

Unit 4 Waterfalls

1. Whole class instruction

Objective: To introduce children to waterfalls great and small.

1.1. Go to River>>Multimedia 4>>intro screen

“Do you know what a waterfall is like? Let’s look at this video to start our exploration. But first I want us all to see what this activity is...”

- ▶ Open the video activity. Tell children this is what they should do (pencil and paper required).
- ▶ Watch the video as a group to build background knowledge and get a mental perspective of the topic. Try to get them to isolate waterfalls into three parts: lip, fall and plunge pool.

1.2. Go to River>>Multimedia>>4.2,4.3,4.4

“Let’s look at some more videos to see if we can find a pattern in waterfalls”.

- ▶ Basic waterfall is three parts.
- ▶ More able students will be able to go to **The Mountain Book** and see that many waterfalls are the result of glaciation, too.

1.3. Go to Textbook pages 16-17

“Can we identify parts of a diagram on a picture?”

- ▶ Get children to compare parts of the Iguazu Falls with the diagram opposite. Draw their attention to the gorge.



Play the video of the waterfall. It has no sound. Treat it as a field discovery.

Then play the video on screen 1: the same with commentary.

Play these additional videos to give a perspective. Especially play 4.2 from the Pennines, and 4.3 High Force for UK examples.

2a. Group exploration

2.1. TG photocopiable pages 46 and 48



- ▶ Print out the photocopiable and ask children to complete the questions on pages 62 and 63. These will reinforce the discussion you had on the textbook pages.
- ▶ Explore the world's great waterfalls using the Creative Topic **Waterfall**.

2b. Literacy activity

- ▶ Unit 3 and unit 10 deal with waterfalls.
- ▶ Unit 3 is a description by Livingstone of his first sight of the Victoria Falls.
- ▶ Unit 10 is a story about Indian myths and represents a study of other cultures.

Issue photocopies of the story.

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Cross-curricular: other cultures.

3. Plenary session

- ▶ Get children to say what they think they have learned and present it perhaps on the whiteboard or in their own books.

4. Further work/homework

- ▶ Ask children to find out about the dimensions of some big rivers, and compare them. They can use the Creative Topic **Waterfall** to get this information in one place.

Creative Topic **Waterfall**.