

PROCESS: TRANSPIRATION AND EVAPORATION

EXPERT: ERICA THE ECOLOGIST

Evaporation is the process of turning from liquid into vapour. Evaporation of water happens faster in hot weather. **Ecologists**, who study living organisms in the environment, are important as plants and the water cycle are linked. **Transpiration** occurs when plants take up liquid water from the soil and release water vapour into the air from their leaves.



PROCESS: WATER IN RIVERS, LAKES & PONDS

EXPERT: HECTOR THE HYDROLOGIST

Hydrologists study freshwater. Surface freshwater is any body of water on land that is above ground. It can be found in streams, rivers, lakes, wetlands and reservoirs. Monitoring water quality and flow is important as this water is used to provide drinking water to our homes.



PROCESS: UNDERGROUND WATER

EXPERT: HEIDI THE HYDROGEOLOGIST

Much of the Earth's freshwater is under our feet and is studied by **hydrogeologists**. As surface water filters into the soil and rocks it becomes **groundwater**. Although we can't see this water it is an important store of fresh water. Underground reservoirs of water are called aquifers.



ANSWER THE FOLLOWING QUESTIONS:

The main skills this role requires are:

This role is important because:

The most exciting thing about this role is:
