

# UK landscapes

## Rivers

*Write a  
description of the  
image*



# Waterfalls



To learn how waterfalls are created and changed by river erosion.

Students will be able to:

- describe ... the characteristics of a waterfall
- Describe/Explain ... how a waterfall and a gorge are created
- Describe/Explain/Link ... key ideas together e.g. rocks and erosion



# Biggest and best

Name	River	Country
Inga Falls	Congo	Dem Republic Congo
Niagara Falls	Niagara	Canada
Stanley Falls	Lualaba	Dem Republic Congo
Victoria Falls	Zambezi	Zimbabwe
Vermillion Falls	Peace	Canada
Salto del Mocono	Rv Uruguay	Argentina
Iguazo	Iguazo	Argentina
Kongou	Ivindo	Gabon
Para	Caura	Venezuela
Khone	Mekong	Laos





- |    |    |    |     |
|----|----|----|-----|
| 1. | 4. | 7. | 10. |
| 2. | 5. | 8. |     |
| 3. | 6. | 9. |     |

# What is erosion?

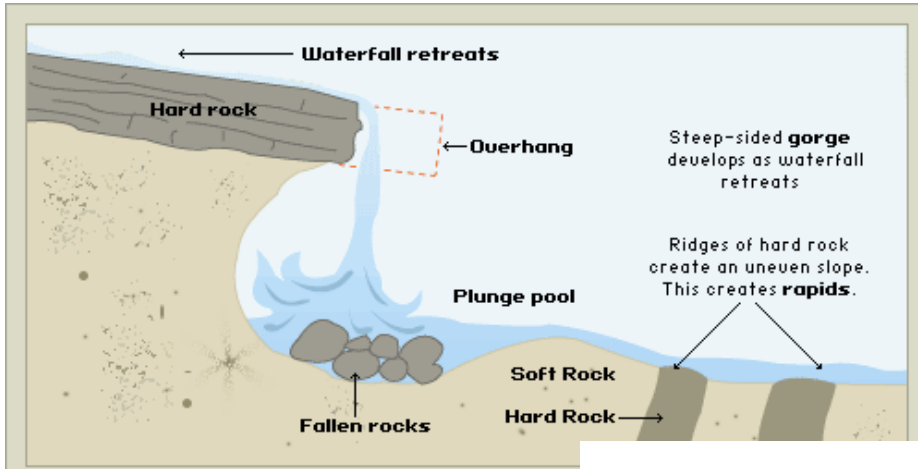
**Attrition** – where rocks being carried by a river, bang into each other and break

**Abrasion** – the wearing away of rocks as they hit the bed and banks of the river

**Hydraulic Power** – the force of the water on bank and river bed removes material

**Meaning = the wearing away and removal of rock and soil by water, seas and ice.**

**Corrosion** – the dissolving of rock by chemicals in water



Produce a simplified diagram identify and describe the key features

What are the key features of a waterfall?



less resistant rock

plunge pool

resistant rock

undercutting

overhang

? C solve ↺

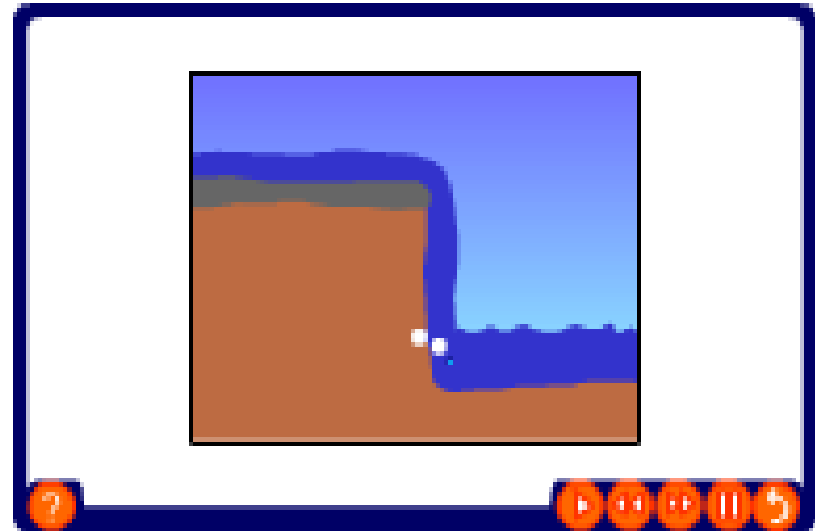
Click on the link for a video on waterfall formation and change...





# How does a waterfall form?

- What key points can you remember?
- What key words can you remember?



# Over to you...

Produce a description and explanation of how waterfalls and gorges are formed

What to include:  
Diagrams to show each stage  
Descriptions of what is happening  
Explain each stage – to include types of erosion and rocks



# Upland Rivers



To learn how waterfalls are created and changed by river erosion.

Students will be able to:

- describe ... the characteristics of a waterfall
- Describe/explain ... how a waterfall and a gorge are created
- Explain/link ... key ideas together (rock, erosion, transportation)

