

Activity #1: Water Cycle/Unit #1

Imagine that you are a raindrop. You either currently live in a river or the ocean, or you are sitting on a leaf. **Describe** the process that you go through as you travel through the water cycle. Make sure that you speak in the first person and that you use all of the following vocabulary words: evaporation, transpiration, condensation, precipitation, ground water, surface run-off and atmosphere.

Activity #2: Water Cycle/Unit #1

Imagine that you are a raindrop. You either currently live in a river, the ocean, or you are sitting on a leaf. **Draw** the process that you will go through as you travel through the water cycle. Make sure that you speak in the first person and that you use all of the following vocabulary words: evaporation, transpiration, condensation, precipitation, ground water, surface run-off and atmosphere.

Activity #3: Water Cycle/Unit #1

Divide the class into groups. Hand out water cycle cards and have students work together as a team to describe all the parts of the water cycle. Assign one student in each group to be a drop of water (H₂O) and have them act out the process with the other team members helping along the way.

Life of a Rain Drop in the Water Cycle Activity

<http://ga.water.usgs.gov/edu/followadrip.html>

Water Cycle Aerobics

“Aqua Words” & “How Wet is our Planet”- Project Wild

<http://www.kidzone.ws/WATER/> (Simple version of Water Cycle and some Printable Worksheets)

http://www.epa.gov/safewater/kids/pdfs/activity_grades_4-8_wordscramble.pdf (Word Scramble from EPA Website)

molecule

Basic building block of matter that is made up of more than one atom

sleet

Form of precipitation that starts as rain and then drops directly through colder air beneath the rain clouds and freezes before it hits the Earth

Surface run-off

Precipitation in liquid form that moves so rapidly that it runs off of the surface that it originally dropped onto before it can soak into the soil

Ground water

Supply of fresh water found under the Earth's surface

atom

Basic building block of all matter composed of one element

evaporation

The process where liquid is changed into a gas through increased energy

transpiration

The process by which water is evaporated from the foliage of plants

condensation

The process where gas is converted back into liquid form in the atmosphere

precipitation

When water droplets in the atmosphere become too heavy and drop back to the Earth

hail

Form of precipitation that is formed during strong thunderstorms and starts as a rain drop but is blown back up into the tops of the clouds to be frozen over and over again before it drops to Earth