

Science Story Adventures



Exploring Water

Learning outcomes

- » Students know water can be a liquid or a solid and can be made to change back and forth from one form to the other. (Kindergarten – physical sciences)
- » Students know both plants and animals need water. (Grade 1 – Life sciences).
- » Water on Earth moves between the oceans and land through the processes of evaporation and condensation. (Grade 5 – earth sciences).

From: *California's Science Content Standards*

Books we read

Water by Frank Asch

The Wonder Thing by Libby Hathorn

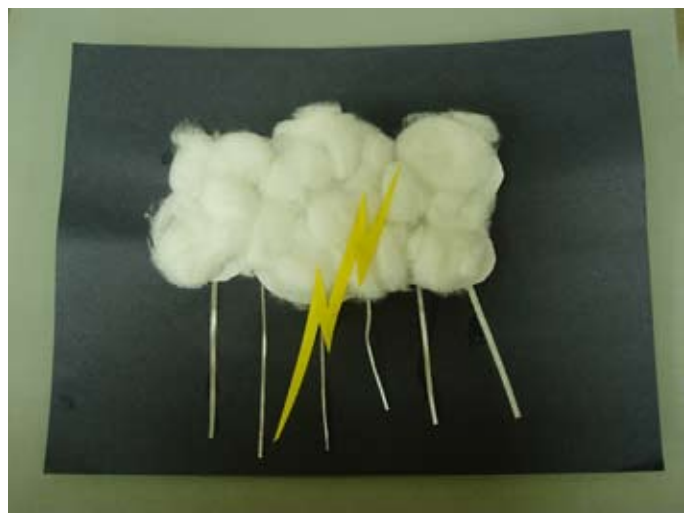
Water by Emily Neye

The Snowflake: A Water Cycle Story by Neil Waldman

Activities we did

- » **Water drops**
from *I Get Wet* by Vicki Cobb
- » **Diffusion of color in water**
from *A Drop of Water: A Book of Science and Wonder* by Walter Wick
- » **Water on waxed paper**
from *I Get Wet* by Vicki Cobb
- » **Capillary action (water climbing up paper)**
from *A Drop of Water: A Book of Science and Wonder* by Walter Wick
- » **Becoming a thunderstorm**
from *Earth Child 2000: Earth Science for Young Children* by Kathryn Sheehan and Mary Waidner.

Today's craft Making a Rain Cloud



You will need:

- » Black construction paper
- » Small pieces of white and yellow paper, scrap is fine
- » Cotton balls
- » Scissors
- » Silver, white or gray ribbon
- » Sticky tape
- » Elmer's glue
- » Pencils

Directions:

1. Draw a cloud shape on the white paper and cut out.
2. Tape lengths of ribbon to the bottom of the cloud – this is the rain.
4. Glue the cloud onto the black paper.
5. Glue cotton balls onto the cloud shape.
6. Cut out lightning and glue onto the picture.

Adapted from thebestkidsbooksite.com

Want to find out more?

Here is a selection of further resources to explore in the Naturalist Center, in the public library or at home. Please ask if you can't find what you're looking for.

Books

Did a Dinosaur Drink This Water? By Robert E. Wells.
Nat. Ctr. Juv. GB662.3 .W44 2006.

Yes it did! Two kids go around the world to find out more about the water cycle.

Water by Jenny Markert. Nat. Ctr. Juv. QC920 .M37 1992
Includes some marvelous photos to illustrate the text.

Water Science by Deborah Seed. Nat. Ctr. Juv. QC920 .S38 1992.

For more water activities and experiments.

Water's Way by Lisa Westberg Peters. Nat. Ctr. Juv.
GB662.3 .P48 1991

Peters uses everyday examples to explain the water cycle.

DVDs

The Magic School Bus Catches a Wave. Nat. Ctr. Media
GB671 .M34 2005.

Ms. Frizzle and the kids explore the water cycle.

Websites

Droplet and the Water Cycle

You can help Droplet go through the water cycle so that he can get back to his home in the clouds.

<http://kids.earth.nasa.gov/droplet.html>

Water Kids

Information and games from the Water Education Foundation

<http://www.watereducation.org/doc.asp?id=1022>

Water Science and Technology for Students

The Environmental Protection Agency site has fun facts, games and projects to help you learn about the water environment.

<http://www.epa.gov/waterscience/learn/kids/>