

North American – A study of the Niagara Falls and Grand Canyon

The Niagara Falls, Ontario, North America



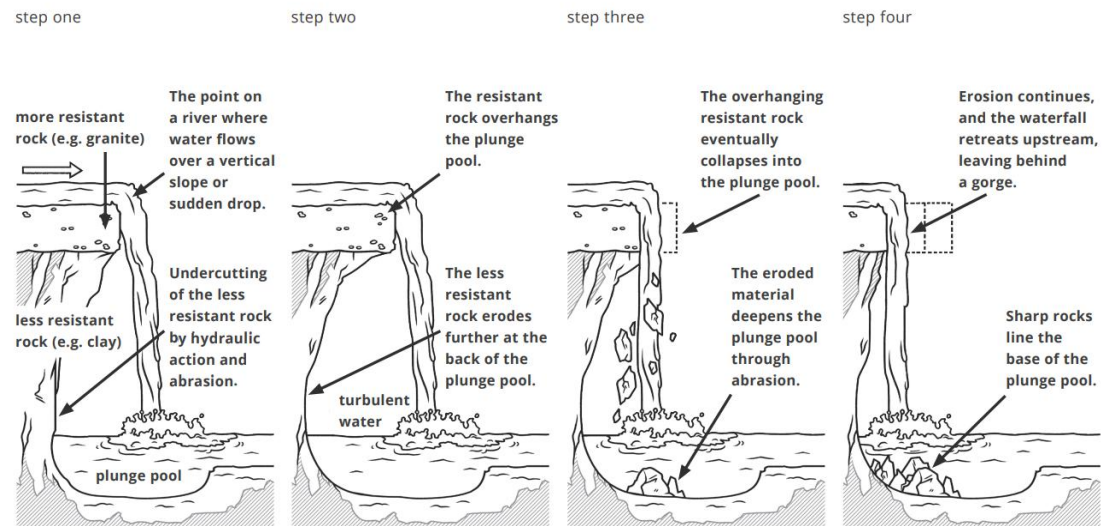
USA
Canada
Ontario
Niagara Falls
American Falls
Bridal Veil Falls
Horseshoe Falls
Goat Island
Niagara River
Rainbow Bridge
Lake Erie
Lake Ontario

Rock types
Resistant
Plunge pool
Erodes
Erosion
Turbulent
Overhanging
Collapse
Retreat
Gorge
Canyon
Slope
Cliffe
Hydraulic abrasion



Annie Edson Taylor, who was about 62 when she became the first, and oldest, person to survive going over Niagara Falls in a barrel.

How waterfalls form:



The Grand Canyon National Park, Arizona, North America

North Kaibab Trail



Havasu Falls

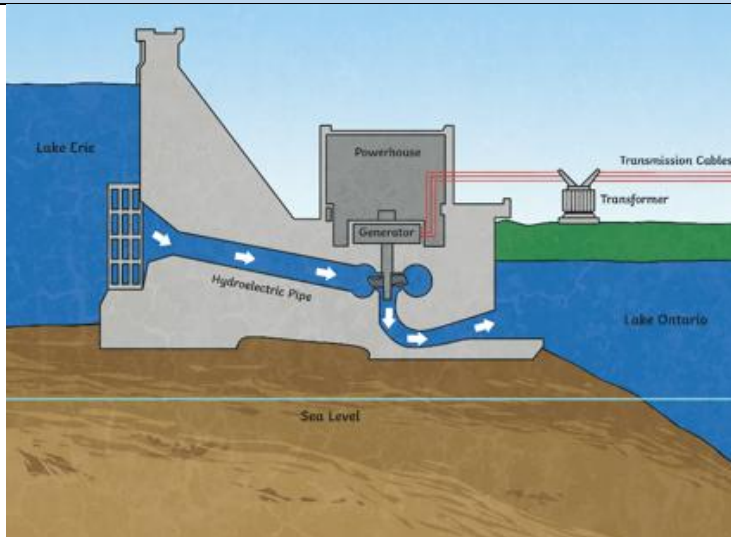


North Rim



Grand Canyon
National Park
Colorado River
Arizona
North Kaibab Trail
North Rim
Havasu Falls
Point Imperial

How hydropower works:



At Niagara Falls, water starts high up in Lake Erie, 174m above sea level. The water then falls down to Lake Ontario, just 75m above sea level.

Some water from the higher lake is piped off to fall to the lower level, passing through a turbine in order to generate the electricity.

As **writers**, we will be writing a series of diary entries linked to our key text 'Queen of the Falls' which tells the heroic story of Anne Edson Taylor, the first person to go over the Niagara falls in a barrel and survive.

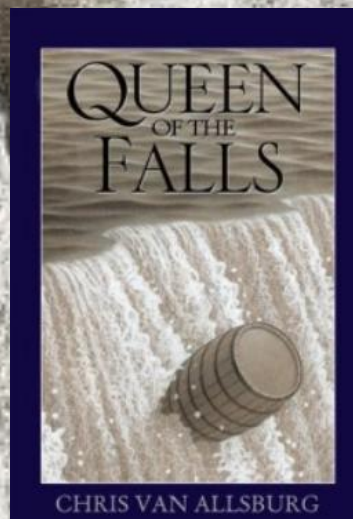
As **mathematicians**, we will be developing our place value, before we start improving our addition and subtraction skills.

As **readers**, we will take part in year group reading sessions with a focus on fluency, comprehension and inference skills.

This half term we will be using the books:
Y5: Goodnight Stories for Rebel Girls
Y6: When We Were Warriors

As **geographers**, we will be focusing our learning on two main regions in North America: The Niagara Falls and The Grand Canyon. We will be discovering how both regions were formed, and why they are so different. Our learning will focus on the Niagara Falls and how they differ from waterfalls in the Grand Canyon.

As part of our study, we will also learn about how the falls are used to generate power, and the impact this has on the wildlife. We will also be looking at the impact of tourism has on both regions.



As **historians**, we will be learning about Annie Edson Taylor and how she was the first to survive a trip over the Niagara Falls in a barrel.

We will also be using the fossils found in the Grand Canyon to help us find out more about what the Grand Canyon used to be like.

As **artists**, we will be using different brushes and techniques to recreate the movement of the water in a waterfall.

We will also be learning about the artists John Singer Sargent before creating our own pencil and charcoal drawings of different body parts. Throughout we will be using our art portfolios to develop and improve our skills before creating our own masterpieces.

As **scientists**, we will be building on our previous knowledge of forces by learning about gravity pull, air and water resistance and friction. We will also look at how mechanisms with levers, pulleys and gears only need a small amount of force to create movement.

Badgers Class Half Termly Overview Autumn 1 2025

As **computer scientists**, we will be developing our coding skills so we can read and understanding code. We will also be able to debug codes when things don't quite go to plan, as well as remix code to achieve a particular outcome.

As **theologians**, we will be studying the Christian concept of Good News.

As **sports people**, we will be focusing on developing our invasion and tag rugby skills.

As **international speakers**, we will be learning how to say in French which amenities and services can be found around school before we move onto holding a short dialogue in French about where we live.

In **RHSE**, we will be using No Outsiders and P4C to use develop our relationships with others.

As **musicians**, we will be taking part in musical lessons from 'Love Music Trust' and continue our music lessons with Mrs Henry.