

Water has Many Looks

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Grades 1-3

Water is unique because it has many forms. Technically it has three forms – liquid as water, solid as ice, and vapor as steam or water vapor. It can also be found in small clusters of ice crystals we call snow. Water vapor is all around us but visible as steam coming off a hot cup of coffee. Water vapor attaches to small bits of dust in the air to form raindrops in warm temperatures. In cold temperatures, it freezes and forms snow or hail.

- Young children can learn by observing and making their own forms of water.
- Show the three forms of water and discuss where they are found.
- Have them cut out paper raindrops out of blue construction paper to show liquid water; cut out white paper clouds to demonstrate water vapor, and have them make a snowflake using the simple instructions by clicking on the word “snowflake”.

To make a hexagonal stellar snowflake:

1. Take a sheet of paper and fold it in half the long way.
2. Fold the two sides (right and left) toward the center so that the edge of the right side lines up with the fold of the left side and the edge of the left side lines up with the fold on right side – the new right edge.
3. Cut straight across from corner on the right side.
4. Cut a “V” or small triangle out of the center of the triangle. Cut triangles or half circles along inside edges of the “V”.
5. Unfold.

Read and discuss Joanna Cole’s [The Magic School Bus: Wet All Over: A Book About the Water Cycle](#)

Read and discuss [The Snowflake – A Water Cycle Story](#) by Neil Waldman.