

Religious Education

In our Creation topic, we will explore the call to be the people of God and the need to be part of God's creation. We will study the Ten Commandments and the importance of shalom and the Sabbath in the Jewish faith.

Through our topic on Prayer, Saints and Feasts we will research the lives of saints and the practice of praying for the dead. We will find out about Prophets in the Islamic religion.

During Advent, we will examine parables, prayers and hymns of the Church that are part of this season.

Mathematics

In mathematics, we will learn to multiply and divide integers and decimals by 10, 100 and 1000. We are expected to have quick recall of multiplication and division facts, and use these to solve a variety of problems. We will investigate how to find common multiples, including how to find the smallest common multiple. We will look at number and shape patterns, where we will be introduced to algebra. We will learn to express a quotient as a fraction or a decimal and consolidate our knowledge of odd and even numbers.

In our work on shape, we will learn about the properties of 2D shapes (including parallelograms, rhombus and trapeziums) and be able to classify quadrilaterals.

Children wondered:

- What new skills will I learn this year?
- How will I manage the Year 6 workload and prepare for SATs?
- How can I get myself ready for secondary school?

English

We will learn about the features of different fiction genres and analyse the language and organisational features of genres. We will use what we have learnt to plan, write and improve a short story, along with several other extended pieces of writing

We will understand the terms 'biography' and 'autobiography' and evaluate the reliability and usefulness of biographical information from different sources.

We will be learning about accurate usage of correct spelling, punctuation and grammar and applying it to our writing, as well as learning the skills required to answer high level comprehension questions about a range of texts.

P.E

In our outdoor PE lessons, we will be learning about Gaelic Football with a specialist coach in preparation for the Year 6 tournament. After half term we will be developing our cricket skills.

During indoor PE lessons, we will continue to develop our indoor athletics skills and will be able to achieve points and achieve rewards for our houses.

Year 6

Computing

Our focus in Computing will be Digital literacy and e-Safety. We will continue to learn how to navigate the online world safely, and will take part in a trip to the Sky Skills Academy.

There will also be many cross curricular opportunities to use ICT.

Science

Through our Science topic 'Living things and their habitats', we will investigate how living things are classified into broad groups according to common observable characteristics and based on similarities and differences. This will include giving reasons for classifying plants and animals based on specific characteristics.

The study of 'Animals including Humans' will involve identifying and naming the main parts of the human circulatory system, and explain the functions of the heart, blood vessels and blood. We will study the impact of diet, exercise, drugs and lifestyle on the way their bodies function. We will investigate ways in which nutrients and water are transported within animals, including humans.

In conjunction with the topics, the pupils will be taught to plan scientific enquiries, take measurements, record data and results using scientific diagrams and use test results to make predictions to set up further comparative and fair tests.

How can you help at home?

- Spend time listening to your child read at home and ask them questions related to what they are reading.
- Help monitor your child's homework and encourage them to complete it on time.
- Use the ChIMP strategy to help your child learn their spellings.
- Help your child to learn the mathematics 'Learning by Heart' facts.

History and Geography

In History lessons we will produce timelines of early civilisations and the 20th century. We will learn facts about London during the Second World War and study the impact of this war. We will give reasons for, and the results of, evacuation. Following this, we will improve our knowledge and understanding of British life since 1948, identifying changes that happened within this period.

We will study Geography in the Spring Term.

French, Art, DT & Music

In our Art lessons with Mrs Rauh, we will study colour theory and improve our painting skills; mixing and matching colours to make a colour wheel. We will use Chinese inks and bamboo to create Chinese paintings with Haiku.

Our DT topic will link to our Doing Maths Project, where we will design and make a gingerbread house, in the build-up to Christmas.

We will have music lessons with Miss Page where we will practise composing sound effects using the Mac software. We will also play a variety of instruments. As part of the music technology curriculum, we will be continuing our work in Garageband. We'll be listening to pieces from different musical styles and genres and sampling those pieces to use in our own remixes.