

# 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)
Class set	Colored pencils, crayons, or markers	1, 2, 4, 5
1 per group	Magnets (optional)	1
1 per group	Rocks	1, 2, 3
Several	Rulers, cm	1
1	Teddy bear or other stuffed animal (optional)	1
1	Tray	1
1	Pencil, wood with eraser	2
Several	Objects made of more than one material (eyeglasses, pens, toy metal cars, etc.)	2
1 of each material	Objects made of a single material (cardboard, paper, nylon rope, fabric, plastic, etc.)	2
1	Tea bag with string and paper label, or other object	2
10 pieces	Chart paper	3, 6
Class set	Clipboards	3
1 resealable bagful	Dirt mixed with water	3
1 roll	Duct tape	3
A small amount	Food coloring	3
1 roll	Paper towels	3, 4
1 resealable bagful	Pea gravel, dried beans, or other small solids	3
3 per group, plus 4, plus 1 per child	Plastic bags, resealable, sandwich size	3, 4, 5, 6
1	Poster board	3, 4, 5
Various amounts	Water	3, 4, 5, 6
1 package	Baby wipes (optional)	4
A few	Containers, various shapes (optional)	4
30 ml (1 oz) per group	Corn syrup, honey, or molasses	4
30 ml (1 oz) per group	Dish soap	4
30 ml (1 oz) per group	Milk or orange juice	4
Several sheets	Newspaper	4
5 per group	Plates (paper, foam, or plastic), small	4, 5
1 per group	Crackers	5
1 piece per group	Fabric, such as scarves, rags, wash cloths, or dish towels	5
1 piece per group	Paper	5

Quantity	Item	Lesson(s)
A few	Books or magazines with pictures of materials as solids and liquids (optional)	6
1	Box, small shoebox size	6
1	Freezer	6
1 roll	Masking tape (optional)	6
1	Measuring cup (optional)	6
Several	Permanent markers	6
1 piece per group	Plastic wrap	6
1 per group	Rubber bands	6
1	Thermometer poster (optional)	6

## ExploraGear Items

To help you make advance preparations, this table lists the ExploraGear items for this unit.

Quantity	Item	Lesson(s)
1	Foam cube	1, 2
1	Foam ½ cube	1
1	Foam cylinder	1
1	Foam sphere	1
2	Magnets	1, 2
7	Metal bolts	1, 2, 5
1 package	Modeling clay	1, 5
1	Scale	1, 6
5	Wood blocks, cubes	1, 2, 5
2	Wood blocks, cylinders	1, 5
1	Beaker, 100 ml	4
1	Funnel	4
1	Graduated cylinder, 100 ml	4, 5
50	Plastic cups, transparent, 9 oz	4, 5, 6

For the most recent list of all ExploraGear materials, please visit our web site:

**[www.sciencecompanion.com/explorgear](http://www.sciencecompanion.com/explorgear)**