



Year 5

Summer Term

### Reading stimulus

In English, we will be focusing on the text '*Floodland*' by Marcus Sedgewick. An in-depth study of the text in Reading Owls and English lessons will provide the stimulus for both narrative and non-fiction genres of writing and support pupils in developing key reading comprehension skills. In addition, we will explore the key features of myths, (linking with our History study focus of Ancient Greece), widening the breadth of narrative texts that we read and understand.

### Maths

In Mathematics, we will be developing understanding and fluency in the areas: **geometry** – including angles, properties of shape and position and direction; **decimals** – adding, subtracting decimal numbers as well as multiplying and dividing decimal numbers by 10, 100 and 1000; **negative numbers** – understanding negative numbers, counting forwards and backwards in steps of varied sizes; **converting units of metric and imperial measure** and **calculating volume**. We will have a strong emphasis on reasoning in Maths allowing the pupils to apply their mathematical knowledge to varying real life and problem-solving situations. **Please encourage your child to secure all multiplication knowledge as well as the associated division facts e.g.  $12 \times 8 = 96$  therefore  $96 \div 12 = 8$ .**

### Science

Our Science unit for the summer term has a Biology focus. In studying 'Living things and their habitats' unit, pupils will explore and describe the life-cycles of a range of animals and plants. We will revisit previous learning to consolidate key scientific knowledge as well as developing our scientific enquiry skills to understand the processes that scientists follow in order to answer scientific questions.

### Geography / History

In Geography, we will be asking the question 'Where should we go on holiday?' In this unit, the children learn about the Alpine region of Europe, how the Alps were formed and how homes are adapted to the climate. They will produce literature for visitors to the area using geographical vocabulary.

In History, children will learn about the Ancient Greeks and aspects of their society such as: the roles of men, women and children; relationships between states; religious beliefs and art and culture. There will be links with our English and Art and Design learning for this term.

### R.E.

In R.E. the children will focus on beliefs and actions in the world. We will explore the aims and the work of charities linked to religious groups, such as Christian Aid and Islamic Relief; can they change the world? We will also be considering the key question: For Christians, what kind of King was Jesus?

### Art

In Art, we will be linking with our History unit by exploring the craftsmanship of the ancient Greeks. What role did potters play in their society? How were Greek pots and containers used? Which techniques were used to make and decorate Greek pottery? Pupils will use ancient Greek pottery shapes and designs as inspiration to design, make and decorate their own pot using clay.

### Design Technology

In Design and Technology, our focus will be mechanisms as we explore the question 'How does a toy move up and down without electricity?' We will explore existing toys with mechanisms and will design and make our own moving toy using a cam mechanism.

### Computing

This term, Year 5 will be focusing on 'Programming – Selection in physical computing' using crumbles (electronic programming hardware). Pupils will be developing more complex coding

commands for crumbles then progress onto developing programming in Scratch. In our unit 'Creating Media – video production', we will identify and practise techniques used in filming as well as planning, filming and editing our own video. E-safety elements will be considered throughout the whole curriculum. Within school, some lessons use a blended learning approach which uses Google Classroom and online learning in conjunction with non-technological methods.

### Music

In music, we will continue to explore how dance music is created through digital composition in our 'Looping and remixing' unit. In our second unit 'Musical Theatre', we will be learning how singing, acting and dancing can be combined to give an overall performance.

### P.E.

In the first half-term, our PE sessions will be on Monday afternoons. Working with our coach from the Albion Foundation, we will be developing games skills. In the second half-term our PE sessions will be on Thursday afternoons and will develop skills in gymnastics with our gymnastics coach, Mr Porter. **Please can you ensure that all earrings and jewellery are removed for this session.**

### Jigsaw

The value for this term is Co-operation with an additional value – Gratitude. Children will be learning about the importance of working together to achieve a goal as well as how encouraging and supporting one another can help us all to thrive and be grateful. Our Jigsaw sessions will look at changes as well as different relationships and our emotions; this will be inclusive of online communication.

### MFL

In MFL, our first unit will be 'Out of this world'. We will learn vocabulary linked to travel, nationalities and the planets, including questions and responses in French. After half term, we will continue our learning with vocabulary based on the seaside.

### Homework tasks and projects

**Reading:** Regular reading to develop your child's reading fluency is important as it enables them to read and access information quickly in all subject areas. Their comprehension skills can be practiced alongside this by checking that they are able to understand the meaning of new, or unfamiliar, vocabulary that they come across and by asking your child questions relating to characters and events (fiction) or key facts (non-fiction). This can be your child's school reading book or reading for pleasure texts.

**Maths: TTRockstars.** Rapid recall of multiplication facts is key to a wide range of strands in your child's learning in mathematics. By Year 5, pupils should be able to recall multiplication facts up to, and including, 12 x 12. Additional games, such as 'Hit the Button' (online game) could also be used to practise fluency of multiplication facts.

**History: Ancient Greece.** We would like you to make models, artefacts, posters and fact files based on what we are learning as part of our history lessons in school, or through independent research, to put on display in our classroom. This could include:

- Models of ancient Greek buildings e.g., the Parthenon.
- A laurel wreath headdress awarded to winning athletes. (Olympic Games).
- An ancient Greek pot, vase, bowl or plate.
- A helmet, sword or shield used by a Greek soldier (a Hoplite).
- A guide to ancient Greek Gods and Goddesses.
- Drawings, paintings, collages or models of creatures from Greek mythology.

These are just few ideas but be creative – there are lots more!

**Science: Lifecycles of plants.** Part of our learning in school will focus on plant reproduction. To support this, you could....

- Plant seeds or bulbs at home. Record the progress of their growth by capturing images and, or keeping a diary of its progress, with measurements.
- Bring plants or seedlings into school to plant in our school garden.
- Explore growing new plants in other ways e.g. by taking cuttings from existing plants, using runners or tubers from plants e.g. strawberries, leaving a potato to sprout and then planting it to grow more potatoes. Separating garlic cloves from a garlic bulb and planting them.
- If you have a garden that has flowering plants, look out for the range of pollinators that visit the flowers. Research their role in the production of new flowering plants.