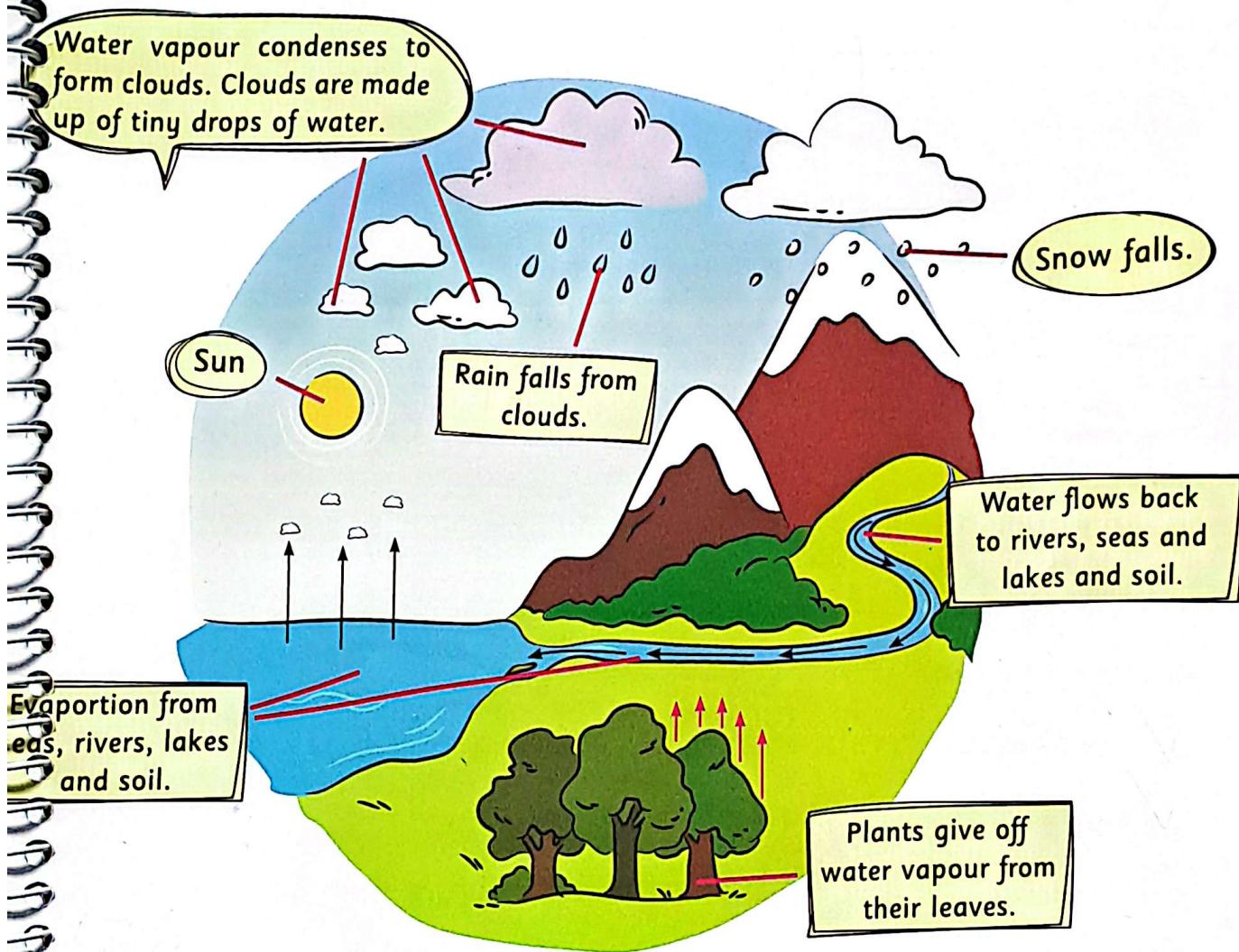


2.1. The water cycle

Explain the water cycle.

Look at the diagram of the water cycle.



The water cycle happens mainly because of evaporation and condensation. Freezing and melting also happen in the water cycle

- The water cycle is the movement of water from the Earth's surface into the air and back again.
- In the water cycle, water evaporates from Earth's surface, condenses to form clouds and falls back to Earth as rain.



2.2. Evaporation

If water is heated up, its particles gain energy. They begin moving faster, which makes them bump into each other and transfer energy.

Eventually some particles will have so much energy that they will break free from the surface of the water.

We say that the particles have **evaporated**.

In the water cycle, water evaporates from the Earth's surface.



Evaporation: True or False

Look at these statements about evaporation. Mark each one as either true (✓) or false (✗).

- Evaporation occurs when a liquid changes to a gas.
- Heat makes evaporation happen faster.
- Particles of a liquid must lose energy before they can evaporate.
- Evaporation makes wet clothes dry.
- Water disappears when it evaporates.