

Name _____

Science

The Water Cycle and Seasons

The Water Cycle

What are clouds?

1) There are different kinds of _____ that form in the air.

2) Clouds are made of _____.

***** cloud – a collection of tiny water drops or ice crystals in the air**



3) _____ - very high, thin, wispy, white clouds seen in fair weather



4) _____ - white, puffy clouds with flat bottoms seen in fair weather



5) _____ - low, flat, gray or white clouds that blanket the sky and may bring light rain or snow



6) _____ - big, dark clouds that bring thunderstorms

What is the water cycle?

When water moves from _____ into the _____ and back again, it is called the _____.

***** water cycle – the way water continuously moves between Earth’s surface and the atmosphere**

The Main Steps to the Water Cycle

1) The Sun’s energy causes the _____ of water.

a. The Sun’s energy does this by _____ the water.

2) When water evaporates, it changes from a _____ to a _____.

a. The water changes into a gas called _____.

***** evaporation – the changing of a liquid to a gas**

***** water vapor – water in the form of a gas**

3) The water vapor in the air _____ and _____.

4) This cooling causes the water vapor to _____.

5) When it condenses, it changes from a _____ to a _____.

***** condensation – the changing of a gas to a liquid**

6) The water droplets collect and form _____.

7) As more droplets collect, the clouds become _____ with droplets.

8) The water falls back to Earth as _____.

9) _____ helps determine what kind of precipitation will fall to Earth.

10) The four main types of precipitation are:

- a. _____ - falling drops of water
- b. _____ - falls when the air temperature stays below freezing
- c. _____ - liquid water that freezes as it falls
- d. _____ - lumps of ice that form when drops of rain freeze and strong wind carries them higher into a cloud

***** precipitation - water that falls to the ground from the atmosphere**

11) The precipitation collects or accumulates in _____ or soaks into the ground.

***** accumulation - the process of water collecting in rivers, lakes, streams, oceans, and other bodies of water**

12) The bodies of water are heated by the Sun and the cycle _____.

The Seasons

What causes the seasons?

1. Earth has an _____, which is an invisible rod that goes through the center.
2. The axis is _____, which means that it leans to one side.
3. Earth _____ around the sun.
4. Revolves means _____.
5. As Earth revolves around the sun, the half that is tilted _____ the sun has _____. This causes that part to have _____ weather. It is the season of



6. As Earth continues its path around the sun, this half goes through the season of



7. When this half tilts _____ the sun, it has _____ weather because it gets _____. It is the season of _____.



8. Earth continues on its path around the sun, it will have _____



before it gets back to summer.

The main thing that causes the seasons is the _____ of the Earth.