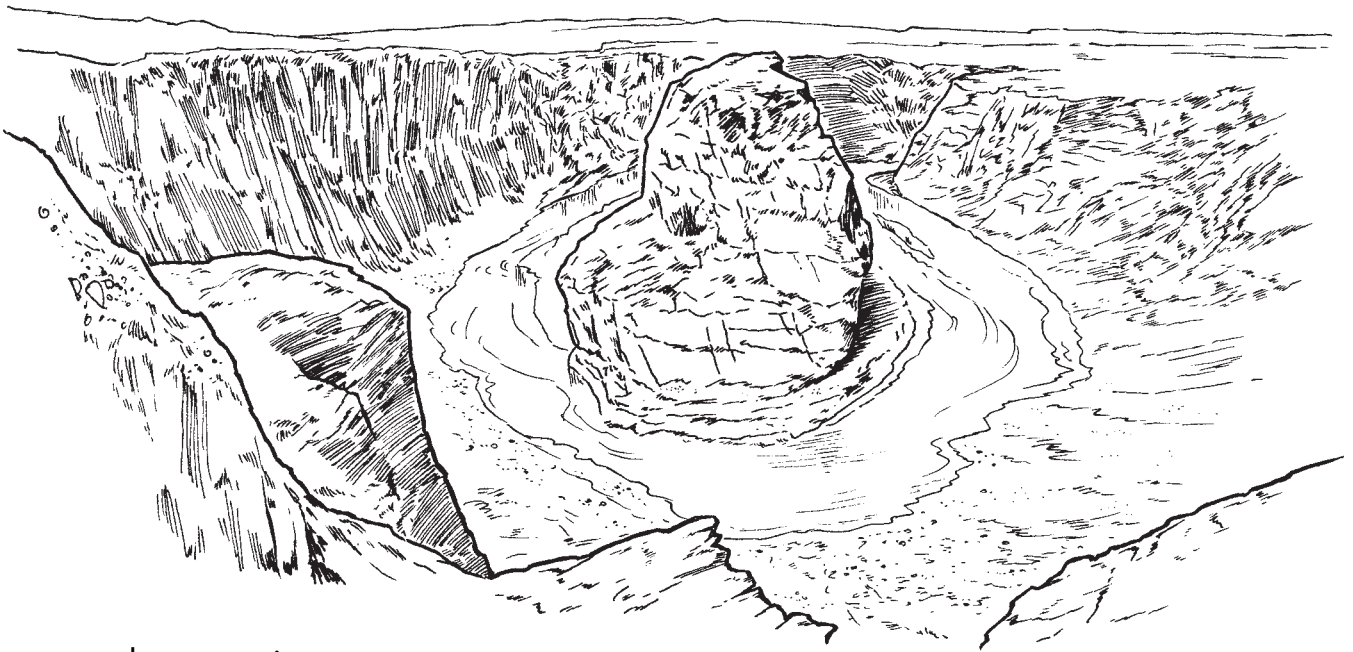


Name: _____

Gorges and canyons

A gorge is a narrow opening between hills. It is caused by a fast-flowing river, gradually cutting through the rocks, over a long time. Most gorges have deep, rocky sides.

A large gorge is a canyon. Canyons are narrow and deep at the bottom but they open out at the top. Probably one of the most famous canyons in the world is the Grand Canyon in Arizona, USA. It was formed by the Colorado River. Over thousands of years, the river has cut down through the rock more than 1500 metres. It has cut down through many different layers of rock. These layers of rock show the history of the Earth's rocks. The oldest rocks are at the bottom of the canyon with the youngest rocks nearer the top.



Answer the questions.

1. Describe a gorge. _____
2. How is a gorge formed? _____
3. What is a canyon? _____
4. Where is the Grand Canyon? _____
5. Which river formed the Grand Canyon? _____
6. In the Grand Canyon, are the rocks at the bottom older or younger than those at the top? _____

Name: _____

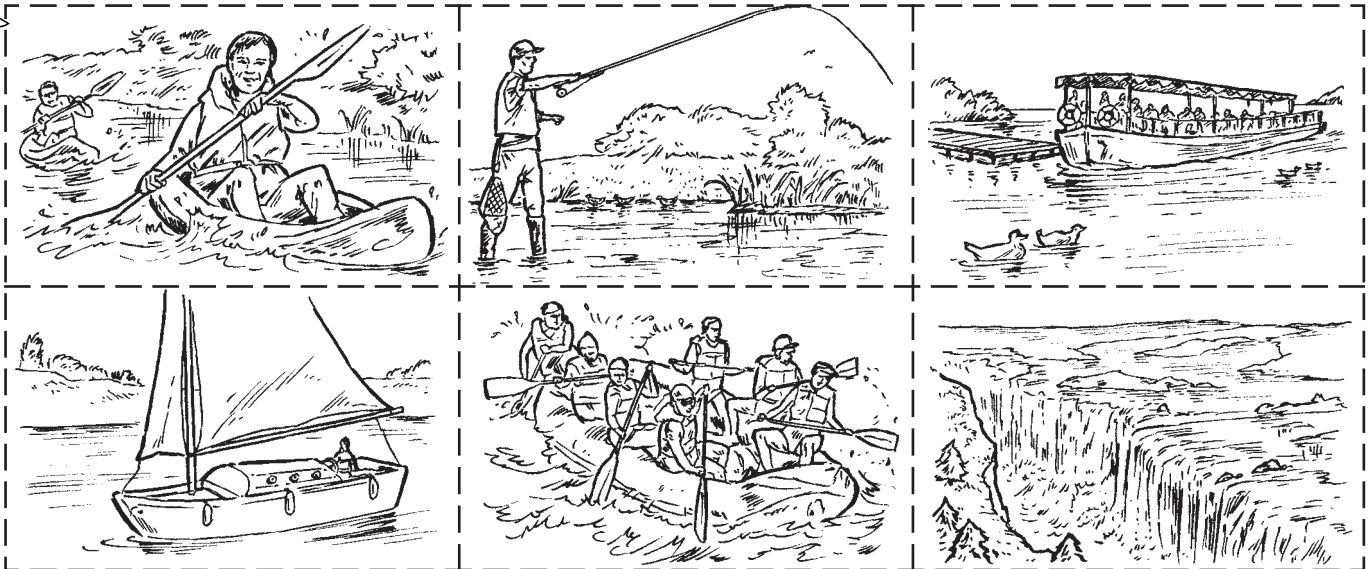
River fun

Rivers can be used for many things. Some people, plants and animals depend on rivers for their survival. But the river can be a fun place, too. Many people enjoy sailing a boat, canoeing or going on a river cruise.

Higher up in the mountains, there may be rapids. Many people like to go white-water rafting which is exciting but can also be dangerous.

Some people like to visit a river to enjoy the beautiful scenery. Some rivers are popular tourist attractions such as the Victoria Falls on the Zambezi river on the Zambia-Zimbabwe border in Africa.

One of the most popular river activities, is fishing. You can catch many different types of fish in a river, including salmon, trout and carp.



Cut, match and paste the right caption to each picture.

Many people like to go canoeing on a river.

You can catch many different types of fish from a river.

The Victoria falls on the Zambezi river is a popular place for tourists to visit.

White-water rafting is an exciting sport.

These boats are powered by the wind. Sailing is a popular sport on some rivers.

Some rivers have special cruises like this. They are popular with tourists.

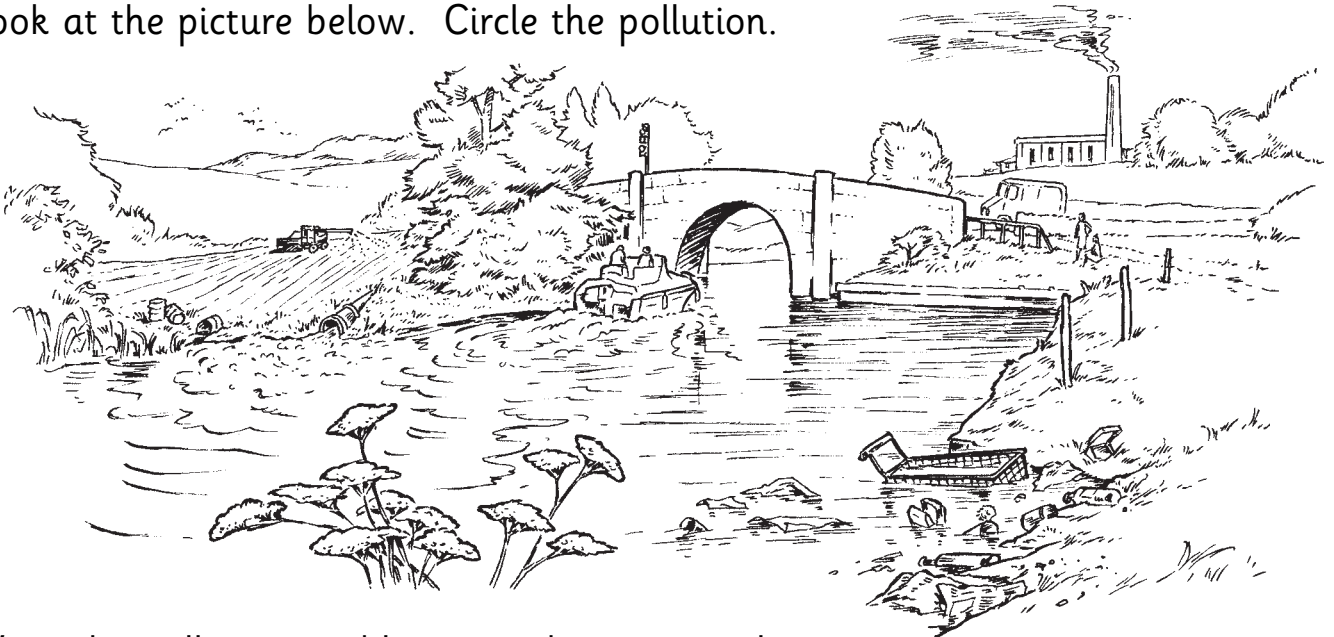
Name: _____

River pollution

River pollution can cause serious damage to the environment. It can make the river water dangerous to the wildlife that inhabit the area.

River pollution can be caused by many things. People may leave **litter** at the riverside, such as picnic leftovers, plastic bags and cans. **Factories** on river banks may pollute the water with waste materials. **Farmers** may pollute a river when the fertilisers and pesticides they use are washed into the river by rain. But we can all help to keep rivers and the surrounding area free from pollution.

Look at the picture below. Circle the pollution.

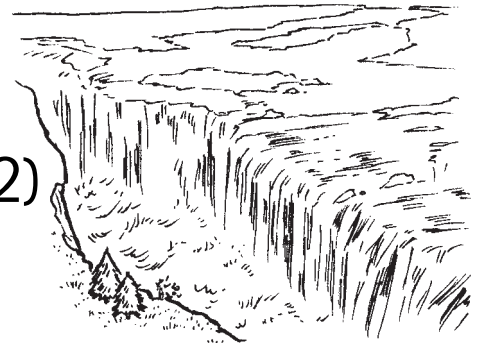


Write the pollution problems you have spotted.

Write sentences about how you would prevent river pollution.

Name: _____

Test your memory (2)

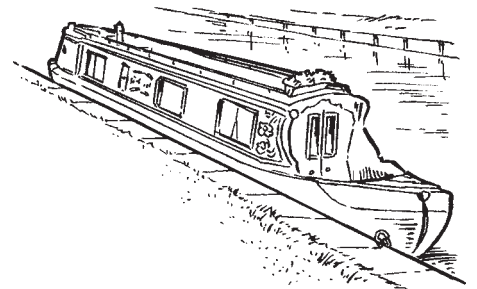


Section A (for pages 10 - 14)

1. List three ways to cross a river. _____
2. What is a dam? _____
3. How is a gorge formed? _____

4. What is an estuary? _____

5. Describe a delta. _____



Section B (for pages 15 - 18)

1. Name three birds you might see by a river? _____

2. What is a canal? _____
3. What is an aqueduct? _____

4. Name three popular activities on a river. _____

5. List three things that could pollute a river. _____

Support for Geography

Book 10

Rivers

Sue Graves

Illustrated by Sally Barton

Contents

Pages	Title	Particular skills
1	River sources	True/false
2	The world's longest rivers	Deduction, labelling
3	Springs	Cloze procedure, labelling
4	Rills and streams	Choosing words, sentence completion
5	Tributaries	Reading for meaning
6	Waterfalls and rapids	Read and label exercise
7	Valleys	True/false
8	Meandering rivers	Writing facts, drawing
9	Oxbow lake	Jigsaw puzzle
10	Crossing rivers	Identification, list writing
11	Dams and reservoirs	Cloze procedure
12	Gorges and canyons	Comprehension
13	Estuaries	Labelling
14	Deltas	Comprehension
15	River plants and animals	Read and draw
16	Canals and aqueducts	Cloze procedure
17	River Fun	Cut and paste activity
18	River pollution	Identification, finding solutions
19	Test your memory (1)	Quiz for pages 1 - 9
20	Test your memory (2)	Quiz for pages 10 - 18
21	Puzzle page	Word shape, jumbled words, wordsearch
22	Glossary	
23	Pupil's Record Sheet	
IBC	Teacher's guide	

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ISBN 1 84198 248 2

© Learning Materials Ltd 2006

Published by Learning Materials Ltd, Dixon Street, Wolverhampton, WV2 2BX

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Introduction

General information

A series of twelve books designed to support the teaching of geography at Key Stage 2. The workbooks link closely to the units of work suggested for each year group by the QCA and in accordance with the National Curriculum programme of study for Key Stage 2. However, since there are twenty-five QCA units in total for Key Stage 1 & 2 and many of these combine neatly with other units, criteria from all the units has been absorbed into the series. Hence each book not only relates to its appropriate year group, but also provides opportunities for criteria from other units to be met. In this way the teacher can provide opportunities for earlier work, including work done at Key Stage 1, to be revisited.

The materials offer differentiated work to meet the needs of children at Key Stage 2 who require carefully scaffolded material to help them engage fully during geography lessons. The worksheets may be used as starting points to develop topics addressed in this book. However, they are not intended as a definitive resource for geography but as useful extension and consolidation activities. They are not necessarily intended to be used in chronological order but at the discretion of teachers' professional judgement.

Glossary

Geographical terms introduced in this book are defined in simple terms on page 22 of this book. It is suggested that the teacher ensures the pupil's understanding of any such terms prior to working on the activities.

Pupil's Record Sheet

The pupil's record sheet can be found on page 23 of this book. Space is provided to record the pupil's understanding of and approach to each topic.

Teacher's Guide

Brief teacher's notes are provided inside the back cover. However, they are intended as guidelines only and a teacher should use his or her professional judgement when engaging the children on the activities.

Book 1	Where we Live
Book 2	The Weather
Book 3	Making Connections
Book 4	The Environment
Book 5	Villages
Book 6	Living in India
Book 7	All about Water
Book 8	Traffic
Book 9	A UK Seaside Resort
Book 10	Rivers
Book 11	Coasts
Book 12	Mountains