




# Why does our river flood in the winter (River Trent)?

# Y3/4 Geography

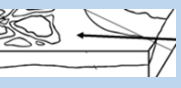
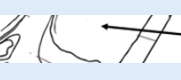
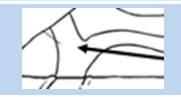



## What is a river?

- ◆ A river is a flowing, moving stream of water.
- ◆ It begins at the **source** (the start point). For example a lake, bog or rainfall.
- ◆ Usually a river feeds water into an ocean, lake, pond, or even another river.
- ◆ Rivers can vary in size.
- ◆ Rivers flow downhill from their source. They never flow in a straight line, the curve is called a **meander**.

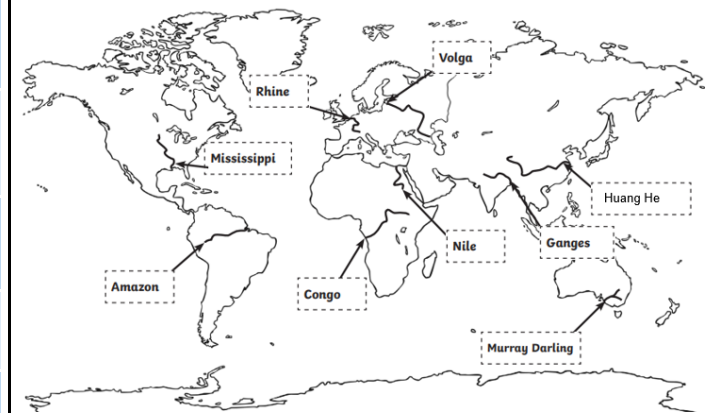
## How does human activity affect rivers?

<b>Pollution</b>		- Acid rain caused by gases in factories fall into rivers. - Use of fertilisation on farms.
<b>Flooding</b>		- Rivers can flood for many reasons including <b>erosion</b> (material cut away from the riverbed or banks). - Dams are built to block the flow of the river.
<b>Exotic species</b>		- Introduced to rivers intentionally (fishing/ food) and unintentionally (flooding).

## What are the features of a river?

	<b>Mouth</b>	Where a river enters the sea.
	<b>Floodplain</b>	An area of low land, next to a river, subject to flooding.
	<b>Confluence</b>	Where two rivers join together.
	<b>Tributary</b>	A small river leading to a bigger river.
	<b>Channel</b>	The course in the ground that a river of water flows through.
	<b>Waterfall</b>	A place in a river where water falls suddenly downwards.

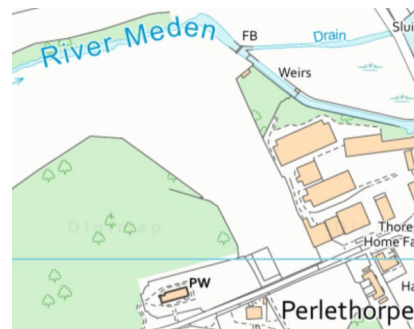
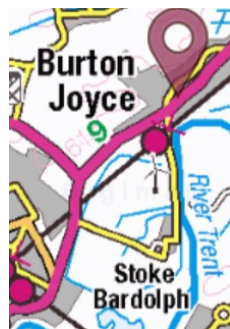
## What are the longest rivers in the world and how are they used?





The river Nile is the longest river in the world. It is used for many things including bathing, drinking and wildlife.

## Fieldwork

Creating a **sketch map**- a simple drawing of a landscape.  
Visiting the river Trent and Perlethorpe: identifying river features, orienteering and river study.



<b>Human feature</b>		- They are <b>built by people</b> . For example: buildings, bridges and roads.
<b>Physical feature</b>		- Are <b>natural features</b> . For example: mountains, rivers and oceans.