

Sow, Grow and Farm Rowan - Year 5/6 Spring Term



History and Geography: in the Sow, Grow and Farm project, we will learn about allotments in the United Kingdom and how the government encouraged people to have them to support food rationing during the Second World War. We will have the opportunity to learn about farming in the United Kingdom and some of the techniques used in modern farming. We will also learn about some examples of world farming and the concept of food miles. We will visit the Churchfields Allotments in the village and carry out fieldwork at the site.

Science: as Scientists we will learn what life cycles are, order the stages of life cycles for different animal species and compare them. We will learn what mammals are and the five key mammalian characteristics. We will sort vertebrates, deciding whether or not they are mammals, look closely at different mammalian life cycles and make comparisons. We will investigate the relationship between the mass of mammals and how long they carry their young by creating and interpreting scatter graphs. We will learn about the stages and processes of the human life cycle: human gestation from embryo to birth; how humans change and develop from infant to adolescence in the juvenile stage; the changes that happen during puberty; and how humans change as they get older. We will interpret data about human growth and learn about the human reproductive system and sexual reproduction.

English

As writers, we will be focussing on writing for a purpose, using a range of grammatical and structural devices appropriate for achieving the impact we want on the reader at sentence level. We will be using high quality texts to drive our learning. Through the term our writing will include evocative description, integrating dialogue and narrative, seasonal poetry, a survival guide and writing a story which builds up tension.

We will have discrete handwriting lessons twice a week and spelling lessons twice a week.

We encourage reading for pleasure and sharing books. We will work on our reading skills three times a week, using a range of extracts and types of text. Children are supported to select a quality text to read independently. Our class novel is *The Explorer* by Katherine Rundell.

Maths

Areas of study for the term:

- Consolidating formal written methods including in the context of word problems.
- Multiplying and dividing fractions.
- Finding fractions of amounts and finding the whole.
- Decimals including rounding and ordering.
- Area and perimeter.
- Equivalent decimals and fractions.
- Percentages.

In addition, Year 6 will be learning the curriculum content for Algebra and Ratio while Year 5 will be covering year 5-specific objectives relating to Shape.

We will have Fluency sessions four times a week focusing on key number facts, including times tables, and mental strategies.

PSHE

We will be learning about ways to keep ourselves safe online and will cover some basic first aid. We will move on to learning about the changes that happen in our body at puberty. Years 5 and 6 will be split for lessons towards the end of term.

RE

The overarching question for the term is, "Why does religion look different around the world?" We will be focussing on this from the perspective of Dharmic religions and Buddhism.



Computing

We will be exploring physical computing using the micro: bit device to complete related KS2 coding projects. Pupils will be using them to develop their understanding of programming (e.g. Scratch) by clipping blocks of code together and predicting what will happen.

Art and DT

Our DT is a cooking unit. We will learn about the seasonality of food and will cook some seasonal soup.

In Art, we will focus on using pencil and white pastel to work with lines in drawing.

French

In French we will learn greetings and adjectives of colour, size and shape.

Music

Children will continue to:

- read and perform simple notation
- write their own compositions based around singing and the xylophone
- have the chance to perform, build confidence and musicality
- develop a strong understanding of pitch through learning the keyboard, the solfège method and lots of singing
- expand their listening/analytical skills through exposure to different types of world and historical music.

PE

In the first half of term, our PE will be Swimming. After half term, we will be learning skills in Netball and developing fitness through Circuits.

Forest School

First half of term Year 5; second half, Year 6.