

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. For quantities listed as “per track,” “per station,” or “per landing pad,” the amount will vary depending on how you implement the lessons. See the lessons for more information.

Quantity	Item	Lesson(s)
As many as possible	Moveable objects, such as Frisbees™, yo-yos, Slinkys™, springs, etc.	Multiple lessons
5 sheets	Chart paper	1, 5, 7, SBA 1
As many as possible	Magnifying lenses (optional)	1, SBA 1
1	Notepad and pencil	1
1	Paper airplane (optional)	1
1	Paper plate	1
1	Ball, tennis	1
Class set	Drawing materials	2, 11
2	Balls, playground	3, 5, 13
1	Marker	3
2 rolls	Tape, masking	3, 4, 5, 7, 9, 11
Varies (2 per track; 3 per penny launcher if not using boards)	Meter sticks	4, 7, 8, 9
Several	Cardboard tubes	5
Several	Rulers	5, 9
Several strips	Stiff paper or cardboard	5, 6
1 per track or landing pad	Paper cups	7, 8, 12
1 or more	Scale or balance	7, 12, SBA 2
4 per track	Base-10 rods	7
125 mL (1/2 C) per track	Clay, modeling	7
1 per station	Boards, flat and smooth, at least 10 cm (4 in) wide and 1-1.25 m (3-4 ft) long (3 meter sticks or yardsticks can be substituted for each board)	9

Moveable objects include yo-yo, Slinky, spinning top, and pop-up frog toy.

HIGHLIGHTED ITEMS ARE INCLUDED IN THIS PACKAGE

Quantity	Item	Lesson(s)
1 per station	Chairs	9
5 per station	Pennies	9
1 per station	Surfaces with different textures (e.g., aluminum foil, towel, sand, carpeting, wax paper, etc.)	9
1 box	Aluminum foil	10
2	Chairs	10
Several pairs	Oversized socks	10
Several	Plastic bags	10
1	Playground slide	10, 13
Several	Rubber bands	10
As many as possible	Shoes with a variety of soles	10
1	Table	10
Several	Blocks	11
1	Bucket, 4-8 L (1-2 gal)	11
1 pair	Scissors	11
1 per station	Baking pans with high rims, approx. 23 cm x 33 cm (9 in x 12 in)	12
1 sheet per landing pad	Newspaper	12
1.5-2 L (6-8 C) per landing pad	Sand, fine-grained	12
1 package	Paper clips, large (1 cm x 5 cm)	SBA 2
2	Erasers, new and identical	SBA 2
2 per group	Vegetables, small	SBA 2
Class set	Pencils	Multiple lessons