

## Writing

This half-term we will study the structure of stories where the theme is influenced by a flaw in the protagonist's character. We will extract the underlying pattern of the story and use it as a base to invent our own stories. Following this, we will move onto non-chronological writing. 'Talk for Writing' continues to underpin our approach to developing writing skills. There will also be a continued emphasis on handwriting and presentation in all areas of writing.

## Reading

We will continue to encourage children to read across a range of genres but there will be a significant emphasis on developing breadth of reading through experiencing a range of non-fiction texts. We will be developing skills of retrieval and inference as well as recording and presenting information from non-fiction texts.

## Grammar and Punctuation

In punctuation, we will begin to use colons to mark boundaries between independent clauses as well as using the colon to introduce a list. We will use bullet points consistently across a range of writing. In sentence construction, adverbs indicating degrees of possibility will be used including: for example, perhaps and surely. Children will also learn to use relative clauses beginning with: who, which, where, when, whose, that or an omitted pronoun.



## YEAR 5 - Summer Term 1 Gospel Value



## R.E.

This half term we are focusing on the feast of Pentecost. Christians believe that the spirit of God is active in each person and in a special way in the community of believers which is the Church. The Feast of children will look at the celebration both of the gift of God's Holy Spirit and the trust God places in people to be witnesses in the world.

## Numeracy

This half term children will develop their mathematical knowledge in a range of areas. Children will: estimate volume; add, subtract, multiply and divide numbers mentally; interpret negative numbers in context; count forwards and backwards with positive and negative whole numbers, including through zero; recognise and use square numbers and cube numbers; add and subtract fractions with the same denominator.; multiply proper fractions and mixed numbers by whole numbers, supported by materials and diagrams and problem solve using all four rules of numbers, including decimals and percentages.

## Science

In this 'Forces' unit will teach your class about balanced and unbalanced forces, gravity, friction and the use of mechanisms such as levers, gears and pulleys. The children will identify forces and complete force diagrams. They will find out about Isaac Newton and his discoveries about gravity, completing a comprehension about his life and his work. The children will look for patterns and links between the mass and weight of objects, using newton metres to measure the force of gravity.

## DT

This Marbulous Structures unit gives children opportunities to develop their understanding of more complex free standing structures and how they can be strengthened and reinforced. Children will gain knowledge and understanding about how to join and shape materials. Children will then apply these skills, using an iterative design process, to create their marble runs. Finally, children will test and evaluate their marble runs against design criteria . It links perfectly to our Forces topic in Science.

## P.E.

This half term, we will be playing cricket. The children will play games demonstrating control, accuracy and sound technique in their bowling, batting and fielding; think about where they place the ball when batting and bowling; field effectively to put the batter under pressure; read the game well, selecting tactics and team strategies which suit the situation; devise simple fitness and preparation routines that relate to the specific fitness needs of different roles in the game and take the initiative to work on aspects where they need to improve their own performance.



## YEAR 5 - Summer Term 1

## Homework

Literacy, numeracy as well as other curriculum homework, based will be given in order to enhance children's learning in the classroom.



## Computing

This half term we will be completing a unit that takes the children through the process of analysing and building the classic game Pac-Man using Scratch. They will design, write and debug programs that accomplish specific goals, including controlling or simulating physical systems; solve problems by decomposing them into smaller parts. They will use sequence, selection, and repetition in programs; work with variables and various forms of input and output. Finally, they will use logical reasoning to explain how some simple algorithms work and to detect and correct errors in algorithms and programs.

## Geography

In this unit about Amazing America children will first find out about the continent of North America, and the countries that form it. They will then look in more detail at some of the contrasting areas of North America, finding out about the landscape, climate and locations in each area. At the end of the unit, children will research a trip to an area of North America and create tour guides to share what they have found.