







Curriculum Overview for Parents and Carers





Year 5




Autumn Term

This term we will be learning the following things. Here are some useful hints and tips for helping at home!

	Overview of Learning	Ideas for Learning at Home
English 	<p>Flotsam and Town Is by the Sea: For our first unit, Year 5 will be inspired by picture books for their writing. They will recap and develop skills learned in Year 5 to write a blog style recount, a persuasive speech, and a narrative which has a clear narrative voice.</p> <p>The Explorer: In Autumn 2 our writing will be inspired by our class novel from Autumn 1, The Explorer by Katherine Rundell. They will extend their narrative skills by studying what makes an adventure narrative, before writing their own. They will also be inspired by characters in the story to write a letter style recount. Their non fiction pieces will be a non chronological report inspired by the setting of The Explorer, and a procedural text to develop their instructional writing.</p>	<p>Children should be reading at least three times a week at home. Continue to encourage your child to read a wide range of age-appropriate books to work on developing their vocabulary and understanding. Talk about words they are unfamiliar with and try to use them in a range of contexts.</p> <p>Ask your child about the class novel – are they enjoying about the book? Who is their favourite character and why? What they think is going to happen next?</p>
Maths 	<p>Place Value: Understanding the place value of numbers within 1 million. Rounding numbers to the nearest 10, 100, 1000, 10,000 and 100,000. Place value and finding the difference using negative numbers. Interpreting roman numerals.</p> <p>Addition and Subtraction: Column addition and subtraction with numbers up to 6 digits. Rounding to estimate and approximate. Using the inverse operation. Solving problems with multiple steps.</p> <p>Fractions: Compare and order fractions whose denominators are all multiples of the same number. Identify, name and write equivalent fractions of a given fraction, represented visually, including tenths and hundredths. Recognise mixed numbers and improper fractions and convert from one form to the other. Add and subtract fractions with the same denominator and denominators that are multiples of the same number. Multiply proper fractions and mixed numbers by whole numbers, supported by materials and diagrams.</p> <p>Multiplication and Division: Learning to understand multiples, factors, prime numbers, square numbers and cube numbers. Multiplying and dividing by 10, 100 and 1000.</p>	<p>It is vital that the children continue to be confident with their times tables. Please encourage them to keep practising at home – TTRockstars is a fun way to keep times tables fresh!</p>

<p>Science</p> 	<p>Earth and Space: During this science topic, Year 5 will be learning about our solar system. They will be able to describe the shape and position of the sun, planets, and our moon. They will learn how the moon orbits earth and how the light from the sun causes different moon phases, and how our orbit of the sun causes night and day. They will also learn how our ideas about the solar system have developed through history.</p> <p>Material World: In this topic Year 5 will build on their prior knowledge of a range of materials and their properties. They will learn about reversible and irreversible changes such as dissolution, separation, and evaporation. They will learn how being heated, cooled, mixed etc can alter the properties of materials. They will also consider what changes happen in everyday situations.</p>	<p>What can your child tell you about space? Maybe you could make some observations together of the stars, the moon phases, or the sun as the earth moves through the day.</p> <p>Can your child identify any changes to materials at home? Perhaps when cooking or making a hot drink you could talk through the process of what is happening to the different materials.</p>
<p>History</p> 	<p>This term, our history focus will be Ancient Maya. The children will be able to locate this civilisation in time and place and be able to mention at least 3 iconic features associated with it. They will also be able to identify some of the key features of Maya cities, and have an understanding of the social hierarchy and how it impacted daily life. They will learn about their gods and their beliefs, and we will explore why the ancient Maya were such clever, creative people.</p>	<p>Can your child tell you any facts about Ancient Maya? Can they explain any similarities or differences in beliefs?</p>
<p>Geography</p> 	<p>During the autumn term, Year 5 will be learning about North and Central America. The class will locate the continent of America and identify the main countries and capital cities. They will also identify the major physical features and explore facts and statistics about the human geography. The children will continue to use atlases and digital maps during their geography lessons, extending their knowledge of how to use these resources effectively. They will look at the products from both North and Central America and compare them, discussing how the climate has an impact on what can be grown.</p>	<p>If you have an atlas at home, maybe your child could use this to explore the different characteristics of America in more detail. If not, they could use Google Maps.</p>
<p>Art & Design</p> 	<p>This term our art will have a focus on drawing, and we will be studying art inspired by flowers and plants. Drawing inspiration from William Morris, Georgia O’Keeffe, and Katie Scott, Year 5 will experiment with different drawing techniques and art pencils, and have the opportunity to do observational drawing of plants and flowers. They will then design their own piece inspired by the artists they have studied and the techniques they have learned. They will finally have the opportunity to evaluate their own work, and that of their peers.</p>	<p>Observe flowers and plants and look at the textures and patterns – perhaps even do some observational drawings of your own! Children could also do some research to find other artists who have been inspired by flowers and plants.</p>

<p>Design & Technology</p> 	<p>In DT we will be doing food technology, looking at a balanced diet, where food comes from, and the importance of seasonality. The children will understand how to keep safe and healthy while preparing food. We will look at food from Central America, particularly focusing on what the Ancient Maya used to eat, and we will design and create our own dishes based on our learning. We will also be investigating the treat famously enjoyed by the Ancient Maya – chocolate!</p>	<p>Perhaps you could involve your child in preparing some food. They could even use their knowledge about Mayan food to help you plan a Mayan inspired meal, or tell you about what they can do to prepare food safely.</p>
<p>RE</p> 	<p>Islam: The class will learn some key aspects of Islam, exploring what it means to be a Muslim in Britain today.</p> <p>Christianity: We will be looking at Christian beliefs about God, and explore what it means if Christians believe God is holy and loving.</p>	<p>Can your child tell you any facts about Islam? What are the five pillars of Islam?</p> <p>Discuss Christian beliefs about God, and how this impacts their behaviour.</p>
<p>PE</p> 	<p>PE will be on Thursday afternoons. In our PE lessons over the course of the term, the class will be learning with teachers and coaches. They will focus on invasion and ball skills in their units on football and rounders. Later in the term they will develop their badminton and rugby skills.</p>	<p>Children could practise their new skills at home, or explain the rules of the sport to you. Please ensure that your child remembers to bring their PE kit and a water bottle every Thursday. We will be outside in all weathers (within reason) so appropriate clothing is essential.</p>
<p>PSHE</p> 	<p>One of the PSHE focuses during the autumn term will be considering the following question – ‘What makes up our identity?’. Through this we will explore how different characteristics and qualities make up our identity. The children will learn to understand that we all have personal attributes and qualities and to recognise and respect similarities and differences. Children will be encouraged to consider what a stereotype is and how it can have a negative influence on our attitude and behaviour towards somebody.</p> <p>Another PSHE topic this term will be will be puberty and how our bodies change during puberty. As well as discussing the physical changes, the children will also explore how puberty can affect emotions and feelings. They will understand how personal hygiene routines may change during puberty and how to ask for advice and support during this time.</p>	<p>Encourage your child to ask for help or support if they are struggling with any of the topics covered this term, particularly linked to puberty and the changes they will go through during this time in their lives.</p>

<p>Music</p> 	<p>This year, the children will be developing their skills in reading music and playing brass instruments. This will be led by the Durham Music Service. They will be listening carefully to each other's performances and offering helpful feedback. Later in the term, they will be exploring harmony in singing. Once a week, the children will be part of a singing assembly where they will learn about the dimensions and genres of music, and learn songs from different genres, and songs linked to our school values.</p>	<p>Discuss music with your child when you listen to it, asking about what they can hear. Ask your child to share our songs with you and enjoy them together.</p>
<p>Computing</p> 	<p>For our Digital Literacy focus this half term, we will be exploring Purple Mash, a new resource for computing with a huge range of uses. We will develop our coding skills, learn how to navigate and use spreadsheets, and continue to embed our knowledge about staying safe online.</p>	<p>Can your child tell you the important rules of being a good 'digital citizen'? Where can they spot real world examples of coding?</p>
<p>French</p> 	<p>In French we will be learning vocabulary associated with school, the weather, family and friends, and numbers. We will also learn some facts about France, and later in the term we will learn a French Christmas carol.</p>	<p>Can your child tell you any of the words or phrases that they have been learning in French? Why not sign up to Duolingo to help your child learn French? https://www.duolingo.com/</p>

Within school we have 6 values: **Kindness, Respect, Resilience, Fairness, Teamwork** and **Ambition**.
These are interwoven through our curriculum and everyday practice.