

# **SCIENCE 8 UNIT E MATERIALS BY LESSON**

## **SECTION E1**

### **Section E1 Introduction**

- ☐ glass cup
- ☐ fridge

### **Lesson E1**

- ☐ heat-proof glass jar (empty)
- ☐ electric kettle
- ☐ water
- ☐ paper bowl (not styrofoam)
- ☐ ice cubes
- ☐ glass mason jar (1 L capacity)
- ☐ gravel (pea-sized),
- ☐ sand
- ☐ modelling clay
- ☐ measuring cup
- ☐ ruler

### **Lesson E2**

- ☐ water
- ☐ salt
- ☐ plastic bottles (2)
- ☐ timer
- ☐ thermometer
- ☐ measuring spoons

### **Lesson E3**

- ☐ large bowl
- ☐ clear plastic film wrap
- ☐ salt
- ☐ water
- ☐ measuring cup
- ☐ measuring spoons
- ☐ masking tape
- ☐ small rocks (1 or 2, 3 cm diameter)
- ☐ plastic cup (that fits inside large bowl)
- ☐ sunny location
- ☐ plastic water bottle (tall, 1.5 L capacity)
- ☐ sharp scissors

- ☐ paper coffee filter
- ☐ cotton balls (large handful)
- ☐ sand
- ☐ rocks (2-4 cm diameter)
- ☐ water pitcher
- ☐ dirt (containing tree needles and twigs)
- ☐ ruler

## **SECTION E2**

### **Lesson E4**

- ☐ deep baking pan (9 x 13 inches)
- ☐ water
- ☐ hairdryer with low and high settings
- ☐ ruler

### **Lesson E5**

- ☐ deep baking pan (9 x 13 inches)
- ☐ sand
- ☐ water
- ☐ short ruler (15 cm length)

### **Lesson E7**

- ☐ paper milk carton (empty and clean, 1 L)
- ☐ sharp scissors
- ☐ water
- ☐ freezer
- ☐ rocks (10, 1–2 cm diameter)
- ☐ sand
- ☐ play dough
- ☐ deep baking pan (9 x 13 inches)
- ☐ mittens or gloves
- ☐ borax (1 tbsp)
- ☐ white glue (Elmer's Glue™, 250 mL)
- ☐ measuring cup
- ☐ measuring spoons
- ☐ plastic cup
- ☐ plastic spoons (2)
- ☐ large aluminum foil pan
- ☐ rubber gloves
- ☐ paper towel
- ☐ ground black pepper
- ☐ book (3 cm thickness)

**Lesson E8**

- ☐ glass jar (1 L capacity or larger)
- ☐ electric kettle
- ☐ water
- ☐ oven mitts
- ☐ matches
- ☐ zipper-seal sandwich bag
- ☐ ice cubes

**SECTION E3****Lesson E11**

- ☐ clear plastic cups or jars (2, the same size)
- ☐ white sand
- ☐ water
- ☐ food colouring
- ☐ measuring cups
- ☐ modelling clay