

Condensation and the Water Cycle

READ ALOUD PASSAGE

Condensation is water vapor coming back out of the air as liquid. It helps show that evaporated water went into the air. The water molecules themselves never change. They separate from each other, then come back together.

Adding heat drives water into the air; taking heat away brings it back out. That is why dew and frost form on cold ground. The water cycle is evaporation and condensation on a planetary scale, driven mainly by the sun.

Salt is left behind when ocean water evaporates, so the cycle also supplies almost all of Earth's fresh water.

Activity 1: Word Builder

Answer each question with your own words.

1. List four nouns where you might see condensation.

1. _____

2. _____

3. _____

4. _____

2. List three adjectives that describe dew in the morning.

1. _____

2. _____

3. _____

4. _____

Activity 2: Sentence Scramble

These words are mixed up. Put them in order to make a sentence. Start with a capital letter and end with a period.

1. water / molecules / never / themselves / the / change

Activity 3: Finish with a Joining Word

Finish each sentence. The word in bold tells you what kind of idea to add.

1. **When** _____, drops form on the outside of the glass.

2. **Because** _____, frost covered the ground.

3. **Although** _____, the salt stays behind.

Activity 4: Two Into One

Put the two short sentences together into one smooth sentence. If there is a word in the box, use it.

1. Water vapor cools.

when

It turns back into liquid.

2. The sun drives the water cycle.

because

It heats the oceans.
