

## 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:
  - ❖  $100^{\circ} C$  - boiling point
  - ❖  $37^{\circ} C$  - normal body temperature
  - ❖  $20^{\circ} C$  - about room temperature
  - ❖  $0^{\circ} C$  - 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 pants

# Hot & Cold Vocabulary



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

□ thermometer