

1 a t m o s p h e r e



## Let's Map It!

Fill in the blanks. Use the following words.

carbon dioxide      clouds      condenses  
continuous      evaporate      gases      nitrogen  
oxygen      precipitation      water vapour

**continuous**  
The water cycle is the \_\_\_\_\_ movement of water from the Earth's surface to the sky, and back to the Earth's surface.

As more water droplets come together, **clouds** \_\_\_\_\_ are formed.

As the water vapour cools, it **condenses** to form tiny water droplets.

**precipitation** \_\_\_\_\_ happens when water falls from the sky in the form of rain, snow or hail.

Water from the ground and water bodies **evaporate** to become **water vapour** and rises into the sky.

Atmosphere is the layer of **gases** surrounding the Earth.

**oxygen**

**nitrogen**

**carbon dioxide**

## Let's Review

I Three students are having a discussion about the atmosphere.



John

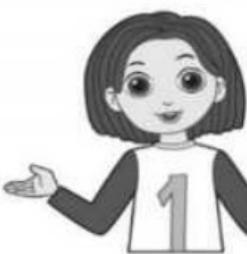
Nitrogen is found in the largest amount in our atmosphere.

There is a very small amount of water vapour in our atmosphere.



Activate

Omar



Sue

The amounts of oxygen and carbon dioxide in the atmosphere are equal.

Only two students are correct.  
Circle the names of the students who are correct.



John

Omar

Sue

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2 What are the main processes involved in the water cycle?  
Circle the **three** correct answers.

boiling

condensation

evaporation

freezing

precipitation

3 Yan's teacher set up an experiment to model the water cycle.



Act

A few minutes after the gas burner was turned on to heat the water, it started to 'rain'. Water droplets were found falling from the bottom of the watch glass.

a Fill in the blanks to explain how that happened.

**evaporated**

The water gained heat and \_\_\_\_\_ to become

water vapour. Upon touching the cool surface of the watch glass, the water vapour **condensed** to form tiny water droplets.

When many water droplets came together, they fell back into the beaker, just like the **rain** that falls onto the Earth.

b Yan said that there is a part of the set up that represents the Sun. Which part represents the Sun?

**gas burner**