



# Curriculum Newsletter



Autumn: Year 5



## Reading

This term we will be focusing on developing our reading strategies to support when justifying our answers with evidence. We will be able to do this by applying the A.P.E. - Answer it, Prove it, Explain it strategy effectively. This links to our VIPER – Inference as you are providing evidence from the text to support your thought process.



### Class Reader

**George's Secret Key to the Universe**

**Author Focus: Lucy Hawking and Stephen Hawking**

## Mathematics

We will be investigating the place value of digits and the value of each digit in a given number. We will then be ordering, comparing and rounding numbers up to 1,000,000. Finally, we will learn written methods of addition and subtraction using the column method and then apply this knowledge to reasoning questions.

### Key Vocabulary:

Place value, ones, tens, hundreds, thousands, ten thousands, hundred thousands, millions, less than, greater than, equal to, rounding, column, addition, subtraction.

## Computing

In Computing we will be learning all about computing systems, networks and how search engines work. We will develop our searching skills to help find relevant information on the Internet by using keywords and phrases. We will reflect upon how to identify inaccurate information and learn how page rank works.

### Key Vocabulary

Copyright, Correct, Credit, Data leak, Deceive, Inappropriate, Incorrect, Index, Network, Privacy, Rank, Real, Search engine, TASK, Web crawler, Website

## Writing

The focus for our writing this term will be based upon our vehicle text 'Where Once We Stood.' We will be writing an exploration narrative on the Apollo 11 first moon landing mission. We will be using drama techniques and role-play to get into role as an astronaut exploring the lunar surface for the first time. We will then use all of this knowledge and understanding to write a formal report focusing on including technical language and subject specific vocabulary as well as the use of complex sentences and parenthesis to add detail.

**Vehicle Text: Where Once We Stood**



## Science

Our topic this term is, 'Materials and their properties'. We will be comparing and grouping everyday materials based on their properties. We will be looking at reversible and irreversible changes in materials as well as gaining knowledge on solids, liquids and gases to decide how mixtures should be separated. We will be working scientifically by planning and carrying out scientific enquiries, recording data and taking measurements.

### Key Vocabulary

Properties, hardness, flexibility, transparency, magnetism, conductivity, particles, solution, substance, reversible, irreversible, condensation, evaporation

## Enrichment

Anglo-Saxon workshop: 25<sup>th</sup> September.



### Important Dates

PE: Every Tuesday and Wednesday.

Squash at Pontefract Squash Club: Every Wednesday in Autumn 1 for 5F. Every Wednesday in Autumn 2 for 5SL

# Saxon Settlers...

Adults: Mr Forsyth, Mrs Smithson, Mrs Lindsay, Mrs Barratt & Miss Mortimer.

## History

Our topic this term is 'Saxon Settlers'. In History, we will be exploring what life was like for the Anglo Saxons living in Britain, how they changed Britain and investigate the role of religion in their community. We will research the main reasons why they invaded Britain and use timelines to place key events and dates. Finally, we will compare how Saxon Britain and Roman Britain differed.

### Key Vocabulary

Invasion, settlement, monarchy, Kingdom, Pagan, society, religion, Picts, Scots, Christianity.

## Physical Education

### Netball

In PE we will be focussing upon the game of Netball. We will work on our skills to be able to use appropriate passing and moving, to move the ball up the court, creating an attack that results in a shot when in possession and react instantly when they lose possession, transition into defence.

### Key Vocabulary

possession, attack, defend, passing, shooting, tactics

## Art & Design

In Art & Design, we will explore painting and mixed media; taking inspiration from the works of Chila Kumari Singh Burman & Vincent Van Gogh

Key Vocabulary: transfer, collage, paint wash, portrait.

## Design & Technology

In DT we will be focusing on nutrition, we will research and modify a traditional recipe to make it healthier. We will make appropriate packaging and also learn about the ethical considerations of farming.

Key Vocabulary: nutrients, reared, ethical issues, welfare.

## Geography

In our Geography unit this term, we will be answering the enquiry question, 'What are mountains and volcanoes and how are they formed?'. We will use maps and atlases to locate some of the world's major mountain ranges and highest peaks as well as identifying how they are represented on maps. Finally, we will discuss how a volcano erupts and the effects of a volcanic eruption.

### Key Vocabulary

Human geography, physical geography, volcano, crater, vent, eruption, ash, lava, magma, mantel, summit, peak.

## Religious Education

In our RE unit this term, we will learn in depth from different religious and non-religious groups about belief in God. We will raise questions about the nature and existence of God focussing on Christian ideas about God. We will also consider why people do or don't believe in God and the impact that might have on the way they live their everyday life.

### Key Vocabulary

Global Statistics, theist, agnostic, atheist, existence, nature of God, clarification, eternal, Almighty, presence,

## Music

### Focus – Composing, Unit - Livin' On A Prayer

This unit presents an integrated approach to music where games, the dimensions of music (pulse, rhythm, pitch etc), singing and playing instruments are all linked.

Key Vocabulary: Structure, pulse, bridge, backbeat, amplifier, tempo, texture, dynamics, chorus, bridge, riff

## French

We will be learning to discuss our likes and dislikes about the school day as well and the timings of the day.

Key Vocabulary: 'J'aime/Je n'aime pas, Quelle heure est-il?

## How you can support at home

There are many ways you can support your child's education at home. Listen to your child read daily for 10 minutes and record in their reading record. Support your child to practise their weekly spellings and timetables/ number bonds. Your child has access to a number of online platforms to support their learning. Please encourage them to access regularly during the week. Log In details can be found inside your child's reading record.

