	32	48
Containers, plastic, 1/2-liter	030-6426	9	40	80	108
Cup lids, plastic, 250-ml (9 oz.)	120-2937	50	50	100	150
Cups, plastic, 250-ml (9-oz.)	031-0419	25	50	100	150
Self-stick notes, small, 100 / pad*	120-2475	1 pad	0	2	4
Salt, kosher, 1.36 kg/box	192-5890	1	0	1	1
Seeds, corn, 100/pkg*	190-1294	1 pkg	0	3	6
Seeds, pea, 100/pkg*	190-1525	1 pkg	0	3	6
Straws, jumbo, wrapped*	191-7410	50	0	25	50
Tape, transparent, in dispenser	200-4640	1 roll	0	2	4
Tray, FOSS, plastic	200-5080	1	8	16	24
Tubes, plastic, tray columns, 3 cm diameter	200-5112	1	16	32	48
Zip bags, 4-liter (1-gal.)	021-1331	20	40	80	120

\* Consumable item

TEACHER-SUPPLIED ITEMS	
<ul style="list-style-type: none"> <li>• Darkling beetles</li> <li>• Isopods</li> <li>• File folders (stiff paper)</li> <li>• Plastic wrap</li> <li>• Newspaper</li> <li>• Paper towels</li> <li>• Soil</li> <li>• Apple, carrot, potato*</li> <li>• Bus trays or other flat containers</li> <li>• Bran or chick starter mash</li> <li>• Chart paper</li> <li>• Flowers</li> <li>• Marking pens</li> <li>• Lined paper</li> </ul>	<ul style="list-style-type: none"> <li>• Water</li> <li>• Ice</li> <li>• Vinegar</li> <li>• Plant matter</li> <li>• White paper</li> <li>• Hot-water bottle (optional)</li> <li>• Amphipods (Gammarus)</li> <li>• Goldfish</li> <li>• Elodea sprigs</li> <li>• Lemna (duckweed)</li> <li>• Small pond snails</li> <li>• Aged tap water or bottled water</li> <li>• Overhead projector (optional)</li> </ul>

## OTHER THINGS TO CONSIDER

- Duplicate student sheets
- Activity 2: To save on aluminum foil, runways could be made by one class and reused by all classes although there is value in having the students follow directions to make their own.
- Activity 6: There should be only one set of salt solutions for a class. At the end of the class, any remaining water should be tossed. The next class will make up a new salt solutions for watering the plants.

## FOSS FOOD AND NUTRITION MODULE

### Quantities for Multiple-Class Use

#### ADDITIONAL MATERIALS

There are enough consumable materials in the **Food and Nutrition** 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 trays	200-2373	10	9	18	27
Baking soda, 450 g/container *	021-1200	450 grams	0	450 g	450
Paper, kraft, small (13 X 13 cm) *	160-7825	100 sheets	0	50	100
Wax paper *	160-0972	1 roll	0	1	1
Zip bags, 1-liter size	021-1353	25 bags	0	50	100
Dots, adhesive, blue, 1/2" diameter *	040-2103	250	0	300	600

\* Consumable item

#### TEACHER-SUPPLIED ITEMS

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|--|---|
| <ul style="list-style-type: none"><li>• Facial tissues *</li><li>• Food samples *</li><li>• Watercolor pens</li><li>• Salad oil *</li><li>• Transparent tape *</li><li>• Animal crackers *</li><li>• Cereal samples *</li><li>• Coffee pot or hot water</li><li>• Flour *</li><li>• Paper towels *</li><li>• Soda bottles, 2-liter</li></ul> | <ul style="list-style-type: none"><li>• Sugar *</li><li>• Fresh citrus fruit *</li><li>• Fruit drinks *</li><li>• Vinegar *</li><li>• Vitamin-C tablets, 250-mg*</li><li>• Food products or packages (optional)</li><li>• Pins or tape</li><li>• Bucket (optional)</li><li>• Food coloring, blue and green (assessment) *</li><li>• Overhead-transparency pen</li></ul> |
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#### OTHER THINGS TO CONSIDER

- Duplicate student sheets