

# 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)
Several	Permanent markers	1, 5
1	Scissors	1, 2
1 roll	Aluminum foil	2
Several small pieces	Carpet	2
Several small pieces	Fur, natural	2
Several	Metal, assortment	2
Several sheets	Newspaper	2
Several small pieces	Nylon fabric	2
1	One-hole punch (optional)	2
Several	Paper plates	2
1 roll	Paper towels	2
Several	Plastic, assortment	2
1 per group	Plastic bags, resealable	2, 6
1 roll	Plastic wrap	2
Several pieces	Styrofoam	2
1 spool	Thread, cotton	2
1-2 sheets	Tissue paper	2
Class set	Colored pencils	4
1 per group	Magnifying lenses (optional)	4
1	Overhead projector	4, 6, 7
1 per group	Bolts or nails, 9-15 cm (3-6 in) long	5
1 roll	Electrical tape	5, 6
1 roll	Masking tape	5
1 or more	Motors from fans, aquarium pumps, or other small appliances (optional)	5
5-10 per group	Paper clips, metal	5
2 per pair	Pencils, red and black	5
1 sheet	Sandpaper	5
4 per group	Conductors (see the Preparation section of Lesson 6 for examples)	6
4 per group	Insulators (see the Preparation section of Lesson 6 for examples)	6