

Maths

We will be learning to solve problems:

- involving the relative sizes of two quantities where missing values can be found using integer multiplication/division facts;
- involving the calculation of percentages and use of percentages for comparison; solve problems involving similar shapes where the scale factor is known or can be found;
- involving unequal sharing and grouping using knowledge of fractions and multiples.

We will be using simple formulae; generating and describing linear number sequences; expressing missing number problems algebraically; finding pairs of numbers that satisfy an equation with two unknowns

We will be recognising that shapes with the same areas can have different perimeters; when it is possible to use formulae for area and volume of shapes; calculating the area of parallelograms and triangles; calculating, estimating and comparing volume of cubes and cuboids using standard units.

English

During this half term our main focus will be reading. As a class we will be reading Malorie Blackman's book 'Pig Heart Boy'. Within our reading we will be drawing inferences such as inferring characters' feelings, thoughts and motives from their actions, and justifying inferences with evidence. We will be discussing and evaluating how Blackman uses language, including figurative language, and considering the impact on us the reader. In groups and as a class the children will be learning how to explain and discuss their understanding of what they have read. We will explore this through formal presentations and debates.

The children will be writing about their thoughts on the main themes of the book. Writing foci this term will include the children's prediction of how the book will end; a newspaper report and an interview with the main protagonist. Children will continue to assess the effectiveness of their own and others' writing.

Computing

This term we will be justifying the choice and use of multiple digital devices, internet services and application software to achieve given goals. We will evaluate the trustworthiness of digital content and begin to know how the use of technology can impact on society. We will begin to design criteria for users to evaluate the quality of solutions.

Religious Education (R.E.)

R.E. -

The Salvation Army- children learn about ways in which people's beliefs affect their actions.

The Sikh gurdwara- children learn about the beliefs which underpin the practice of a Sikh community.

The Role of the Mosque

Children will learn about the key features of a mosque- and how they link with worship and the Islamic community. They will learn about the ways Muslims worship, in the mosque or at home; and develop an understanding of ways a mosque can act as a community centre and a place of worship.

Spring 2 - 2018 – Class Author Malorie Blackman 'Pig Heart Boy'

Modern Foreign Languages (MFL)

In French we will...

- Listen attentively to spoken language and show understanding by joining in and responding.
- Appreciate stories, songs, poems and rhymes in the language.
- Broaden our vocabulary and develop our ability to understand new words that are introduced into familiar written material, including through using a dictionary.
- Speak in sentences, using familiar vocabulary, phrases and basic language structures.
- Write a short piece in French about ourselves and our family.

P.E.

In P.E. we will participate in team games, play competitive games, modified where appropriate through team and individual games. We will be beginning to use a range of tactics and strategies to overcome opponents in direct competition. We will develop an understanding of how to improve in different physical activities and sports and understanding the importance of a healthy mind and body.

Science

This term our topic is light. We will

- recognise that light appears to travel in straight lines; use the idea that light travels in straight lines to explain that objects are seen because they give out or reflect light into the eye;
- explain that we see things because light travels from light sources to our eyes or from light sources to objects and then to our eyes.

Art and Design

We will complete our perspective print work then move to Illustrations in order to improve our mastery of art and design techniques, including drawing, painting and sculpture with a range of materials e.g. pencil, charcoal, paint, clay.

Humanities

Personal, Social, Health and Citizenship Education (P.S.H.C.E)

P.S.H.C.E. - Active role as citizens

We will be exploring the issues raised in our class novel, 'Pig Heart Boy.' Pupils will be:

- taught to research, discuss and debate topical issues, problems and events; reflecting on spiritual, moral, social, and cultural issues, using imagination to understand other people's experiences.

The children will consider the social and moral dilemmas arising in 'Pig Heart Boy.'

Music

In music, the children will continue to develop their knowledge of the ukulele chords they have previously learnt, moving towards increasing accuracy, fluency and control. They will advance their understanding of staff and musical notations.