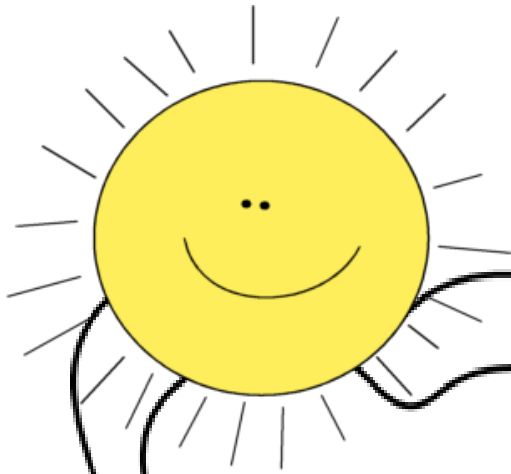
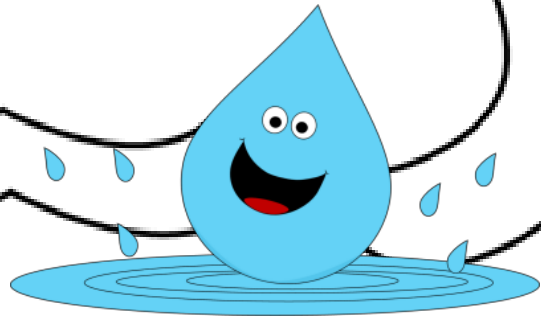


Created in the Science School Yard



My Water Cycle Packet

By _____



Water Cycle Poster Project

You have been learning about the water cycle. The water cycle is continually changing from liquid water to water vapor to ice. One way to think about the water cycle is to follow a drop of water around as it moves on its way through the cycle. You will be creating a poster that shows the water cycle through the eyes of a water molecule. Below is the information that we have learned so far. Use the check off list to help you create your poster.

Water can be stored in different ways. We learned that water can be stored in:

Surface water (lakes, rivers, streams...) - 97% is stored in oceans.

Atmosphere (clouds, fog, humidity, etc.)

Precipitation (rain, snow, sleet, hail, and ice)

Glaciers – These giant, slowly moving ice sheets form from snow that compacts

About 75% of the Earth's fresh water is stored as glaciers (most in the north and south poles)

Groundwater

Living organisms – Our body is made up of around 70% water

Water can travel in many different ways. It can:

Evaporate – from surface water into the atmosphere

Condense – from the atmosphere into precipitation

Melt – from precipitation as snow to surface water or from glaciers to surface water

Freeze – from precipitation as snow or sleet

Percolate – from surface water to groundwater cycled over again

Transpire – from living organisms such as plants into the atmosphere

Drink – from surface water or groundwater to living organisms

Excrete – from living organisms to surface or groundwater

What you will need to show on your poster:

- accumulation
- Evaporation
- Condensation
- Precipitation
- Run off
- Ground water
- Transpiration
- Illustrations of each vocabulary word
- Definition/explanation of each word
- Color, labels, arrows to show cycle directions, symbols/pictures
- Title and your name



Water Cycle Poster Rubric

Topics	Advanced	Proficient	Basic	Minimal
Poster Design	All requirements: labels, overview of the water cycle, definitions of each word, arrows, and title is included. Well organized and stimulating	A detailed poster of the water cycle is created, engaging, but not stimulating, lacking a key component	An incomplete design with some science concepts is created.	Not completed
Science vocabulary	All 7 key vocabulary words/concepts were used to describe project	6 vocabulary words/ concepts were used to describe project	5 vocabulary words/concepts were used to describe project	Fewer than 5 vocabulary words were used
Effort	The poster is neatly completed, with color, defined sections, headings, finished product on time	Good effort, but lacking an element of poster design	Attempt made, but lacking more than one element of design	No attempt was made to finish project

Check Off List:

- Accumulation
- Evaporation
- Condensation
- Precipitation
- Run off
- Ground water
- Transpiration
- Illustrations of each vocabulary word
- Definition/explanation of each word
- Color, labels, arrows to show cycle directions, symbols/pictures
- Title and your name



Accumulation

Evaporation

Condensation

Precipitation

Run Off

Ground Water

Transpiration

Ground Water

Accumulation

Condensation

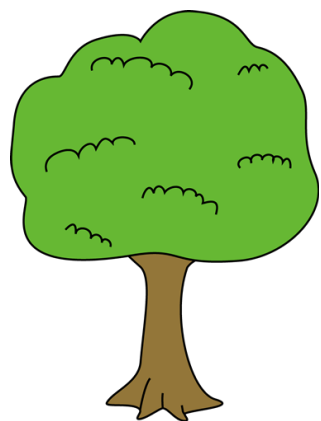
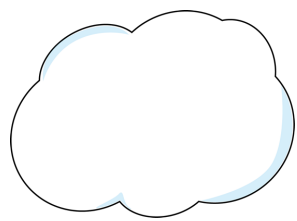
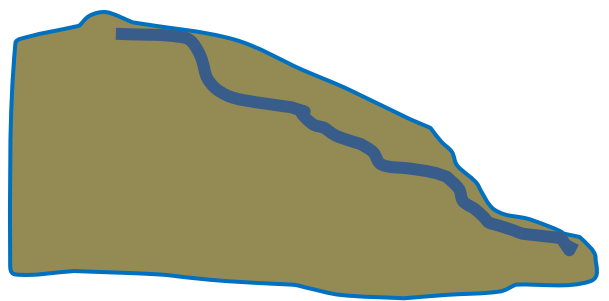
Run Off

Evaporation

Precipitation

Transpiration

The Water Cycle





Thanks so much for the purchase of this pack. I hope you enjoy it. Please check out my blog for more great ideas and freebies at:

<http://scienceschoolyard.blogspot.com/>

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