

Year 8 – Water Treatment (Making water safe to drink)

Complete the missing spaces to describe the steps in making water safe to drink



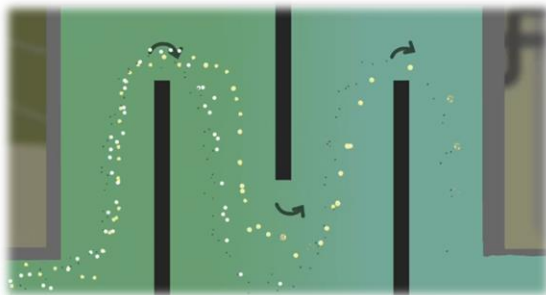
_____ is collected from
_____ water – rivers, reservoirs,
or from groundwater – _____ and
_____.

Aquifers
Surface
Water
Boreholes



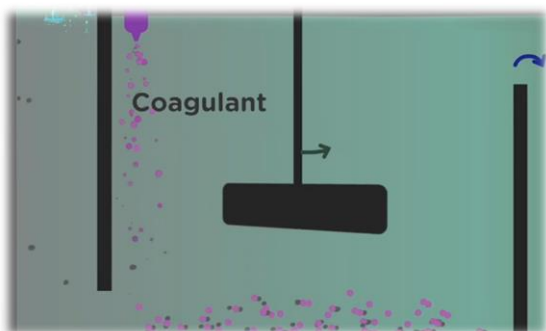
When _____ enters the
treatment works it is passed through
_____ to remove any large
pieces of _____ – like dead fish,
_____ and shells.

Screens
Rubbish
Water
Leaves



Ozone (a poisonous type of
_____) is added to the water to
kill any _____ and other
pathogens. It also helps to break
down anything _____ in the
water – like _____

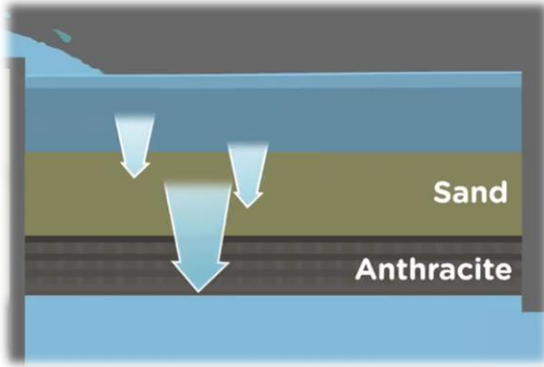
Oxygen
Dissolved
Bacteria
Fertilisers



A chemical called a _____ is
added. This makes all the tiny
particles _____ in the water
_____ together to make larger
_____.

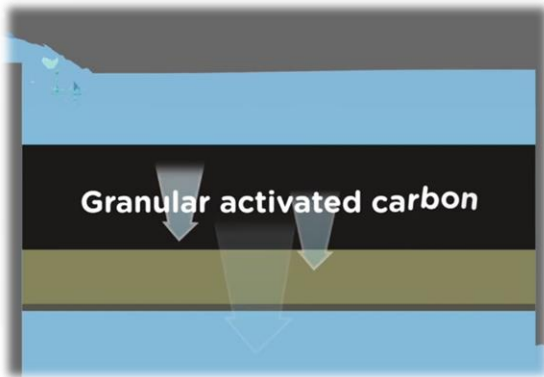
Floating
Coagulant
Lumps
Stick

We'll deal with these next...



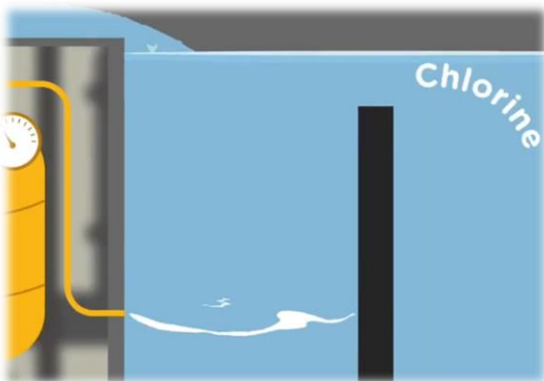
The _____ is passed through a _____ to remove any remaining floating _____. These filters are massive – about the size of a _____!

House
Water
Filter
Particles



The water is passed through a _____ filter – a bit like a big version of a water _____ at home. This removes any _____ or _____ from the water.

Carbon
Taste
Smell
Filter



Finally, a small amount of chlorine is added. _____ is poisonous, so it _____ anything left living in the water that we don't want to _____!

Kills
Chlorine
Drink

Don't worry, there's not enough chlorine in the water to _____ us.

Harm