

Summer Term

It has been a pleasure to welcome back the children after the Easter break. There are many exciting events this term including our year group visit to the Shipley Art Gallery and our sports week.

This term, we will continue 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.

In Summer 2 we will meet our Year 6 teachers and take part in transition activities in preparation for Year 6.

Year 5 Key Information

The school day begins with a soft start from 8.40am, with registration at 8.50am. Year 5 finish at 3.30pm.

P.E. Outdoor PE will be on a Monday (both classes) and indoor on Wednesday (5B only). Children come into school wearing the correct PE kit of a white t-shirt and black shorts on these days. No jewellery or watches please.

Swimming is on Wednesday afternoon for 5R only. Children will come to school in normal uniform. To help stop children becoming too cold after swimming, could children bring in a coat to wear for their return back to school. No jewellery or watches please for swimming.

Home Learning

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

Spellings Spellings are set on a Friday, to be revisited in school the following Tuesday.

Maths and English This homework will be set in their CGP workbook on a Friday, to be completed by the following Wednesday.

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

Year 5 Curriculum Overview Summer Term

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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 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 explore the spelling list for year 5 with your child at home, by not only discussing the spelling rules, but also the meaning of the words; this will enable the children to learn to use them in context. These spellings can be found in their home learning books. The children 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!

As mathematicians, Pupils will continue to develop their knowledge of fractions including addition, subtraction and multiplication of proper and improper fractions with whole numbers. Pupils will know and use the vocabulary fractions, unit fractions, improper fractions, whole and parts. Children will know angles are measured in degrees; estimate and compare acute, obtuse and reflex angles. Pupils will draw given angles and measure them in degrees ($^{\circ}$).

Pupils will identify: angles at a point and one whole turn (total 360°), angles at a point on a straight line and $\frac{1}{2}$ a turn (total 180°), other multiples of 90° . Pupils will compare angles, estimate and measure angles in degrees ($^{\circ}$) and draw angles of a given size. Pupils will solve problems, involving reasoning about shapes and their properties.

Pupils will convert between different units of metric measure (e.g. kilometre and metre; centimetre and metre; centimetre and millimetre; gram and kilogram; litre and millilitre) using knowledge of place value.

As a Linguist, we will develop our understanding of spoken and written English. Using the 'Talk for Writing' strategy, we will focus on a range of written genres, including: fiction, non-fiction and poetry. We will be developing ambitious vocabulary using experience days for each module, role play in groups and independent research. We will be writing using ambitious language and grammatical features in line with Year 5 expectations and consider the audience. We will organise and structure our writing using the correct layout for a particular genre. At the end of the unit, pupils will understand that we edit to improve our writing to ensure it is the best version of our work. This term we will be studying a variety of different texts including a portal story and a fact file.

During Guided Reading, we will be using our Reading Plus programme to explore a range of genres and authors in order to identify different text structure and author's intent. We will learn how to use specific evidence to support our answers and develop our reasoning skills. During lessons, we will evaluate the authors' choice of language and the effect on the reader. At the end of the day, we will share and enjoy our class novel read by our teacher to promote a lifelong love of reading.

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Year 5 Curriculum Subject Coverage

As a Scientist, we will learn about world-renowned male and female scientists (from different multi-cultural backgrounds) from past and present. We will explore careers in science and discuss the skills and attributes required. Through our topic 'unbalanced forces', we will explore; gravity, friction, air resistance, water resistance and mechanisms. This topic will expand our understanding of the physical world in which we live and allow students to engage in scientific conversation about how the world works.

As well as this we will explore the properties and changes of materials. Including concepts, including conductivity, hardness, transparency and the suitability of materials for different uses. We will also look at human timeline and look at how humans change as they grow.

In **Computing,** Year 5 this term will develop their understanding of computer systems and how information is transferred between systems and devices. Pupils will consider small-scale systems as well as large-scale systems. They will explain the input, output, and process aspects of a variety of different real-world systems. Pupils will continue to use technology safely, respectfully and responsibly; recognise acceptable/ unacceptable behaviour; identify a range of ways to report concern about content and contact.

Our study of a **Modern Foreign Language** takes us to China, where 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 begin to learn how Chinese characters are written and to read pinyin. We will learn about a variety of topics including, food, clothing, colours and animals.

As Geographers, children summarise characteristics of a hot desert biome, describing the climate and weather and will be able to give examples of plants and animals that live in a hot desert. Children will be locating global deserts with a closer look at the location and features of the Mojave Desert. Children will be able to list some of the environmental threats to deserts, describe how human activity may negatively impact a desert environment and weigh up the benefits and drawbacks of living in a desert environment.

DT – This term we will be studying textiles and sewing our own stuffed toy. We will practise our design skills, measuring, cutting fabric and sewing including sewing a button securely.

Art – In art, we will be studying architecture. We will sketch buildings and look at their design. We will supplement our previous work on portraits with a visit to the Shipley Art Gallery to study their portrait collections and to observe the architecture of the buildings en-route.

Within our **religion and worldview lessons**, we will study pilgrimages and significant places across several different religions and worldviews. We will also study key beliefs of the Dharmic (Hinduism, Sikhism, Buddhism) religions and compare and contrast these with what we already know about the Abrahamic religions (Christianity, Judaism, Islam).

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Year 5 Curriculum Subject Coverage

As Musicians, children will explore songs and musical activities to develop understanding of the inter-related dimensions of music and musical vocabulary. Our topic this term is Children will explore creative listening activities, learning to about a variety of different genres and musical forms. We will be expressing colour through composition focussing on Holi festival and studying mixing and looping to create layered compositions.

As Global Citizens, children will be learning about how to be a responsible citizen through learning about our government. We will learn about how our government is structured, why we have laws and how they are made. In the second part of the term we will look at budgeting and how to manage finances.

Within P.E. Year 5 will be taking part in athletics and cricket/rounders. We will practise our skills at throwing and catching, fielding and bowling as well as an array of track and field athletic events in preparation for our sports week. 5R will continue their swimming lessons throughout the summer term and will continue to develop their technique for all strokes and will learn about water safety.