

**Project FOCUS  
Best Lessons  
FIRST GRADE**

**Title of Lesson:** The Water Cycle!

**Theme:** Earth/Space Science

**Unit Number:** 1      **Unit Title:** Water, Water, Everywhere

**Performance Standard(s) Covered (enter codes):**

s1cs3

**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):**

Evaporation  
Condensation  
Precipitation  
Solid  
Liquid  
Gas  
Vapor  
Steam  
boiling  
melting

**Learning Activity (Description in Steps)**

**Abstract (limit 100 characters):** This lesson teaches the students about the water cycle.

**Details: 1.** On the smart board, load up the water cycle game (found here:[http://apps.southeastwater.com.au/games/education\\_kidsroom\\_wcactivity.asp](http://apps.southeastwater.com.au/games/education_kidsroom_wcactivity.asp)) This teaches the kids about the different parts of the water cycle

**2.** while the kids are playing the game, pour water into the beaker along with a few droplets of food coloring. Allow the beaker to heat up on the hot plate.

**3.** Gather the students and show them the water that is boiling. Ask them which part of the cycle they are observing.

**4.** To show condensation, place ice into the aluminum container and place the container on top of the beaker. Pick up the container- a cloud should form

**5. To show precipitation, allow the container to sit on top of the beaker for a longer time. The bottom of the container should drip.**

**6. You can recap what the students observed by using the interactive game.**

**Materials Needed (Type and Quantity):**

**Beaker**

**Aluminum container**

**Hot plate**

**food coloring**

**ice**

**water**

**smart board**

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

**I taught this to the entire class at the same time, but it may be easier if you divided the class into small groups and worked with a few kids at a time.**

**Sources/References:**

**1) [http://apps.southeastwater.com.au/games/education\\_kidsroom\\_wcactivity.asp](http://apps.southeastwater.com.au/games/education_kidsroom_wcactivity.asp)**

**2)**

**3)**