

SCIENCE 8 UNIT B MATERIALS BY LESSON

Unit Introduction

- ☐ large sheets of paper
- ☐ tape (optional)
- ☐ pencil
- ☐ eraser

SECTION B1

Lesson B1

- ☐ virus template (download and print from lesson)
- ☐ cardstock paper
- ☐ scissors
- ☐ tape
- ☐ drinking straw
- ☐ ruler
- ☐ pipe cleaners (3)

Lesson B2

- ☐ tweezers
- ☐ clothespin
- ☐ spoon
- ☐ glass
- ☐ water
- ☐ dry rice
- ☐ dry popcorn kernels
- ☐ glass marbles

Lesson B3

- ☐ paper
- ☐ water-based ink pad
- ☐ pencil
- ☐ soap
- ☐ sink
- ☐ cooked chicken bones
- ☐ magnifying glass (optional)
- ☐ plate or bowl
- ☐ glass jar with lid

- ☐ white vinegar
- ☐ disposable gloves
- ☐ electric kettle
- ☐ water
- ☐ glass mug
- ☐ gelatin powder
- ☐ corn syrup
- ☐ teaspoon measure
- ☐ cup measure
- ☐ spoon

SECTION B2

Section B2 Introduction

- ☐ sheet of paper
- ☐ scissors
- ☐ ruler
- ☐ pencil

Lesson B4

- ☐ smartphone
- ☐ laser pointer (inexpensive one from the dollar store)
- ☐ small screwdrivers
- ☐ bobby pin
- ☐ hair elastic

Lesson B5

- ☐ Jello™ powder (1 package)
- ☐ water
- ☐ electric kettle
- ☐ bowl
- ☐ spoon
- ☐ fridge
- ☐ small zipper-seal sandwich bag (such as Ziploc™)
- ☐ grape

Lesson B6

- ☐ 2% milk (1 litre)
- ☐ powdered milk (½ cup)

- ☐ live culture plain yogurt (the container will say “active bacteria” on the side)
- ☐ thermometer
- ☐ empty and clean glass jars with lids (3)
- ☐ cooking pot
- ☐ large cooking spoon
- ☐ stove
- ☐ oven mitts
- ☐ large heatproof bowl
- ☐ small insulated cooler box
- ☐ electric kettle
- ☐ tablespoon measure
- ☐ funnel
- ☐ ladle
- ☐ bath towels
- ☐ empty clean pop bottles with lids (2)
- ☐ balloons (2)
- ☐ baking yeast
- ☐ tap water (warm, but not hot)
- ☐ sugar
- ☐ measuring cup
- ☐ measuring spoons

Lesson B8

- ☐ water
- ☐ glasses (2)
- ☐ raw eggs (3)
- ☐ spoon
- ☐ vinegar
- ☐ corn syrup

SECTION B3**Lesson B9**

- ☐ hard-boiled eggs (2)
- ☐ glasses (2)
- ☐ spoon
- ☐ dark-coloured soda pop (1 can, such as Coke™)
- ☐ water
- ☐ slice of bread

- ☐ vinegar
- ☐ scissors
- ☐ potato masher
- ☐ shallow glass pan
- ☐ measuring cup
- ☐ large spoon
- ☐ medium-sized sealing plastic bag (such as Ziploc™)
- ☐ nylon tights
- ☐ large bowl
- ☐ paper towels

Lesson B10

- ☐ empty plastic water or pop bottle (500 mL)
- ☐ sharp scissors
- ☐ straw
- ☐ round balloons (2)
- ☐ duct or packing tape
- ☐ rubber band
- ☐ modelling clay
- ☐ empty juice or milk jug with a lid (4 L or bigger)
- ☐ plastic tubing or hose (1 metre)
- ☐ water
- ☐ glass measuring cup
- ☐ masking tape
- ☐ permanent marker
- ☐ large bowl (7 L capacity or greater)

Lesson B11

- ☐ mini marshmallow
- ☐ toothpick
- ☐ timer
- ☐ identical clear plastic cups (2)
- ☐ large diameter straw
- ☐ small diameter straw
- ☐ sharp knife
- ☐ BBQ lighter
- ☐ modelling clay
- ☐ water
- ☐ food colouring (optional)

- ☐ shallow glass pan
- ☐ duct tape or packing tape
- ☐ newspaper

Lesson B13

- ☐ metal paper clips (2)
- ☐ ruler with millimeter measurements

SECTION B4**Lesson B15**

- ☐ hand cream
- ☐ glitter
- ☐ sink
- ☐ soap
- ☐ plastic cup
- ☐ soda cracker
- ☐ paper towel