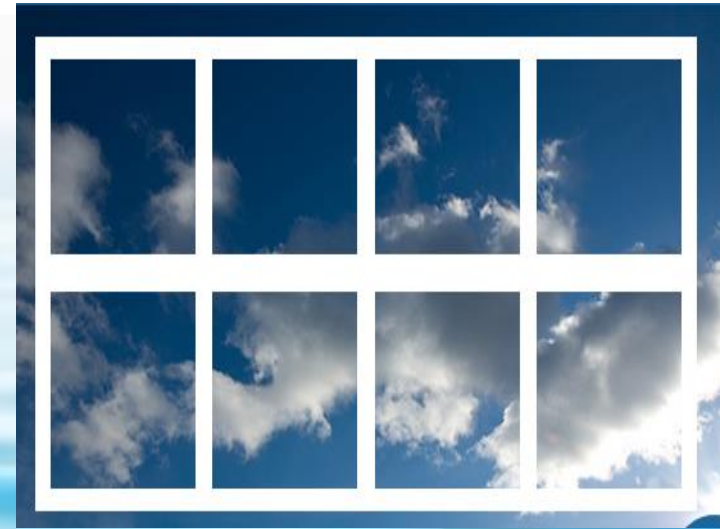


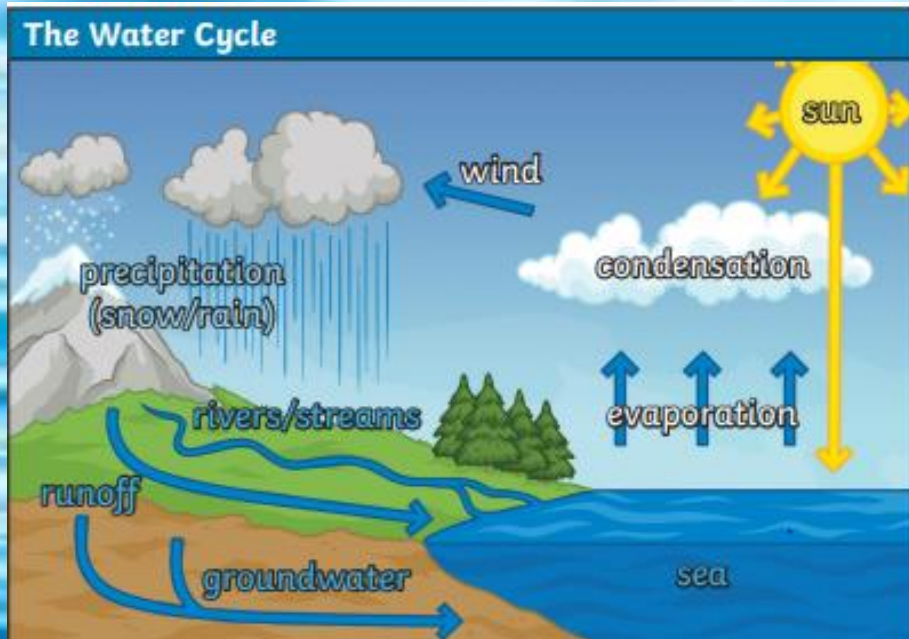


Where Does Our Water Come From?



Clouds form when warm, moist air is cooled. When it is cooled, it condenses into tiny water droplets which appear as clouds.

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.



Heat from the sun evaporates water, which rises, condenses in the cool air and then falls back down to earth.

Names For Clouds

The names for clouds are usually are combinations of the following prefixes or suffixes:

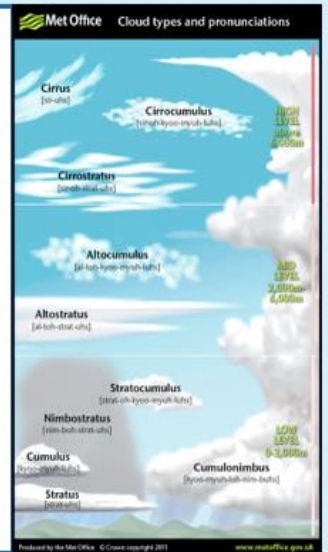
Stratus/strato - flat or layered, smooth




Cumulus/cumulo - heaped up and puffy, like a cauliflower

Cirrus/cirro - high up, wispy





Alto - medium level

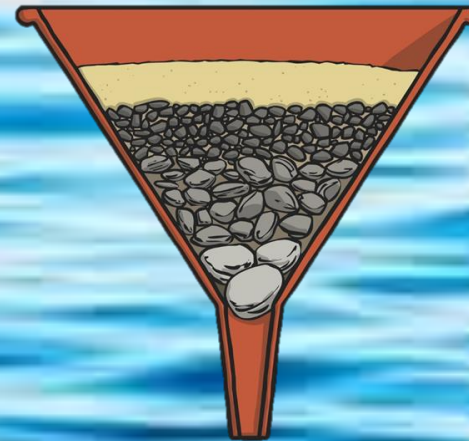
Nimbus/nimbo - rain-bearing




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



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.			



Pollution
<ul style="list-style-type: none"> • 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
<ul style="list-style-type: none"> • 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
<ul style="list-style-type: none"> • Just under 25% of the UK coastal waters are protected. • Over 6,500 species of plants and animals are found here.