

# Having Fun with Kindergarten Science

## By Alexis Bennett

### Week 20 – Temperature

#### Objective:

Learn about temperature and thermometers

#### Day 1:

*Supplies needed: thermometer, "Temperature Tracker" worksheet*

- Discuss measuring temperature. Show a thermometer.
- Discuss how to read a thermometer.
- Record the temperature the rest of the week on the worksheet.

#### Day 2:

*Supplies needed: "Hot and Cold" worksheet, crayons, markers, "Temperature Tracker" worksheet*

- Discuss hot and cold.
- Decorate the kids on the worksheet with appropriate clothing for the temperature.
- Record the temperature for the day on the worksheet.

#### Day 3:

*Supplies needed: 3 cups, ice, cold water, room temperature water, hot water, thermometer, "Temperature Tracker" worksheet*

- Reading temperature experiment:
  - Fill one cup with ice and cold water, one with room temperature water, and one with hot water.
  - Using a thermometer, measure the temperature of each cup and record on the worksheet.
  - Discuss which is the hottest and which is the coldest.
  - Record the temperature for the day on the worksheet.

#### Day 4:

*Supplies needed: water, ice cube tray, pan, water, stove, "Boil and Freeze" worksheet, "Temperature Tracker" worksheet*

- Discuss the temperature extremes for freezing and boiling.
- Boil water in a pot and measure the temperature before and after.
- Make ice cubes; measure the temperature before and after.
- Record the temperature for the day on the worksheet.

#### Book Suggestions:

- *Temperature: Heating Up and Cooling Down* – Darlene Stille

# Hot and Cold

Draw clothing on each person according to the temperature.

Hot	Cold

SAMPLE

# Temperature Tracker

Write the temperature for each day.

Monday	Tuesday
° F	° F
Wednesday	Thursday
° F	° F
Friday	
° F	

# Temperature Tracker

Write the temperature for each day.

Monday	Tuesday
°C	°C
Wednesday	Thursday
°C	°C
Friday	
°C	

# Boil and Freeze

Write the temperature before and after each experiment.

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## Boiling Water:

Temperature Before	Temperature After

## Making Ice:

Temperature Before	Temperature After