

Materials

Classroom Supplies

To help you make advance preparations, this table lists the classroom items used for this unit. See the lessons for information about how each item is used. For quantities listed as “per group,” figure on small groups of about four to six children.

Quantity	Item	Lesson(s)
1 per child	Glue sticks	1, 2, 3, 7, 24
1 pair per child	Scissors	2, 3, 7, 20, 23, 24
1	Meter stick or yardstick	2, 7
1	Camera (optional)	5, 11, 16
1 per group	Clipboards (optional)	6, 11, 19
1	Book	7, 24
1	Bowl	7, 24
1 roll	Clear tape	7, 24
150 mL tube (ink) or 1 pint (paint)	Ink, bright colors, washable or Tempera paint, bright colors, washable	7, 24
1	Ink roller or paint brush	7, 24
1 or 2 newspapers or 1 roll	Newspaper or plastic wrap	7, 24
1 roll or stack	Paper towels	7, 12, 13, 24
1 bar and bowl	Soap and water	7, 24
1 per child	Marker, black	8
1 per pair	Foods, assortment	8
1 box	Plastic bags, resealable	8
1 per child	Rulers	9, 10
Several sheets	Chart paper	9, 21, SBA 02
Varies	Tree cross sections from home (optional)	10
1 per group	Tape measures	10
1	Container, clear plastic or glass	12
1	Growing light, grow lamp or fluorescent bulb (optional)	12
1	Plant	12
Several cups	Water	12
2 per group	Containers	13
1 bag	Potting soil	13
1 roll	Masking tape	13, 20
Several	Leaves of hollyhock, thistle and mallow (optional)	14, 15, 21

HIGHLIGHTED ITEMS ARE INCLUDED IN THIS PACKAGE

Quantity	Item	Lesson(s)
Several	Leaves from other kinds of plants caterpillars may eat	15
1	Book: <i>From Caterpillar to Butterfly</i> , by Deborah Heiligman (or other picture book that shows all of the life cycle stages of a butterfly)	17
1	Book: <i>The Reason for a Flower</i> , by Ruth Heller (or another picture book that describes plant reproduction)	18
1 per pair	Flowers, several varieties	18
1 per pair	Apple slices	21, 22
1 per pair	Containers, clear glass or plastic 1 to 2 L (1 to 1 qt)	21, 22
1 per group	Paper plates	21, 22, 23
1	Sugar water, (10 mL (2 tsp) sugar dissolved in 500 mL (1 pt) water	21, 22
1 per pair	Tissue paper, 2.5 cm (1 in) diameter balls	21, 22
1 per pair	Rubber bands	21, 22
Several types	Collection of fruits	23
2 or 3	Flowers (optional)	23
1	Knife, sharp	23
2 per group	Knives, plastic	23
1 per child	Pea pods, from class plant (if available) or grocery store	23
Several	Rose hips (optional)	23
1	Stapler	26
5-10 per child	Centimeter cubes	SBA 01
1 per pair	Rulers, centimeter (optional)	SBA 01
1	Ruler or tape measure with inches on one side and centimeters on the other	SBA 01
More than one per child	Collection of small items (may include dry beans, leaves, shells, coins, cans, balls, bottles, etc.)	SBA 01
1 per child	Paper clips, large, 1 cm X 5 cm (1/2 in x 2 in)	SBA 01
1 per group	Trays	SBA 02
1 per group	Apples, (same kind, similar in appearance)	SBA 02
1	Filmstrip, slide, or overhead projector and filmstrip, slides, or overhead transparencies (any subject)	SBA 03
2 or more	Flashlights or other light sources (optional)	SBA 03
1 or more	Jeweler's loupe (optional)	SBA 03
1 per pair	Lincoln pennies, new and clean	SBA 03
1 sheet per group of 4	Paper, graph	SBA 03
Several sheets per child	Paper, blank, 8.5" X 11"	Multiple lessons

HIGHLIGHTED ITEMS ARE INCLUDED IN THIS PACKAGE

Quantity	Item	Lesson(s)
Several sheets per child	Paper, construction	Multiple lessons
1	Overhead projector	Multiple lessons
1	Overhead transparency	Multiple lessons
1 set per child	Colored pencils or pens	Multiple lessons
1 per child	Pencils	Multiple lessons
2 packs	Index cards, 3" X 5"	Multiple lessons