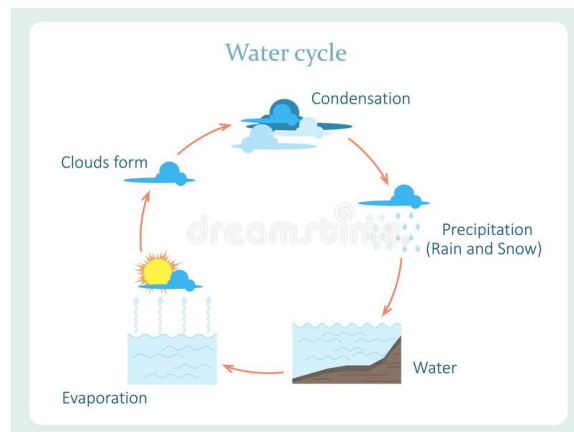


ACTIVITY ONE: (The Water Cycle)

1. Answer the following questions about the water cycle.
 - a) Where does the heat come from to make water evaporate from rivers, lakes and oceans? **The Sun**
2. Look at the diagram below and explain what change of state happens during each stage in the water cycle.
 - a) Evaporation- **Liquid to Gas**
 - b) Condensation – **Gas to liquid**
 - c) Freezing – **Liquid to solid**
 - d) Melting – **Solid to Liquid**



3. Where does the evaporated water go? **Into the atmosphere to help form clouds**
4. What happens to water vapour when it condenses? **It condenses to liquid (or solid) and returns to the earth as precipitation.(rain, hail, snow)**
5. How does the water that evaporated get back to Earth in the water cycle? **It falls as precipitation(rain ,hail, snow)**
6. Complete the following sentences about the water cycle. Use the words in the word box to help you.

water vapour hail condenses evaporates snow clouds rain
--

- a) Water on the Earth's surface **evaporates** and moves up in the air as water **vapour**.
- b) The water vapour cools and **condenses** as it rises into the air.
- c) Drops of water high in the air form **clouds**.
- d) Drops of water fall to the Earth as **rain**.
- e) Water in clouds freezes and falls to the earth as **hail** or **snow**.
- f) Rain, snow and hail bring **water** back to the earth's surface.

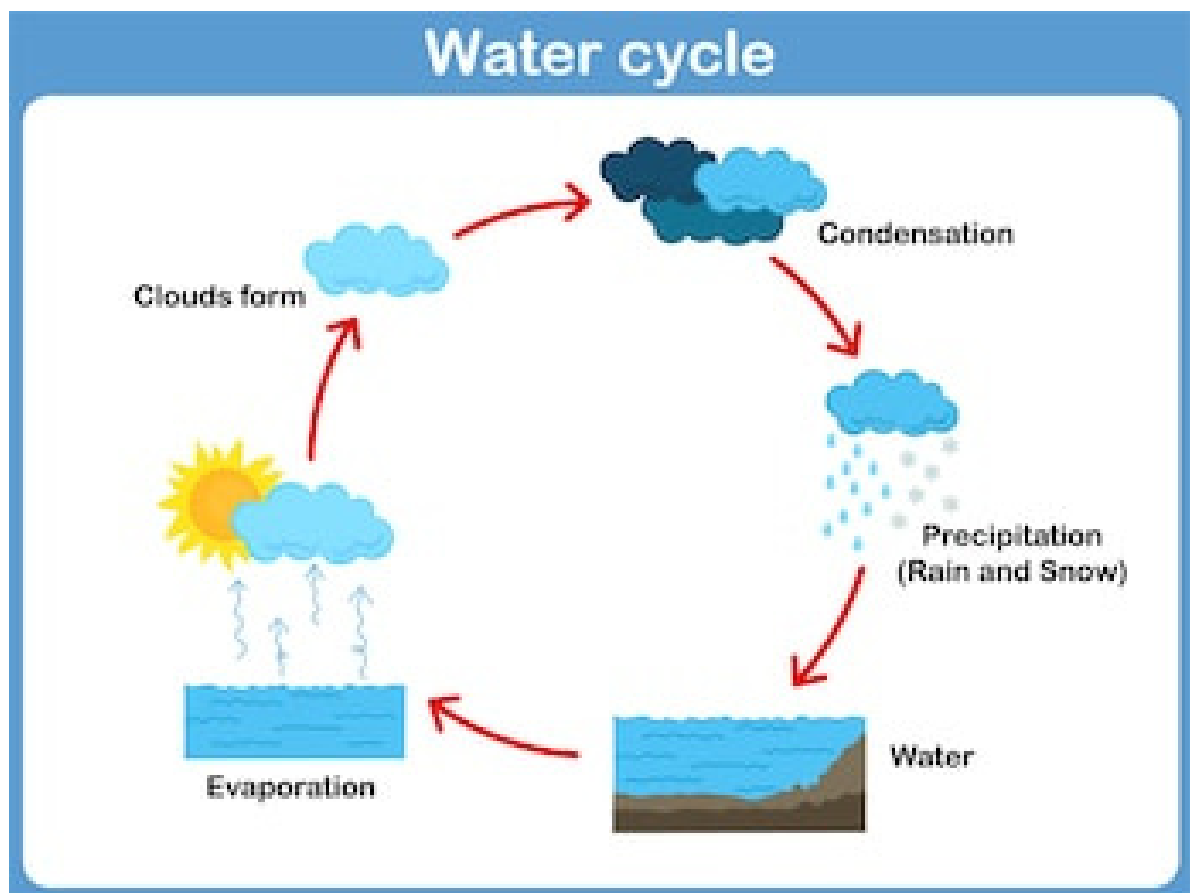
THE WATER CYCLE

Flow charts show us a process. They are a good way to show something in a picture form.

Draw your own flow chart below and use it to explain the water cycle. Look at the example on page 37 of your textbook to help you.

***Please make sure that your diagram clearly shows the following:**

Evaporation ,condensation, precipitation. Please make sure there are arrows in place showing that this is a continuous cycle.



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Unit 3:

Mary the Mother of Jesus



Someone who really listened to God's word was a young Jewish girl named Mary. She was a descendant of King David and tried to keep God's laws and covenant. She looked forward to God's promise of a king. Read the story of the **Annunciation** (Luke 1: 26 – 38) and answer the questions that follow.

- a) What was the angel's message? **He told Mary that she would give birth to a son and she was to name him Jesus**
- b) Why was Mary frightened? **Seeing an angel was something unusual.**
- c) Why did the angel tell her not to be afraid? **He saw she was afraid.**
- d) Did Mary trust in God? **Yes**
- e) How do you know that God loved Mary very much? **Although she was afraid and unsure she said to the angel that she was the Lord's servant and would do as He said**

The **Hail Mary** is the prayer in which we greet Mary in the words of God's messenger.

Draw a beautiful frame around it.

Hail Mary, full of grace,

The Lord is with you.

Blessed are you among women.

Blessed is the fruit of your womb, Jesus.

Holy Mary, Mother of God,

Pray for us sinners, now and at the hour of our death

Amen.