

Welcome To Year 6

Happy new year! We are fortunate to split three ways for Literacy and Mathematics every morning. Here's a Who's Who of the staff this term: Mrs Brown (6B class teacher); Mrs Davidson (6D class teacher); Mr Thompson (teaching Mathematics); Mrs Berridge (our teaching assistant); and a warm welcome to Miss Baharie (teaching Literacy).

This term, we are continuing to weave our 'Golden Threads' of **Character**, **Ambition** and **Diversity** throughout our curriculum, so every child can reach their full potential academically, as well as continuing to develop socially and emotionally.

Year 6 Key Information

The school day begins with a soft start from 8.40am, with registration at 8.50am. Year 6 finish at 3.30pm.

P.E. PE will be on a Monday and Wednesday. Monday will be indoor and Wednesday outdoor. Children come into school wearing the correct PE kit of a white t-shirt and black shorts on these days.

Home Learning

Reading

Pupils will bring a school reading book home every day. Please can this be returned daily as the book is used daily in school as part of their guided reading session.

Maths and English

This homework will be set in their CGP workbook on a Wednesday to be completed by the following Monday.

TTRS

Each pupil has their own TTRS log in. They will get most benefit from at least 3, 10 minute sessions a week

How can you help at home?

In Maths, we are working on explaining our thinking, and revising the key concepts covered, so talking through problems given for homework and getting your child to tell you how they solved a calculation would be an excellent way to support their learning. We would appreciate if you could support your child with their weekly spelling task, which is set on a Wednesday and returned on a Monday. Year 6 are also asked to continue to practise their times tables and read at least 3 times outside school. Please check their reading records weekly and, if you have time, hear them read and enjoy their books with them! We aim to instil a lifelong love of reading in all children! Please sign your child's reading record, so we know that they have read at least three times at home.

Oakfield Schools Federation

Guiding the futures of our children



Year 6 Newsletter

Spring 2023

Year 6 Curriculum Coverage

Spring Term 2023

As a mathematician, we will develop our number fluency, reasoning and problem solving skills. The spring term commences with multiplication and division. We will be looking at developing efficient strategies for multiplying using partitioning or factorising. In addition to this we will be learning how to use long multiplication and division accurately.

We will then move onto area, perimeter, position and direction. We will recall how to find the area of triangles and parallelogram as well as how to describe scale factors and sides and lengths of two shapes. We will describe position in four quadrants, draw and translate simple shapes, reflecting in the axis.

After half term we will move onto fractions and percentages. We will learn how to calculate with fractions using all four operation. We will solve mathematical problems in a range of contexts involving fractions. We will understand how fractions, decimals and percentages are related. We will calculate percentages in a range of contexts and where there is a percentage increase or decrease.

In **Computing**, we will learn how to design a playable game with a timer and a score. We will plan and use selection and variables and understand how the launch command works. We will use functions, understand why they are useful and how functions are created and called. We will use flowcharts to create and debug code. We will learn how user input can be used in a program and how 2Code can be used to make a text-adventure game.

As a Linguist, we will develop our understanding of spoken and written English. Using the novel *Kensuke's Kingdom* by Michael Morpurgo, we will continue to write the story from a particular plot point in the third person. We will write a non-chronological report about Mount Everest then research and write our own reports on a different subject matter.

After half-term, we will write a newspaper report about Goldilocks then plan and write a report about a different fairy tale character. Using the story 'The Journey' by Francesca Sanna as a model, we will write a narrative in the first person. With regard to independent writing, we will edit our work by using a thesaurus and dictionary and re-write sentences to improve vocabulary and punctuation.

We will revise the following grammar objectives during our basic skills lessons: passive voice, verb tenses (simple, progressive and perfect), phrases, clauses and practise using a range of punctuation such as semi-colons, colons and commas.

As Scientists, we will learn about world-renowned male and female scientists (from different multi-cultural backgrounds) from past and present. We will discuss their character traits and explore how they had ambition to succeed. We will explore careers in science and discuss the skills and attributes required.

Through our topic Evolution and inheritance, we will identify how animals and plants are adapted to suit their environment in different ways and that adaptation may lead to evolution. We will recognise that living things produce offspring of the same kind, but normally offspring vary and are not identical to their parents. We will recognise that living things have changed over time and that fossils provide information about living things that inhabited the Earth millions of years ago.

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As Geographers, we will understand the change and distribution of the global population by analysing data and constructing graphs. Studying birth and death rates, we will describe why they change. We will recognise the push and pull factors influencing migration. We will begin to understand the impact climate change can have on the global population. In addition, we will collect data showing how population impacts the amount of traffic and litter in an area. We will write a report on the fieldwork process, analyse findings and make suggestions to improve a situation.



Within P.E., we will understand the importance of a warm up at the beginning of every lesson. We will learn why keeping fit is vital to stay healthy. In our outdoor P.E lessons, we will develop our rugby and tennis skills cooperating when working with a partner or in a group.

In our indoor lessons, we will practise gymnastics moves and develop routines with a partner using a range of apparatus. During our PE lessons, we will evaluate each others' performances and kindly suggest how they can be improved.

In **Modern Foreign Languages**, we will be taught **Chinese by our specialist teacher, Miss Tan**. We will learn about cultural differences between China and the UK. We will chant, play games and sing songs to help us remember words, phrases and sentences. We will revise Chinese greetings, say the names of countries, days of the week and colours; and count to 100.

Within **R.E.**, we will learn how to show tolerance and empathy towards others. We will learn a range of creation stories from world religions, less known or extinct religions as well as different cultures. We will sequence, compare and contrast the stories throughout the unit. In addition, we will be choosing a variety of ways to present our work, which will enable us to reinforce key literacy and computing skills. In the second half of the term, we will study Christianity. We will learn about key aspects of the Easter story and will focus on the question 'was Jesus' death part of God's plan'? We will start with an overview of the Easter story in lesson one. Then move on to focus on 'free will' and 'determinism' reflecting on these concepts in our own lives. We will look for Biblical evidence to support our thoughts on Jesus' life and death. Finally, we will look at the choices we make in our lives and how these could be influenced by external factors.

As Historians, we will understand where and when the ancient Greeks lived. We will understand the importance of the Greek gods. We will identify similarities and differences between Athens and Sparta. We will explore how Athenian democracy worked. In addition, we will understand the importance of the ancient Greek philosophers. Finally, we will identify and explain the achievements and legacy of the ancient Greeks.

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As Artist and Designers, we will study the work of great artists, architects and designers in history. In lessons, we will explore a selection of paintings through art appreciation activities by studying the works of diverse artists such as David Hockney, Paula Rega and John Singer Sargent. We will collect ideas in sketchbooks and plan for a final piece after researching the life, techniques and artistic intentions of an artist that interests us. Our final piece for this topic is an opportunity for us to work over a sustained period of time, enabling us to revisit our work and make choices based on previous painting experiences alongside the chance to experiment and develop our ideas and will be based on the work of Lubaina Himid.

As Global Citizens, we will learn about racial discrimination and its impact on societies, past and present. We will learn about the courage of Martin Luther King and Rosa Parks. We will learn about gender discrimination and explore stereotypes in the workplace. We will study the characteristics of healthy family life and commitment to each other. We will explore diversity and gender issues as well as learning how to look after our mental health and how to support each other. After half term, we will learn about mental wellbeing, healthy relationships and marriage.



As Design technologists, we will look at mechanisms such as pulleys and gears. We will investigate, analyse and evaluate existing everyday products and existing or pre-made toys that incorporate gear or pulley systems. We will build a working circuit that incorporates a battery, a motor and a handmade switch, such as a reversing switch. We will demonstrate the accurate use of tools and equipment including cutting and stripping wire, and making secure electrical connections. We will draw a pictorial representation of the circuit or draw a circuit diagram using correct symbols. In addition we will develop measuring, marking, cutting, shaping and joining skills using junior hacksaws, G-clamps, bench hooks, square section wood, card triangles and hand drills to construct wooden frames, as appropriate; demonstrating the accurate use of tools and equipment. Our design project will result in us making a prototype model of a Ferris wheel that includes simple mechanisms and a circuit.

As Musicians, we will listen and appraise music from different traditions and great composers by using the inter-related dimensions of music (pitch, tempo, dynamics and structure).

Throughout the term, we will explore how composers use music to communicate characters, settings, and moods, identifying and exploring techniques such as leitmotifs used by film composer, John Williams. The term ends with an opportunity to compose, notate and perform! From a choice of activities exploring graphic and standard notations, we will create film soundtracks, leitmotifs, sound-effect rhythms or perhaps try a musical rollercoaster ride!