

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.

Quantity	Item	Lesson(s)
1	Camera (optional)	1, 4, 10, 13
1–2 sheets	Chart paper (optional)	1, 10, SBA 1
Class set	Colored pens or pencils	1, 3, 6, 10, 13, SBA 1
1 or more	Globe, relief style (optional)	2
1	Overhead projector	2, 3, 4, 5, 6, 7, 8, 11, 12
1 or more	Relief map (optional)	2
1	Measuring cup, 500 ml (2 C)	3
Several sheets per group	Newspaper	3, 7, 8
1–2 rolls	Paper towels	3, 6, 9, 12
1 box	Plastic bags, medium resealable	3, 7, 8, 12
5	Plastic bottles, 2 L (64 oz)	3
1 per group	Rulers, 30 cm (12 in)	3, 8
1 bag	Sand	3, 4, 6, 7, 8, 12
1 per group	Scissors	3, 7, 12
Several sets of 2 per class	Slope supplies	3, 4
Various amounts	Water	3, 5, 6, 12
5	Water catchers	3
1–2 boxes	Modeling clay	4, 6, 8, 11, 12, SBA 3
500–1000 ml (2–4 C) for 4, 250 ml (1 C) per group for 7, and 500 ml (2 C) per group for 12	Dirt	4, 7, 12
5 sheets of different colors	Construction paper, colored	5
4 sheets per group	Construction paper, dark colored	5
Class set	Safety goggles	5, 7, 8, 9
8	Markers, permanent	5, 6
Variety	Rocks supplied by students	5
1 roll	Masking tape	5
1 piece per pair	Aluminum foil, 8 in × 11 in	6
1	Bowl, medium size	6
1	Cooler (optional)	6
2	Ice cube trays	6
1 per pair	Index cards, 3 in × 5 in	6
8 or more	Trays	6, SBA 1

Slope supplies can be reused in Lesson 6 for the wood blocks.

HIGHLIGHTED ITEMS ARE INCLUDED IN THIS PACKAGE

Quantity	Item	Lesson(s)
1 per pair	Wood block	6
1 per group	Cardboard boxes, approx. 30 cm × 43 cm × 23 cm (12 in × 17 in × 9 in)	7, 12
2 per group, plus 6 extra	Paper bowls, 375 ml (12 oz)	7, 9
1 per group	Plastic cups, 250 ml (8 oz)	7, 8
1 pair	Earmuffs	9
1	Hammer	9
1 per group	Paper cup, 375 ml (12 oz)	9
1 per group, plus 20 extra	Plastic bags, sandwich size, resealable	9
1	Wood, 25 cm (12 in) piece (from a 2 × 4 or 2 × 8)	9
1 pair	Work gloves	9
1 per volunteer	Notepads (optional)	10
1 per volunteer	Pencils (optional)	10
Large assortment	Dish towels	11
Large assortment	Fabric or foam (optional)	11
1 per pair, plus 1 extra	Hard-boiled eggs	11
1 per pair, plus 1 extra	Plastic knives	11
1 per pair	Oranges	11
1	Spoon	11
1–2 boxes	Toothpicks	11
250 ml (1 C) per group	Flour	12
1 bottle	Food coloring, red	12
1	Measuring cup, 250 ml (1 C)	12
1 bag	Rocks (optional)	12
1 or more	Binoculars (optional)	13
1	Compass (optional)	13
1	Map of field trip location (optional)	13
1 per group	Apples (same kind, similar in appearance)	SBA 1
1 sheet per group	Paper	SBA 1
1 sheet per child	Paper, white (optional)	SBA 1
1 or more per group	Pencils	SBA 1
2	Dolls	SBA 3
Class set	Drawing materials	SBA 3
Variety	Fabric	SBA 3
Several bottles	Glue	SBA 3
1 pack	Pipe cleaners	SBA 3
1 pack	Straws	SBA 3
2	Stuffed animals	SBA 3
2	Toy cars	SBA 3
1 pack	Twist-ties	SBA 3
Several spools	Yarn, various colors	SBA 3