What your child will be studying this term – Year 5

Literacy

In reading, we will focus on developing a deeper comprehension of texts through our daily reading activities. We will continue to ensure that we are able to read with fluency. During our weekly book club sessions, we will build on our love for reading and read a wide range of genres and texts that are structured in different ways.

In Literacy, we will be studying a range of high quality texts. We will also be learning a range of grammatical and punctuation skills: using relative clauses (beginning with which/that/who etc.); using the progressive tense (We were watching) and the present perfect tense (We have watched); using modal verbs (should/could/would etc.); using commas after fronted adverbials (these tell us when, where or how) and beginning to use punctuation around parentheses (extra information in a sentence)

Maths (White Rose Science)

- Use formal written methods when multiplying 4 digits by 1 digit; 3 digits by 2 digits and 2 digits by 2 digits, and solve multiplication problems
- Use the short division method and solve division problems
- Divide with remainders
- Multiply a unit fraction, non-unit fraction and mixed number by an integer (whole number)
- Find a fraction of an amount
- Find equivalent fractions and decimals (tenths, hundredths, thousandths)
- Order and compare decimals
- Find the perimeter of rectangles, rectilinear shapes and polygons
- Find the area of rectangles and compound shapes
- Draw, read and interpret line graphs
- Read and interpret tables, two way tables and timetables

Science (White Rose Science)

We will learn about the properties of materials, and test materials for different properties such as magnetism, transparency and electrical conductivity. We will investigate which material is the best thermal insulator. We will learn about the human life cycle and the key changes that happen to humans in adulthood and late adulthood. We will also investigate gestation periods. During our topic of life cycles, we will learn about the life cycles of mammals, amphibians, insects and birds.

Computing -computer games

We will be building on our understanding of computer games and learning how algorithms can be translated into a computer program. We will learn about the importance of player feedback when evaluating a game.

History – The Battle of Britain

We will learn about why the second world war broke out and who was involved, and who the Allies were. We will learn about the Battle of Britain and how this affected everyday life. We will also learn about evacuation and why children were evacuated. We will recognise the significance of women during WW2.

Geography- – Mountains

We will learn about the different types of mountain and describe how different types of mountains are formed. We will describe a mountain climate and the effect it has on people. We will locate mountains on a map, using contour lines and 4 and 6 figure grid references. We will learn about the human and physical features of Eyri (Snowdonia) and the Rocky mountains. We wil compare the impact of tourism on mountain regions and identify ways to limit the damage tourism can cause to an area.

Art – Land and cityscapes

We will explore the works of artists who are inspired by the land and city where they live. We will understand the work of a plein air painter and explore and experiment with different combinations of media to create art work which is linked to outdoors.

D.T – monitoring devices

We will learn about monitoring devices and create design criteria for an animal monitoring device. We will write a program that monitors the ambient temperature and alert someone when the temperature moves from a specified range.

R.E – We will be exploring different religions' beliefs about death and rituals around dying.

Ways in which you can help your child with their learning

- Ensure that your child reads every night and completes their reading record
- Practise spellings sent home
- Practise maths objectives listed
- Encourage your child to go on mathletics/ doodle maths and times tables rock stars each day
- Create your own thermal insulator for a cup of warm drink
- Compare the life cycles of different animals
- Visit the Imperial War Museum
- Locate mountain ranges on a range of maps
- Learn more about plein air painters
- Look at different monitoring devices found in the home (e.g a smart meter, a fit bit etc.)