



**Autumn Term Learning  
Year Five**

<p>Week beginning:</p> <p>TAD days – Monday 2<sup>nd</sup> September &amp; Tuesday 3<sup>rd</sup> September</p> <p>Wednesday 4<sup>th</sup></p> <p>Thursday 5<sup>th</sup> September – class meetings at 3pm.</p> <p>Value of the month: Trust</p>	<p>This week we will be settling into Year 5 and our class routines, discussing the expectations for the year ahead, the golden rules and creating a class contract, as well as getting to know each other.</p> <p>In <b>English</b>, we will write a letter to our future selves, thinking about what the children hope to achieve personally and academically in year 5. We will begin reading our key text <i>Honesty &amp; Lies</i>.</p> <p>In <b>Maths</b>, we will recap some key addition and subtraction skills, play times table games, and start thinking about our work on place value.</p>
<p>Monday 9<sup>th</sup> September</p> <p>Thursday 12<sup>th</sup> September – Robin class begin swimming this term.</p> <p>Week 1</p>	<p>In <b>English</b>, we will be learning about explanation texts. This links to our history unit about <b>The Tudors and how they rose to power</b>. We will focus on specific vocabulary, conjunctions and building compound sentences.</p> <p>In <b>History</b>, we begin our historical enquiry into ‘How did the Tudor dynasty come to rule Britain and how did they hold on to power?’ Children will explore who The Tudors were, what made them successful, their lifestyle, choice of entertainment, fashion and the culture they created.</p> <p>In <b>Maths</b>, we will begin our work on the unit of place value. Children will revisit their learning about Roman Numerals, before learning about numbers to 10,000, 100,000 and then 1,000,000. Children will represent these numbers with concrete materials, with pictorial representations and in abstract forms.</p> <p>In <b>Science</b>, we will start our Autumn term learning our <b>properties and changes in materials</b>. Our scientific enquiry will begin with children retrieving what they know already. Following this, we will compare, and group together everyday materials based on their properties, including their hardness, solubility, transparency and conductivity. Children will compare and group together everyday materials based on evidence from comparative and fair tests and look to use this knowledge to design a scientific enquiry around conductivity.</p>
<p>Monday 16<sup>th</sup> September</p> <p>Week 2</p>	<p>In <b>English</b>, we will continue our learning about explanation texts.</p> <p>In <b>Maths</b>, we will continue our work on place value. Children will read and write numbers to 1,000,000, writing in numerals and words. Children will also explore the powers of 10, using a Gattegno chart to aid their working. We will also look at finding 10/100/1,000/10,000/100,000 more or less of a number and beginning to partition numbers to 1,000,000.</p>

	<p>In <b>Science</b>, we will continue with our enquiry into the thermal conductivity of certain materials and focus on which material would be most suitable to keep a cup of coffee hot. Children will learn to take measurements, using a range of scientific equipment, with increasing accuracy and precision</p> <p>In <b>History</b>, we will explore more about The Tudors.</p>
<p>Monday 23<sup>rd</sup> September</p> <p>Week 3</p>	<p>In <b>English</b>, we will be looking at historical fiction based on the story <i>Honesty and Lies</i>. Our chosen fiction will help children to further explore the Tudor period and enlighten them different experiences. Children will be learning about various literary devices to help them write an exciting and engaging adventure narrative as Tudor.</p> <p>In <b>Maths</b>, we will continue with our unit of place value. We will explore numbers on up to 1,000,000 on a number line, use our knowledge of place value to compare and order numbers to 1,000,000 and finally developing our ability to round to the nearest 10, 100 or 1,000.</p> <p>In <b>Science</b> our focus will learning that dissolving, mixing and changes of state are reversible changes. The lesson will ask pupils to retrieve knowledge from Y4 about changes of state and address any misconceptions. Pupils will investigate that some materials will dissolve in liquid to form a solution and use scientific enquiry and research to carry out this investigation.</p> <p>In <b>History</b>, we will continue to learn about The Tudors. Children will look at aspects of Tudors beliefs and rituals as well as what life was like in that period.</p>
<p>Monday 30<sup>th</sup> September</p> <p>Friday 4<sup>th</sup> October – Swift Class assembly</p> <p>On Thursday 3<sup>rd</sup> October there will no swimming for Robin class due to pool closure for training.</p> <p>Value of the month: Creativity</p> <p>Week 4</p>	<p>In <b>English</b>, we will use our time to rehearse our class assemblies. We will focus on ensuring we read aloud confidently and with expression. We will also continue our writing around our core text <i>Honesty and Lies</i>.</p> <p>In <b>Maths</b>, we will conclude our work on place value. The children will round numbers within 100,000, before rounding within 1,000,000. We will conclude with exploring roman numerals and how they can be represented.</p> <p>In <b>Science</b>, we will be investigating how a material dissolves to form a solution and what impacts this. Children will use scientific enquiry and research to carry out this investigation</p> <p>In <b>History</b>, we will conclude our unit of work on the Tudors.</p>
<p>Monday 7<sup>th</sup> October</p> <p>Friday 11<sup>th</sup> – Robin Class assembly</p> <p>Week 5</p>	<p>In <b>English</b>, we will use continue to our time to rehearse our class assemblies. We will focus on ensuring we read aloud confidently and with expression. We will also continue our writing around our core text <i>Honesty and Lies</i>.</p> <p>In <b>Maths</b>, we will begin our work on addition and subtraction. Children will develop mental strategies to add and subtract, then add and subtract whole numbers with more than four digits and use rounding to check their answers.</p> <p>In <b>Science</b>, we will devise our investigations to find out which materials conduct electricity. Children will discuss what material makes a good thermal conductor compared to other.</p> <p>In <b>Design Technology</b>, we will be creating a wooden picture frame that can free stand. The children will learn how to accurately measure and cut wood, how to join two pieces</p>

	of wood together and how to strengthen a join, create detailed and annotated sketches in the design phase before evaluating the product against the design brief.
Monday 14 <sup>th</sup> October  Friday 18 <sup>th</sup> October – Swan Class assembly  Week 6	<p>In <b>English</b>, we will be exploring poetry in the form of cinquain poetry. We will look at various cinquain poems including works by Adelaide Crapsey (<i>November Night, Snow, Winter</i>) and John Foster (<i>Blackbird, The in the late Autumn, Mirror</i>). Children will focus on the structure of syllables of cinquain poetry before attempting to write their own pieces.</p> <p>In <b>Maths</b>, we continue with our addition and subtraction unit of work using inverse operations to check addition and subtraction calculations, look at multi-step addition and subtraction problems, compare calculations and find missing numbers in addition and subtraction calculations.</p> <p>In <b>Science</b>, Children will use their knowledge of solids and liquids to decide how mixtures might be separated. This will be explored through filtering, sieving and evaporating.</p> <p>In <b>Design Technology</b>, we will continue with our project.</p>
Monday 21 <sup>st</sup> October  Friday 25 <sup>th</sup> October – Last day of term.  Week 7	<p>In <b>English</b> this week, children will create some work for our upcoming displays. Children will discuss and explore some of their favourite authors and illustrators and write about them. In addition, children will create pieces of art to accompany their writing.</p> <p>In <b>Maths</b>, we will conclude our addition and subtraction unit of work. This will involve consolidation of calculations revision of effective strategies.</p> <p>In <b>Science</b>, we will revisit and recap our knowledge from our unit of work around Properties and Changes of Material.</p>

### Wider Curriculum

In **Reading (DR)**, the children will use our core text of *Honesty and Lies* to explore the reading skills of prediction, inference, questioning, clarifying, summarising, and evaluating. We will explore non-fiction texts where appropriate and links to our wider curriculum.

In **Music**, the children will be learning about African drumming. Children will explore the playing technique, playing as an ensemble, polyrhythms and call and response.

In **PE** lessons with the class teacher, the children will be learning about team games, with the focus split between tag rugby and Football. With PE staff, children will be learning about team games, with the focus split between basketball and netball. Robin Class will be swimming.

In **Computing**, we will be covering the unit of work Computing systems and networks - Systems and searching. In this unit, children will develop their understanding of computer systems and how information is transferred between systems and devices.

In **PSHE** children will start a unit of work called *Being in my world*. This will delve deeper into how manage personal challenges and how to embrace this positively. Children will learn to understand they benefit the school and the strong pupil voice they have.

<p>In <b>French</b>, we will be learning how to talk about pets.</p>	
<p><b>Half Term</b></p>	
<p>Monday 4<sup>th</sup> November</p> <p>Value of the month: Hard work.</p> <p>Week 1</p>	<p>In <b>English</b>, we will begin learning about report writing. This will be in the form of an information leaflet and will make wider links to our foundation subjects.</p> <p>In <b>Maths</b>, we will start our unit on multiplication and division. Children will explore multiples, finding sets of multiples of given numbers and make generalisations about them and then finding common multiples of a set of numbers. Furthermore, children will look at factors and common factors of numbers.</p> <p>In <b>Science</b>, we will begin studying how some actions can lead to irreversible changes, such as the changes associated with burning and the action of acid on bicarbonate of soda.</p> <p>In <b>Geography</b>, we will learn about where the famous landmarks of Europe are. We will locate and name the most well-known European cities and their respective landmarks. Children will use their map and research skills to identify and learn about the cities and landmarks.</p>
<p>Monday 11<sup>th</sup> November</p> <p>Switch off Fortnight.</p> <p>Week 2</p>	<p>In <b>English</b>, we will be studying non-chronological report writing. Children will be working towards writing a report about Spain. Children will focus on the features of report writing, collecting information through independent research, using opening topic sentences, co-ordinating &amp; causal conjunctions, and relative clauses.</p> <p>In <b>Maths</b>, we will continue with our multiplication and division unit. Children will explore prime, square and cube numbers.</p> <p>In <b>Science</b>, we will continue with our investigation into irreversible changes. Children will test to see what new products can be formed and if a change of state occurs.</p> <p>In <b>Geography</b>, we will continue with our work on European cities and landmarks. Children will explore and research the well-known mountain regions and rivers of Europe. Children will be able to name and locate them, as well as recall facts about them.</p>
<p>Monday 18<sup>th</sup> November</p> <p>Road Safety week</p> <p>Week 3</p> <p>Wednesday 20<sup>th</sup> November: Parents Evening 5-7:30pm</p> <p>Thursday 21<sup>st</sup> November: Parents Evening 4-6:30pm</p>	<p>In <b>English</b>, we will be studying non-chronological report writing. Children will be working towards writing a report about Spain. Children will focus on the features of report writing, collecting information through independent research, using opening topic sentences, co-ordinating &amp; causal conjunctions, and relative clauses.</p> <p>In <b>Maths</b>, we conclude our multiplication and division unit by multiplying and dividing numbers by 10, 100 and 1,000 and then use knowledge of factors to break a calculation down into a series of easier calculations. For example, to multiply by 200, they write <math>200</math> as <math>2 \times 100</math> and then multiply by 2 and by 100.</p> <p>In <b>Science</b>, children will experiment that some changes result in the formation of a new material. This will involve some cooking and baking.</p> <p>In <b>Geography</b>, we will continue with our unit of work on European landmarks. Children will research to know the specific features of one European country, to allow them to</p>

	<p>make comparisons with the UK. Children will also explore what the European Parliament is and why we have it.</p>
<p>Monday 25<sup>th</sup> November</p> <p>Week 4</p>	<p>In <b>English</b>, we will be exploring suspense writing. The children will write about the 'haunted' Spanish ghost town of Ochate. The children will discover the features of suspenseful writing before writing about a hiking adventure. The children will look to use expanded -ing &amp; -ed clauses, a range of adverbials, varying their sentence length as well as more complex punctuation such as ellipsis.</p> <p>In <b>Maths</b>, we will begin our unit of work on fractions. Children will find fractions equivalent to a unit fraction and non-unit fraction, before recognising equivalent fractions. We will also look at converting improper fractions to mixed numbers.</p> <p>In <b>Science</b>, we will be studying reversible and irreversible changes. Children will understand what the terms mean and give examples. This week children will investigate how and what liquids can lead to rusting.</p> <p>In <b>Geography</b>, we will conclude our unit of work by creating a board game based on European cities and landmarks. Children will use their knowledge they have gained and further research to work in groups to design, make and evaluate their board game creation.</p>
<p>Monday 2<sup>nd</sup> December</p> <p>Week 5</p> <p>Value of the Month: Courage</p> <p>Year 5 SEND meetings to be held on Tuesday 3<sup>rd</sup> December and Wednesday 4<sup>th</sup> December</p>	<p>In <b>English</b>, we will continue with our work on suspense writing. The children will write about the 'haunted' Spanish ghost town of Ochate. The children will discover the features of suspenseful writing before writing about a hiking adventure. The children will look to use expanded -ing &amp; -ed clauses, a range of adverbials, varying their sentence length as well as more complex punctuation such as ellipsis.</p> <p>In <b>Maths</b>, we will continue with our fraction's unit. Children will convert mixed numbers to improper fractions, compare and order fractions less than 1 and then the same process with fractions that are greater than 1.</p> <p>In <b>Science</b>, <b>children</b> will report and present their findings from their experiments and scientific enquiries.</p> <p>In <b>Art</b>, we will look 3D sculptures through the work of Sokari Douglas Camp. The children will explore the different sculptures she has made, techniques use and the messages behind them. Children will also compare her work with the artist Tamara Kvesitadze.</p>
<p>Monday 9<sup>th</sup> December</p> <p>Week 6</p>	<p>In <b>English</b>, children will be learning to edit and 'publish' their suspense writing. Children will work on feedback to improve their writing before writing it up in best and creating a front cover for their work.</p> <p>In <b>Maths</b>, we will remain with the unit of fractions. Children will add &amp; subtract fractions with the same denominator, add fractions within 1, add fractions with a total that is greater than 1 and add a value to a mixed number.</p>

	<p>In <b>Science</b>, children will consolidate their learning from this unit of work and engage in retrieval quizzes to remember their learning.</p> <p>In <b>Art</b>, we will be sketching design for our own Sokari Douglas Camp inspired sculpture. The children will then use their designs to create their sculpture using media such as wire, tin foil, and fabric.</p>
<p>Monday 16<sup>th</sup> December</p> <p>Week 7</p> <p>Last day of term Friday 20<sup>th</sup> December</p>	<p>In <b>English</b>, we will be looking at various pieces of performing poetry. Children will read various poems, view performances, and analyse what makes them effective. Children will then aim to build performing a piece of their own poetry around the theme of Christmas / Winter.</p> <p>In <b>Maths</b>, we will conclude our unit on fractions. Children will add two mixed numbers before moving to subtraction. We will look at subtracting fractions, subtracting from a mixed number, and subtracting two mixed numbers.</p> <p>In <b>Science</b> we will be creating a poster presentation to collate their knowledge of their findings and understanding on properties and changes in materials.</p> <p>In <b>RWE</b>, we will be studying the key question of ‘How do we make moral choices?’ Children will explore how religious and other beliefs affect approaches to moral issues. We will focus on the religions of Christianity and Hinduism to help with our learning. Children will investigate through research and discussion about what are moral questions? What are the consequences of the moral choices we make? And what people and organisations help in making moral choices?</p>

#### Wider Curriculum

In **Reading (DR)**, the children will use our core text of *Skellig* to explore the reading skills of prediction, inference, questioning, clarifying, summarising, and evaluating. We will explore non-fiction texts where appropriate and links to our curriculum and science learning.

In **Music**, the children will be singing and rehearsing for the Christmas concerts later in the term. Children will focus on harmony and vocal technique.

In **PE** lessons with the class teacher, the children will develop their skills on dodgeball and bench ball. With PE staff, children will be exploring indoor athletics. Robin Class will be swimming.

In **Computing**, we will explore the unit of Creating media - Video production. Children will understand different aspects of filming before making a short video to advertise the country of Spain. Children will edit and review their video before watching their final piece.

In **PSHE**, we children will begin a unit about celebrating difference. This will involve learning about cultural differences and understanding their own culture.

In **French**, we will be learning how to talk about the date.

#### Supporting Learning at Home

Please make sure that you spend time reading with your child at home. As well as listening to your child read, we recommend reading aloud to your child as a regular story time session. Please help your child practise their weekly spellings and help them practise their number bonds and/or times tables. Homework is set on Fridays and is due on Wednesdays. You may wish to use this overview to see what your child is learning each week so that you can discuss this learning with your child at home.

