

Will I ever see the water I drink again?

Subject Specific Vocabulary

estuary	An estuary is an area where a freshwater river or stream meets the ocean.
deposition	Rocks and sediments eroded from one part of the river are deposited in another part.
ox bow lake	Ox bow lakes are created when the meander is so deep that it cuts off a piece of the river and leaves a lake.
erosion	Erosion occurs when the fastest currents in the river carve into the banks.
tributary	When one stream or river meets another and merge together, the smaller stream or river is known as a tributary.
delta	Deltas are wide areas of water often found at the mouth of large rivers.
deposition	Rocks and sediments eroded from one part of the river are deposited in another part.
precipitation	Precipitation is water released from clouds in the form of rain, freezing rain, sleet, snow, or hail.
condensation	Condensation is the process by which water vapour in the air is changed into liquid water.
evaporation	Evaporation is the process by which water changes from a liquid to a gas or vapour.
transpiration	Transpiration is the process by which moisture is carried through plants from roots to small pores on the underside of leaves, where it changes to vapour and is released to the atmosphere.



Sticky Knowledge

The start of a river is called the source and the end is called the mouth.

A fast flowing river will carry soil and dirt from its banks and bed downstream and drop them when it gets wider and slows down.

Many rivers and streams will join together before they reach the mouth of the river. The smaller rivers and streams are called tributaries.

The water cycle is powered by the sun: heat makes water evaporate before it cools and condenses and falls back to the ground. Water can exist in three forms: liquid (water), solid (ice) or gas (water vapour). Around two thirds of the world's water is in polar ice caps and glaciers.

Exciting Books

The collage includes the following book covers:

- A Drop Around the World** by Richard Stone, illustrated by Michael S. Martini
- Rhythm of Rain** by Peter Brown
- River** by Peter Brown
- Journey to the River Sea** by Eva Ibbotson
- Why Water's Worth It** by Lee DeLeon, illustrated by Lee DeLeon
- The Water Cycle** diagram showing precipitation, condensation, evaporation, and collection.
- A landscape image of a winding river through a lush green forest.