

The Amazing Journey of a Water Molecule

Name: _____

Date: _____

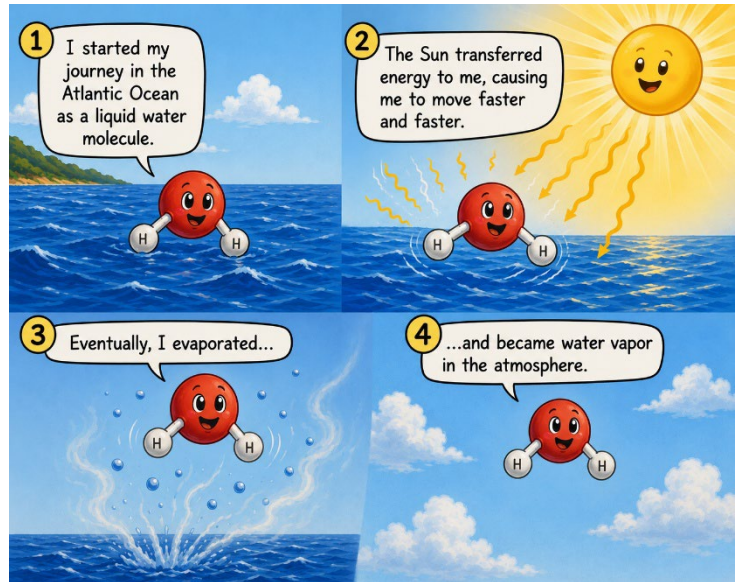
Research Question: How does a water molecule move around Earth?

Background:

Water is constantly moving through our planet. A single water molecule may spend time in oceans, lakes, rivers, clouds, glaciers, plants, animals, soil, or underground. As water moves, it sometimes changes state from solid (ice) to liquid (water) or gas (water vapor). These changes happen because water molecules gain or lose energy.

Procedure:

Imagine that you are a single water molecule. Create a comic strip or illustrated story that tells the story of your journey through Earth. Write in first person as if you are the water molecule.



Requirements:

Your journey must:

- Include at least 8 different locations
- Include at least 4 changes or movements caused by energy
- Include pictures and labels
- Use accurate science
- Be colorful and neat

Possible locations include:

- Ocean
- Lake
- River
- Cloud
- Glacier
- Groundwater
- Soil
- Plant
- Animal
- Atmosphere
- Snow
- Pond
- Cave
- Waterfall
- Iceberg

You may use additional locations if you wish.