

**Project FOCUS
Best Lessons
FIRST GRADE**

Title of Lesson: Moving Water

Theme: Earth/Space Science

Unit Number: 2 **Unit Title:** Water, Water, Everywhere

Performance Standard(s) Covered (enter code):

S1CS1

S1E2

Enduring Standards (objectives of activity):

Habits of Mind

- Asks questions
- Uses numbers to quantify
- Works in a group
- Uses tools to measure and view
- Looks at how parts of things are needed
- Describes and compares using physical attributes
- Observes using senses
- Draws and describes observations

Content (key terms and topics covered):

Water cycle

Learning Activity (Description in Steps)

Abstract(limit 100 characters): This demonstration shows the four stages of the water cycle.

Details: Begin the activity by relating the simulated water cycle to the real water cycle. Show the boiling water and steam, and ask the students what the hot plate represents. Explain that it represents the sun heating a body of water, which causes the water to evaporate and turn into steam or water vapor. Show the ice in the metal bowl and explain that this represents a cloud, the source of cool air. Hold the bowl over the boiling water, and watch for drops of water to fall from the bottom of the bowl like rain. Ask the students what the falling drops remind them of.

Materials Needed (Type and Quantity):

Hot plate

Beaker

Large metal bowl

Ice

Notes and Tips (suggested changes, alternative methods, cautions):

Boiling water is a safety hazard, as well as the heating device. Be sure to demonstrate proper safety techniques when handling these items, and warn students that they are hot.

Sources/References:

1) AIMS Education Foundation

2)

3)