

MathsChildren will:

- Solve problems using algebra
- Work with missing number problems
- Solve up to 2-step problems algebraically
- Learn to add and subtract decimals
- Multiply and divide by 10, 100, and 1000
- Multiply and divide decimals by integers
- Use common factors to simplify fractions
- Recall and use equivalences between simple fractions, decimals and percentages
- Compare and order fractions
- Solve problems involving the calculation of percentages and the use of percentages for comparison

So that they...

Have a rigorous understanding of multiplication and division, solving equations with confidence and accuracy  
 Can confidently and accurately identify the correct operation when working with problems involving multiplication and division  
 Can refine their common factors understanding  
 Understand how compare fraction, decimals, percentages and identify equivalences  
 Develop confidence when working with word problems

ScienceChildren will:

- Learn about forces
- Understand and identify gravity, friction, air and water resistance
- Carry out investigations to explore how these forces work in the real world
- Explore mechanisms such as using pulleys, leavers and gears

So that they...

Develop their understanding of how forces act upon us and the objects around us  
 Can talk confidently about mechanisms used to act with or against forces  
 To continue their scientific lines of enquiry

ComputingChildren will:

- understand that variables are used in programs
- apply the concept of variables to enhance an existing game in Scratch
- design their own algorithms to create their program flow for their project

So that they...

Can test codes and identify ways that games can be improved

HistoryChildren will:

- Increase their historical vocabulary and develop a line of enquiry about the Viking era
- Understand chronology of the Vikings
- Contrast this with their existing historical knowledge
- Identify and explain connections, contrasts & trends in History
- Explore the relationship between different historical eras already studied (The Romans and The Anglo-Saxons)

So that they...

Develop a chronologically secure knowledge and understanding of British, local and world history, establishing a clear narrative  
 Understand the methods of historical enquiry, including how evidence is gathered and used

# The Vikings!

Physical EducationChildren will:

- Participate basket ball sessions
- Participate gymnastics sessions

So that they...

Continue to promote the importance of physical wellbeing  
 Boost motivation, confidence and setting personal goals in individual and team sports

PSHEChildren will:

- Explore their dreams and goals
- Find strategies to motivate themselves to succeed
- Identify problems in the world with an aim to make a difference
- Recognise their achievements

So that they...

understand what it is to be them in their world

EnglishChildren will:

- Read and analyse the tale of Beowulf.
- Practice in key sentence-writing concepts
- Develop a deep understanding of essential grammar rules
- Realize there are multiple ways to organize ideas within a sentence, and they can experiment with rewriting sentences in various ways.

So that they...

Become proficient in combining two sentences into one or breaking down a complex sentence into simpler ones  
 Discover the many connective and transitional phrases that can elevate their writing  
 Can write more complex sentences to a powerful effect  
 Appreciate different ways of using language to communicate ideas  
 Learn to make careful language choices  
 Adapt their written and spoken language for different audiences and purposes

REChildren will:

- Discuss what it means to be a Muslim in Britain today?
- Learn about the key belief of Muslims? And how this affects their life?

So that they...

Can make connections between Muslim practice of the Five Pillars and their beliefs about God and the Prophet Muhammad  
 Comment thoughtfully on the value and purpose of religious practices and rituals in a Muslim's daily life

ArtChildren will:

- Explore slider mechanisms
- Create paper sliders
- Design a moving story book
- Construct a moving picture
- Evaluate their finished product

So that they...

Can create a picture, which meets the design criteria, with parts that move purposefully as planned.

How You Can Help and Information for Parents

Well done to everyone who is regularly completing their homework and reading at home. © Please remember, your child should be reading every day and recording reading in our class Reading Padlet at least 3 times per week.