

To begin our topic, we will name and locate regions of the UK, we will locate cities of the UK and identify the country and region they are in. We will also look at the regions that The Peak District covers. We will identify the Peak District on a map and read map symbols on OS maps, identifying what contour lines reveal. As part of our learning we will compare the difference between human and physical Geography & look into what land use is. During our visit to Castleton, we will understand the role of a Countryside Park Ranger and create a factual tour/tourism guide for the Peak District; identifying human/physical geography and landmarks.

# Geography

## Summer 2 - Can we become geographical explorers? The Peak District

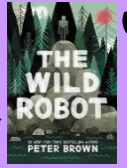
During this half-term, the children are going to be undertaking two elements of PE – tennis and athletics.

# PE

As well as weekly spelling, grammar and handwriting lessons, this term Year 4 will be exploring the book *The Wild Robot*.

Throughout this half term, we will be writing:

- a character description of Roz the Wild Robot
- An email from Roz asking for help
- A survival guide – How to survive on the island
- Dialogue between characters



# English

# Science

The children will learn all about the digestive system; this will include teeth of animals and humans, carnivores, herbivores and omnivores, tooth decay and an experiment to look at the effects of sugar on our teeth. The children explore the digestive system and the route food takes through the body, starting with the teeth. They will learn the names of the organs including the oesophagus, stomach, small intestine etc. Finally they will learn what a food chain is, interpret food chains and draw their own.

# Computing

Learners will explore repetition in programming using Scratch, building on skills from previous work with Logo. They will compare programming environments, learn the difference between count-controlled and infinite loops, and use loops to improve animations and games. The unit ends with learners designing and creating their own Scratch game, applying the full programming design process.

The topics this half term include shape, statistics, position and direction. The children will learn about the different types of angles, regular/irregular polygons and lines of symmetry. They will analyse data from tables, graphs and pictograms. The children will also describe and plot coordinates onto a grid.

# Maths

# Music

In Year 4 children will learn to use their voice and instruments with increasing accuracy, control and expression. We will improvise and compose music and play the Glockenspiels. Pupils will listen with attention to detail with the sounds of the different musical instruments, they will use and understand musical notation. Throughout this the children will develop an understanding of musical history.

# Design Technology

The children will apply scientific understanding of electrical circuits through designing and making a torch using recycled and reclaimed materials.

# Religion

The children will learn facts about St. Paul and retell the story of his conversion. They will learn that Paul traveled the known world, preaching about Jesus. They will discover what the theological values are and learn that there are different liturgical traditions in the Catholic Church. They will describe some ways in which Christians in the local area work together for the community and be able to describe the five pillars of Islam.