

Unit 4: Hot and Cold Temperatures



These “I can” statements will be assessed by the student and the teacher on an on-going basis during the unit.

- Be familiar with the following terms:

- ☐ Boil, burn, cool, cook, hot, melt, warm, freeze

- Practice reading a thermometer.

- Know the following important temperatures:

- ☐ 100° C – boiling point

- ☐ 37° C – normal body temperature

- ☐ 20° C – about room temperature

- ☐ 0° C – freezing

- Be familiar with safety rules for working with heated items around the house. For example:

- ☐ Wear oven mitts when taking food out of the oven

- ☐ Turn pot handles to the inside on the stove.

- ☐ Do not touch the fireplace glass when it is on.

- ☐ Do not play with matches or lighters.

- Be familiar with ways of adjusting the temperature in a building. For example:

- ☐ Turn the thermostat up or down

- ☐ Open or close a window or door

- ☐ Use a fan or electric heater

- Know what type of insulation animals use to be insulated from the cold: wool, hair, fur, blubber, fat, feathers

- Know different ways humans insulate themselves from the cold: shelter, heat source, hat, mitts, boots, coat, snow pant.

Hot & Cold Vocabulary

- ☐ hot
- ☐ cold
- ☐ warm
- ☐ hotter
- ☐ colder
- ☐ warm
- ☐ warmer
- ☐ temperature
- ☐ Celsius
- ☐ Fahrenheit
- ☐ degrees
- ☐ melting
- ☐ cooling
- ☐ burning
- ☐ cooking
- ☐ freezing
- ☐ boiling
- ☐ molecules
- ☐ thermometer



