

Investigating Rivers : Geography : Year 5/6

	Learning Objective	Overview	Assessment Questions	Resources
Lesson 1	To understand and explain the water cycle.	Children will explore what the water cycle is and why it is important. They will learn to describe each process of the water cycle using appropriate vocabulary. They can then express their understanding of how the water cycle works independently.	<ul style="list-style-type: none"> Do children understand why the water cycle is an important process on our planet? Do children understand the steps involved in the water cycle? Can children explain the water cycle in their own words? 	<ul style="list-style-type: none"> Slides Water Cycle Explanation 1A/1B/1C Explanation Poster Water Cycle Fact Sheet Water Cycle Poster Instructions (for FSD? activity only)
Lesson 2	To find out about rivers and how they erode, transport and deposit materials.	Children will learn how rivers are formed by explaining the processes of erosion and deposition. They will then find out about the journey of a river from source to mouth, and learn about the features of rivers, including deltas, tributaries and meanders.	<ul style="list-style-type: none"> Can children explain what a river is? Do children know some of the features of a river? Can children explain the processes of erosion, transportation and deposition? 	<ul style="list-style-type: none"> Slides Worksheet 2A/2B/2C/2D Fact File Books, internet, etc. on rivers Large sheets of paper (FSD? activity only) Art and craft materials (for FSD? activity only)
Lesson 3	To find out why rivers are important.	Children will find out about some of the human uses for rivers under the headings of water, transport, habitat, energy, farming and leisure. They will be given some brief information for each category before using a variety of sources to find out some more information for themselves.	<ul style="list-style-type: none"> Can children describe some river uses? Can children use secondary sources to find out information? Can children support their points with statistics and specific data? 	<ul style="list-style-type: none"> Slides Worksheet 3A Picture Cards Books, internet, magazines, etc. A4 paper Topic Headings (FSD? activity only) Large sheets of paper (FSD? activity only)
Lesson 4	To find out about the causes of river pollution and the effect it has on the environment.	Children will explore some of the causes of river pollution and the effects this has on the environment. They will find out about some of the most polluted rivers in the world, as well as thinking about river pollution closer to home. They will consider ways in which river pollution can be prevented.	<ul style="list-style-type: none"> Do children understand some of the causes of water pollution? Do children understand the effect water pollution has on the environment? Are children able to think about water pollution on local and global scales? 	<ul style="list-style-type: none"> Slides Worksheet 4A/4B Protective clothing (FSD? activity only) River Pollution Booklet P1/P2/P3/P4 (FSD? activity only)
Lesson 5	To investigate a river in detail including the effects on the environment and landscape.	Children will ask questions they would like to find the answer to about the River Nile. They will consider different ways in which they could find the answers to their questions. They will present what they have found out about the River Nile in a variety of ways.	<ul style="list-style-type: none"> Can children ask geographical questions? Can children use secondary sources of information to find out answers to specific questions? Can children use the internet to help them with a geographical enquiry? 	<ul style="list-style-type: none"> Slides Worksheet 5A/5B/5C Access to internet Question Cards (FSD? activity only) Presentation Instructions (FSD? activity only) Books/Internet access/Maps, etc. (FSD? activity only)
Lesson 6	To be able to conduct a geographical enquiry.	Children will find out how to generate a main question as the focus for a geographical enquiry. Children will then choose their own focus for an enquiry and use a variety of sources of information to carry out research. They will think about the best way of presenting the information they have found out.	<ul style="list-style-type: none"> Can children choose a line of enquiry for an investigation? Can children use secondary sources to find answers to geographical questions? Can children choose a suitable way to present their findings? 	<ul style="list-style-type: none"> Slides River Fact Cards Books, pictures, maps, access to the internet, magazines, etc.