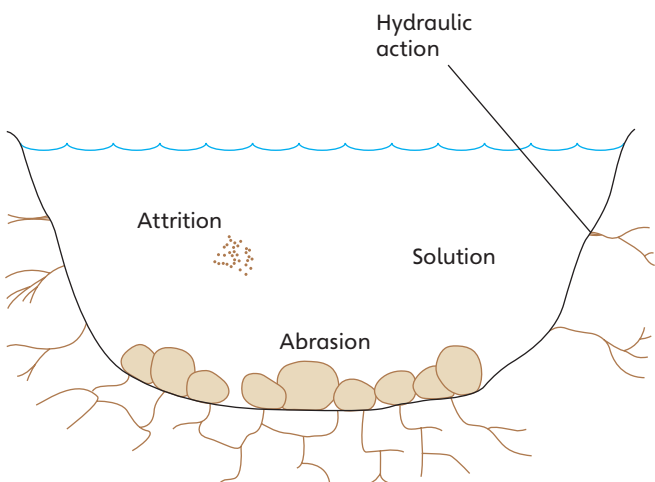


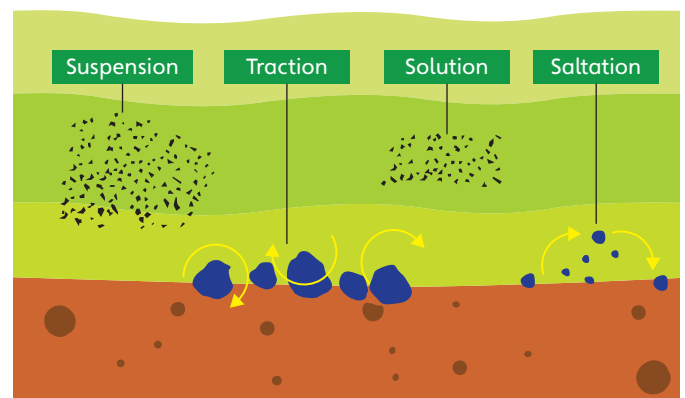
Knowledge organiser

Vocabulary	
channel	Where a river flows
delta	A triangle-shaped area of marshy land found at the mouth of a river
deposition	The process of material being dropped
erosion	The process of land being worn away
mouth	Where a river joins the sea or a lake
pollution	The process of harmful substances being released into the environment
sediment	Bits of soil and rock eroded, transported and deposited by a river
source	Where a river starts
transportation	The process of material being carried
waste water	Water that has been used by people, e.g. for washing clothes

Erosion



Transportation



Types of erosion

Attrition is when bits of rock crash together in the water and break up.

Abrasion is when bits of rock in the water rub against the riverbed and river banks.

Solution is when acids in the water dissolve rock.

Hydraulic action is when the power of the water breaks bits off the riverbed and banks.

Types of transportation

Traction is when large rocks are rolled along the riverbed.

Saltation is where bits of rock bounce and jump along the riverbed.

Suspension is when small particles of sediment are carried along in the flow of the river.

Solution is when the smallest bits of sediment are dissolved into the water and carried along.

Learning review

Lesson	Lesson question	You will learn...	Learning review
1	Where are the major rivers of the world?	<ul style="list-style-type: none"> • What a river is. • What the parts of a river are called. • Where the major rivers of the world are located. 	<hr/> <hr/> <hr/> <hr/>
2	What are erosion, transportation and deposition?	<ul style="list-style-type: none"> • What river erosion is. • What river transportation is. • What river deposition is. 	<hr/> <hr/> <hr/> <hr/>
3	Why is the Volga River important to people?	<ul style="list-style-type: none"> • Where the Volga River is located. • How people use the Volga River. • Why the Volga River is in danger. 	<hr/> <hr/> <hr/> <hr/>
4	Why are rivers important to people?	<ul style="list-style-type: none"> • Why rivers are important to people. • What the most important uses of rivers are. 	<hr/> <hr/> <hr/> <hr/>
5	How do rivers shape the land around them?	<ul style="list-style-type: none"> • How rivers form waterfalls. • How rivers form meanders and oxbow lakes. • What a delta is. 	<hr/> <hr/> <hr/> <hr/>
6	Assessment: Why should we protect rivers from pollution?		<hr/> <hr/> <hr/> <hr/>