



Science Log - 3rd

Topic: Water Cycle

Learning Goals:

- I. Construct and interpret a model of the water cycle

What do you already KNOW about the topic?	What do you WANT to learn about the topic?	What did you LEARN about the topic?

Vocabulary

Water Cycle	A model that illustrates how water is conserved within environments.
Evaporation	When liquid (water) is heated and turns into a gas such as water vapor or steam.
Condensation	When gas (water vapor) is cooled and changed back to a liquid.
Precipitation	Water falls to the ground as a liquid (rain) or a solid (hail, sleet, or snow)

Water Cycle Bag

Supplies: zipper sandwich bag, black permanent marker, water, blue food coloring OR blue food coloring tablet

Directions:

1. Lay your sandwich bag flat. Use your permanent marker to draw a sun and a cloud at the top of your bag and waves/water at the bottom of the bag.
2. Fill a cup with $\frac{1}{4}$ cup of water and add the blue food coloring or tablet (with the table stir until completely dissolved).
3. Pour the blue water into the bag.
4. Tightly seal the sandwich bag.
5. Tape the bag onto a window that gets good sunlight.
6. Observe that bag as the sun heats the water throughout the day.

