

Science Study Guide: Water Cycle, Weather, Climate

Review Notebook page: _____

What is the water cycle?	The never ending path water takes between Earth and the atmosphere.
What is precipitation?	Water in the atmosphere that falls to earth.
What are 4 forms of precipitation?	Rain, Snow, Sleet, Hail
What is evaporation?	To change from a liquid to a gas by applying heat. Ex: A puddle disappearing
What causes water to evaporate?	The <u>sun</u> causes water to evaporate.
What is condensation?	To change from a gas to a liquid. Clouds form during this stage.
What is runoff?	Other precipitation that flows over the land and collects in streams, lakes and oceans.
What is water vapor?	A gas, when liquid water evaporates.
How can water change from a liquid into a solid?	Water changes from a liquid to a solid when it freezes.
What causes ice to change from a solid to a liquid?	When it melts/gets hot.
What causes water to change from a liquid to a gas?	When water evaporates or is heated.
What is weather?	What the air is like outside at a single moment. Weather may change daily.
What is climate?	Pattern of weather in a place over many years (over time).
What are factors that affect climate?	Landforms and oceans
Why would you use a rain gauge?	To measure the amount of rain that has fallen in an area.
Why would you use an anemometer?	To measure the wind speed in an area?