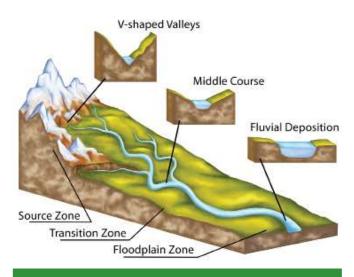
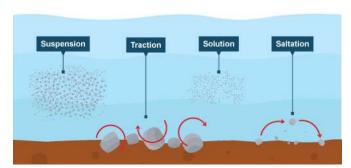
## Knowledge Organiser • Rivers • Year 4

Vocabulary		
River	A flow of fresh water across the land into a lake, sea or ocean.	
Landscape	A part of the Earth's surface.	
Lake	A large area of water, surrounded by land.	
Sea	An area of salt water.	
Ocean	A large area of sea. There are five oceans: Atlantic; Pacific; India; Arctic; Southern.	
Source	The start of a river	
Mouth	The end of a river, where it enters a lake, sea or ocean.	
Erosion	The wearing away of the Earth's surface.	
Transportation	The movement of sediment (material).	
Sediment	Natural material that is carried and deposited by a river.	
Deposition	The dropping of sediment.	
Riverbed	The bottom of the river.	
River banks	The sides of the river.	
Landform	A feature on the Earth's surface that is part of the land.	
Tributary	A smaller river that flows into a larger river.	
Agriculture	Farming (growing crops, such as cereals, fruits and vegetables)	

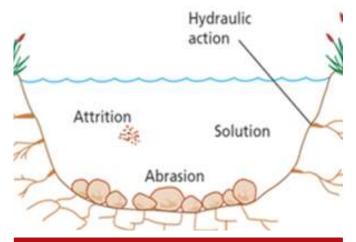


## The River's Course

- 1 Source
- 2 Interlocking spur
- 3 V-shaped valley
- 4 Waterfall
- 5 River channel (widens in middle course)
- 6 Meander (erosion on outside of bend)
- 7 Meander (deposition on inside of bend)
- 8 Oxbow lake
- 9 Rich, fertile land either side of the river
- 10 Mouth



Transportation		
Traction	Tractor wheels: large rocks roll along the riverbed	
Saltation	Jumping beans: pebbles bounce along the riverbed	
Suspension	Hoverboard: small sediment is carried along in the flow of the river	
Solution	Invisible material: the smallest sediment is dissolved into the water	



Erosion		
Abrasion	Sandpapering: rocks wear away each other and the riverbed and banks	
Attrition	Crashing: rocks collide and break up	
Solution	Chemical action: acids in the water dissolve the rock	
Hydraulic action	Water power: the force of the water breaks down the riverbed and banks.	