

In English, I will learn...

- *Setting and character description, fantasy narrative, non-chronological reports based on mountain animals, newspaper account of the Christmas Truce and Winter poetry
- *to use a wide range of punctuation including : ; () -
- *to spell common exception words (Y5/6)
- *to answer questions about texts I have read in Guided Reading.

Our class books:

Wilderness (Roddy Doyle)

Flanders Field

The Last Post



In Maths, I will learn...

- *to use the short and long methods of division (involving whole numbers and decimals)
- *to use factors, multiples, primes, square and cube numbers
- *to use and apply my knowledge of fractions to:
 - simply fractions
 - find equivalent fractions
 - compare and order fractions
 - convert between improper and mixed number fractions and vice versa
 - calculate with fractions (all four operations)
 - find fractions of amounts



In Autumn 2 in Year 6, our topic is Mountains

Important Information:

Weekly spellings will be handed out on a Monday and should be practised at home using the book provided by school.

Reading homework – minimum x 3 per week and signed by an adult. Staff in school will sign this on a Friday.

TTRS practise including weekly battles.

Topic projects – set on Teams (not weekly!)

PE - Wednesday and Friday

In PE, I will continue to learn...

Hockey

- *to dribble the ball accurately with control while under pressure of a defender in a competitive situation.
- *to demonstrate how to protect the ball defensively before passing.
- *to perform a push pass, a drive pass or a slap / sweep pass with control.
- *to know which pass to use when shooting
- *to perform a sweep pass over a distance.
- *to use a range of skills in a hockey game.

Health Related Exercise

- *Understand the functions of the cardiovascular system and how aerobic fitness affects our bodies.
- *understand the meaning of flexibility and how flexibility affects our bodies.

In Music, I will ...

*be learning about four different composers and the music they developed.

Edward Elgar, Gustav Holst, Igor Stravinsky, Aaron Copland

*Listen and appraise -Happy (Pharrell Williams)

In Science, I will learn...

- about the major organs of the human body, be able to identify them and explain their function.
- about the main parts of the human circulatory system.
- about the function of the heart.
- about the function of the blood and blood vessels.
- to investigate and measure fitness level by measuring heart rate and lung capacity.
- about the function of the lungs and explain how we breathe.
- about the impact of diet and exercise, drugs alcohol and smoking.
- what the characteristics and benefits are of leading an active lifestyle.
- how nutrients are transported in humans and animals.
- about nutrients (carbohydrates, protein, fat) and why they are important.
- to make predictions, collect and record results, presenting results and making conclusions from their findings.



In Art, I will learn...

- *what street art and graffiti are, and the contrasting view people have on this.
- *to evaluate work created by famous artists (Banksy and Keith Haring).
- *to use the techniques applied by famous street artists.
- *how to create different fonts, effects and shadings.
- *how to apply colour theory to produce an effective final street art design,



In RE, I will learn...



- *to give reasons why some people might be comforted by their beliefs when someone dies.
- * to describe the impacts that the belief that we have a soul might have on the way someone might live their life
- * to describe the Hindu belief in reincarnation and Karma
- * to explain some similarities and differences between Muslim belief in Judgement and Christian belief in Judgements and how it is similar and different to the Hindu belief in reincarnation
- *look for similarities and differences between their own views about life after death and the beliefs of Hindus, Christians, Muslims and non-religious people

PSHE, I will learn...

- * I can identify my goals for this year and understand the fears and worries for my future.
- *I can make others feel welcomed and valued.
- *I can identify my wants and needs and compare this with children from other communities.
- *I know that actions can affect others locally and globally
- *I can make choices of my own behaviour because I understand how rewards and consequences work.
- *I understand how others behaviour can impact on a group.
- *I understand the importance of democracy and how having a voice benefits the school community.



In Computing, I will learn ...



- *to know what a spreadsheet looks like.
- *to navigate and enter data into cells.
- *to use some basic data formulae in Excel.
- *to demonstrate how the use of Excel can save time and effort when performing calculations.
- *to use a spreadsheet to model a situation.
- *to demonstrate how Excel can make complex data clear by manipulating the way it is presented.
- *to use formulae for percentages, averages, max and min into their spreadsheets.
- *to create a variety of graphs in Excel.

In Geography, I will:



- *Understand the definition of a mountain
- *Name and explain the physical features of a mountain
- *Understand and explain how different mountains are formed
- *Name and locate mountain ranges in Britain
- *Name and locate mountain ranges around the world using longitude and latitude
- *Use a range of topographical maps to compare Mountainous regions such as the Alps and Three Peaks with Wakefield noting differences in terrain, landscape, amenities and population
- *Investigate how mountain climates differ to the climate in Wakefield
- *Understand how mountains differ focusing on Alpine biomes
- *Identify how mountains can change from foot to peak
- *Understand why mountains are important and how they are used by humans
- *Investigate the impact that people and tourism have on mountains



Mountains

How does Wakefield compare with mountainous regions?



Useful websites

<https://www.bbc.co.uk/bitesize/topics/z849q6f/articles/z4g3qp3>
<https://www.theschoolrun.com/homework-help/mountains>
<http://www.primaryhomeworkhelp.co.uk/mountains.htm>
<https://kids.britannica.com/kids/entry/mountain/346179>

<http://www>

Key places I will learn about:



- Famous mountains around the world
- Famous mountains in Great Britain
- The Three Peaks
- The Lake District
- The Alps

Sticky Knowledge I will learn:

- *A mountain is usually steep sided and 600m above the ground
- *Mountains can be rocky and barren but some have trees growing on their sides and very high mountains have snow on their peaks
- *Mountains make up a fifth of the world's landscape
- *Mountain Everest is the world's highest mountain
- *Mountains can exist under the surface of a sea or ocean
- *80% of fresh water originates from the mountains
- *The highest 14 mountains in the world are in the Himalayas
- *Mountains get colder and wetter the higher you climb
- *The air gets thinner the higher you climb
- *People use mountains for adventure sports
- *Fold mountains are created when tectonic plates collide
- *Fault mountains are formed when cracks appear in the earth's surface causing the land to fall leaving two high pieces of ground either side



Key vocabulary linked to my topic:

peak summit ridge face foot base cliff valley range slope

plateau terrain biome climate erosion contours topographical erosion

relief tectonic plates Fold Mountain

