

**Mathematics**

This term, the children will be exploring ratio and algebra. Year 6 will learn that ratio is a way to compare two quantities by using division. The children will be encouraged to solve a variety of problems, applying their knowledge to reason and justify their answers. We will then move onto algebra, where the children will use simple formulae to describe number sequences using letters as symbols, and find unknowns in an equation.

RE

In RE this term, the children will learn that the Bible is the story, spread over more than two thousand years, of God's love and how God's people responded to that love. The children will discover that there are all sorts of people – good, bad and indifferent – just as in the world today. God showed his love for them by wonderful deeds and each responded in a special way, and we will explore writing that tell us one thing: the truth about God.

English

In our writing this term, we will be considering how writers argue a case from a particular point of view, encouraging the reader towards the same way of seeing things. The children will explore exemplar persuasive texts before selecting language appropriately to write letters to the government and local authorities, linked to our geography topic of renewable energy.

We will also continue to explore elements of SPaG, including clause types and conjunctions for cohesion.

Art

This term, the children will be exploring different media through a variety of famous artworks, learning that colour can be symbolic and have meanings which vary according to our culture or background.

Computing

The children will be taking a more in depth look at a variety of online safety issues and will be introduced to the idea of the internet, as a type of media, and how it can shape our ideas through stereotypes.

Physical Education

This term, children will continue swimming weekly. Please ensure children come well equipped with appropriate swimming attire, towel and change of clothes. Year 6 will also participate in a weekly badminton P.E. session with a specialist on a Friday. Please ensure children have a P.E. kit in school for these sessions.

RSHE

Our unit this term is: life cycles.

Children will learn about God's design for creating new life through a more nuanced understanding of menstruation, fertility, conception, foetal development in the womb and childbirth.

Geography

This term, the children will be learning about time zones around the world while exploring natural resources and energy found in the United States and the United Kingdom. Children will learn about renewable and non-renewable energy sources and the impacts these have on society, economy, and environment. They will then carry out a fieldwork investigation considering the best location for a solar panel on the school grounds.

Science

This term, the children will be learning about electricity. Children will learn to represent circuits using symbols in a diagram. They will learn about two of the most important scientific inventors in the field of electricity – Thomas Edison and Nikola Tesla. Children will get the opportunity to develop their understanding of what electricity is and how to measure it. As well as conducting their own investigation, they will get the opportunity to create their own torch!

Music

This term, the children will be exploring a song from Benjamin Britten's Friday Afternoons: A New Year Carol. The children will learn to sing the lyrics, playing instruments in time with the beat.

French

In our 'This is France!' unit, the children will learn specific vocabulary to describe France's neighbours and positions/distances of a variety of cities. They will also learn the French names for famous French landmarks.