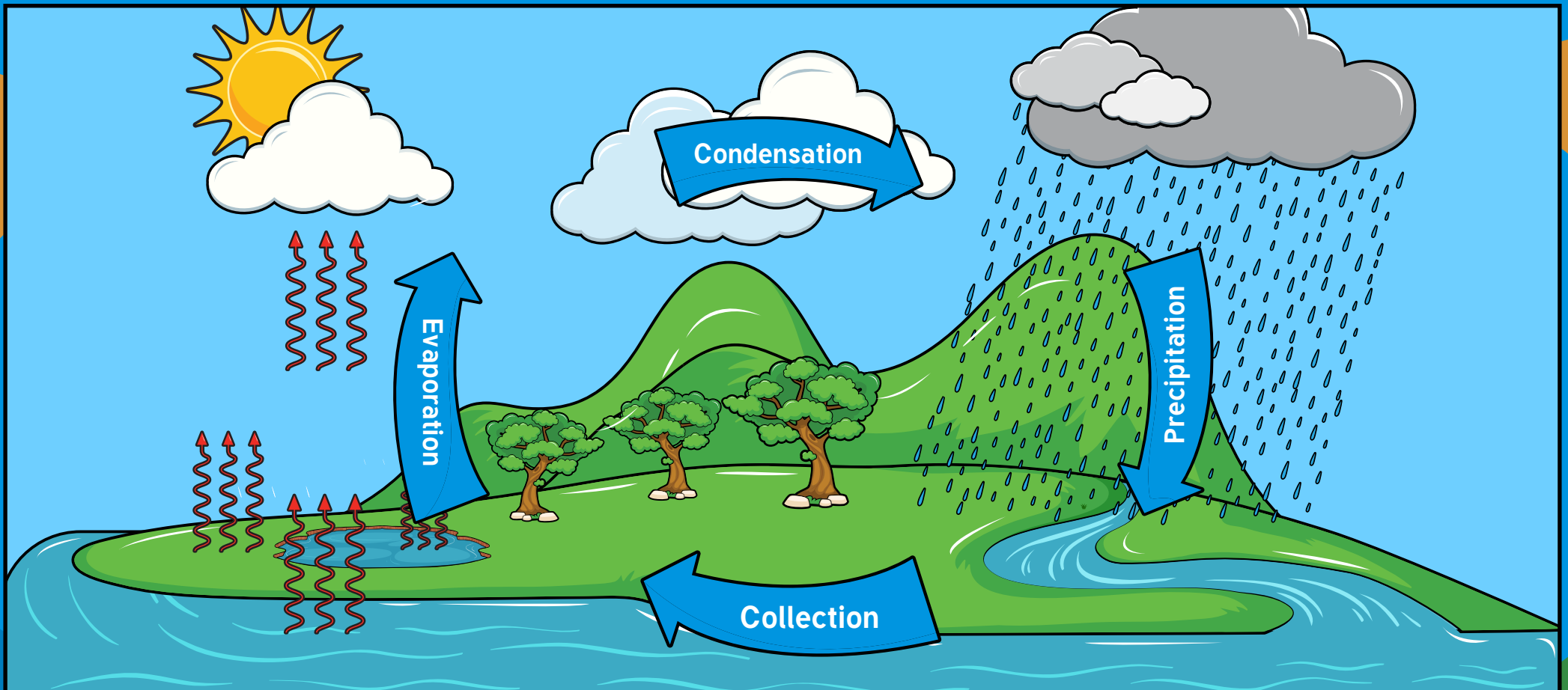


Water Cycle Knowledge Organiser

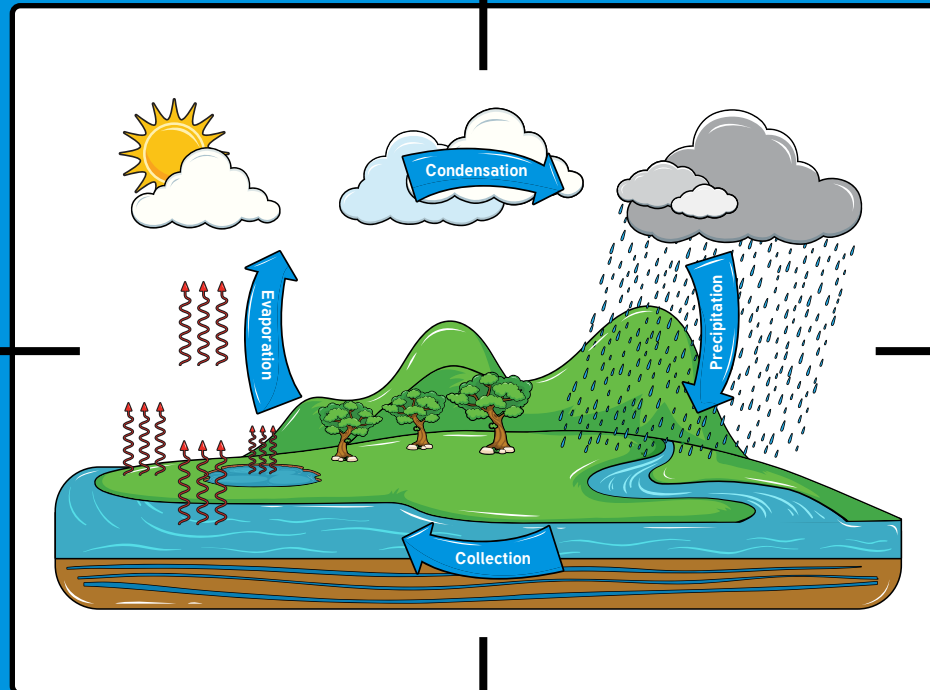
Science

All water on Earth moves continuously and is recycled over and over again! This is called the **water cycle**. The **water cycle** is vital in supporting all life on Earth. Without it, nothing would grow or survive.



Eventually the water vapour condenses into clouds. This means that the particles in the water vapour slow down and cool off, resulting in them becoming water droplets. These water droplets group together to form clouds.

Evaporation is when water in oceans, lakes, or other bodies of water is warmed up by the Sun. Heat causes the water particles to move quickly. They move further apart, until they move so far apart that they become a gas instead of a liquid. The water becomes water vapour.



When enough water droplets group together inside clouds, they become heavy enough to fall towards the Earth. This usually falls as rain, but precipitation can also occur as snow, hail, or sleet depending on the temperature.

Collection (or run off) is when water travels across land. Rain will land on the ground, streets and in oceans, streams and rivers. Eventually it collects in a body of water. After a while, the water is evaporated and the water cycle starts again.