

**Please use the following resources to learn about the water cycle.**

**Watch this Video:** <https://www.youtube.com/watch?v=al-do-HGulk>

**Answer these questions:**

- Name 1 example of a water store?
- Name 2 different ways that water moves from one phase to another in the water cycle?
- Name 3 states (gas, liquid, solid) water exists in, in the water cycle and where you may see them?

**Activities:**

- I. Explore all of the parts of the water cycle with the U.S. Geological Survey's interactive water cycle diagram <https://water.usgs.gov/edu/watercycle-kids-adv.html> .
- II. Follow these directions to build a mini Earth biome.

You will need:

<ul style="list-style-type: none"> <li>● Plastic food container with a clear top</li> <li>● Small plastic bowl</li> </ul>	<ul style="list-style-type: none"> <li>● Rocks, dirt, and leaves</li> <li>● Bright, warm lamp or space near a sunny window</li> </ul>
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1. Collect dirt, rocks, and leaves to cover the bottom of your container for your mini Earth.
2. Fill the small plastic bowl with water and nestle it into your container with the dirt, rocks, and leaves. Be careful not to get the dirt or leaves in the water.
3. Close the lid and place your biome in a bright, warm place either in the sun or by a lamp.
4. After 1-2 hours, observe any changes. Check again tomorrow. What happened to the water?



## **Make observations & use Claims, Evidence, and Reasoning!**

1. **Claim:** Water sometimes changes states as it moves to different places.

- **Evidence:**

- **Reasoning:**

2. **Claim:** The water on Earth never leaves.

- **Evidence:**

- **Reasoning:**