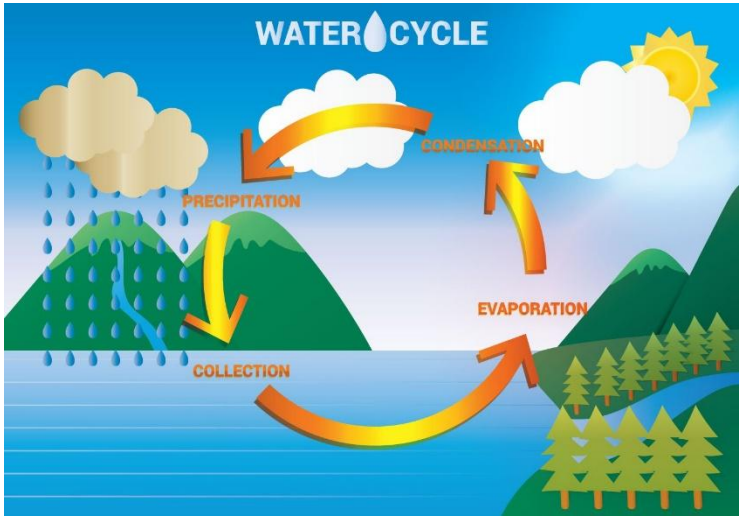
Rabbit Class Term 2

Could we survive without water?

Key Vocabulary	
dam	A barrier that blocks off flowing water.
fertiliser	A substance that helps make plants grow.
particles	Everything is made up of matter. Particles are tiny bits of matter.
pesticides	A substance used to destroy pests such as small animals, insects and weeds.
pollution	Anything that is introduced into a habitat which has a harmful effect on plants and animals living there.
reservoir	A man made lake that is used to store water.
water vapour	Water that is in the form of a gas.



Key Vocabulary

Temperature – how hot or cold something is. Measured in degrees Celsius (ºC).
Particle – a tiny amount of something. You can't see them with your eyes!
Melting – the process of a solid **heating** and changing into a liquid.
Evaporation – the process of a liquid **heating** and changing into a gas.
Condensation – the process of a gas **cooling** and changing into a liquid.
Freezing – the process of a liquid **cooling** and changing into a solid.
Precipitation – When water or snow fall from a cloud

Pollution

- Chemicals – can poison animals.
- Litter – can be ingested by animals or trap them.
- Fertilisers – can cause a lack of oxygen and kill animals.



Reducing Pollution

- Be careful what you throw down the sink or toilet.
- Don't throw litter into lakes, rivers or oceans.
- Use environmentally-friendly household cleaning products.
- Have more plants in the garden to stop contaminated water running into the water supply.
- Don't over use fertilisers or pesticides.

Marine Protection and Conservation Areas

- Just under 25% of the UK coastal waters are protected.
- Over 6,500 species of plants and animals are found here.

Flooding

Fluvial	Pluvial	Coastal	Plumbing
			
Lots of rainfall causing rivers to burst their banks.	Heavy rainfall cannot drain away quickly enough.	High tides and storms.	Broken pipes in buildings.

Flooding can be prevented in some areas by building dams and flood barriers. However, blocking a river at one location can cause flooding further up or downstream.

Treating Water

				
Water is stored in reservoirs to allow solids to settle at the bottom.	Chemicals are added to help remove small particles.	Water passes through gravel and carbon to filter out tiny particles.	Chlorine is added to kill off bacteria.	Water is clean and safe to drink.