

Year 7 ASSESSMENT 1– The Water Cycle

L4 - Nature of Science: Understanding about science - Appreciate that science is a way of explaining the world and that science knowledge changes over time. Identify ways in which scientists work together and provide evidence to support their ideas. Investigating in science - Build on prior experiences, working together to share and examine their own and others' knowledge. - Ask questions, find evidence, explore simple models, and carry out appropriate investigations to develop simple explanations.

L4 - Planet Earth and Beyond - Earth systems - Develop an understanding that water, air, rocks and soil, and life forms make up our planet and recognise that these are also Earth's resources. - Interacting systems - Investigate the water cycle and its effect on climate, landforms, and life.

L4 Investigating in science: Build on prior experiences, working together to share and examine their own and others' Ask questions, find evidence, explore simple models, and carry out appropriate investigations to develop simple explanations.

Students will describe the movement of a water drop through the water cycle. The drop may begin anywhere in the cycle and must go through at least TWO phase changes, (ie liquid

to gas and back to liquid or solid).

You must also include how gravity and the sun's radiation drives the cycle.

You have 3 options for this assessment:

1. You may make a comic strip with a molecule of water as the main character.

a) The comic must include text that explains what is happening in each frame.

b) The text can be dialogue “Spoken” by the drop, or written as captions at the bottom of the frames.

2. You may make a mini poster with a diagram of the water cycle.

a) The diagram should not look like the one we have used in class. It should have the drop moving from one step to the other.

b) Each step in the cycle needs to have text that describes what is happening to the drop.

This text can be “spoken” by the drop, or written as a caption near the drop.

3, You may make a short video that explains the whole water cycle as above

