



Autumn Term Learning Year Five

Week beginning:	
TAD - Wednesday 2nd September Thursday 3rd September children return to school Parent meeting Friday 4th	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. In English, 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 also start reading our key text of <i>Honesty and Lies</i> In Maths, we will recap some key addition and subtraction skills, play times table games, and start thinking about our work on place value.
Monday 7 th September	In English, we will focus on identifying and writing adverbs in compound and complex sentences In Maths, we will begin our work on the unit of place value. Children will explore 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. In Science, we will start our Autumn term learning our properties and changes in materials. 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 of the materials heat. In History, 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.
Monday 14 th September	In English, we will focus on identifying relative pronouns and relative clauses within sentences In Maths, 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. In Science, we will continue with our enquiry into the thermal conductivity of certain materials that would make best use to keep a cup of coffee hot. In History, we will explore more about the Tudors
Monday 21st September	In English, 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

Wednesday 23rd September - Tower of London trip	them with different experiences. We will be adding a relative clause to the end of a main clause to make a complex sentence In Maths, we will continue with our unit of place value. We will explore numbers 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 develop our ability to round to the nearest 10, 100 or 1,000. In Science, we will be finishing with our enquiry into the thermal conductivity of certain materials that would make best use to keep a cup of coffee hot. This will include writing up the scientific thinking and presenting our results in graphs and tables. In History, we will continue to learn about the Tudors
Monday 28th September Friday 2nd October – Swan assembly	In English, 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 diary entry writing around our core text <i>Honesty and Lies</i>. We will be looking at embedding a relative clause within a main clause to make a complex sentence. And embedding a relative clause into a compound sentence In Maths, 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. In Science, 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 In History, we will conclude our unit of work in the Tudors.
Monday 5th October Friday 9th October – Robin assembly	In English, 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 diary entry writing around our core text <i>Honesty and Lies</i>. We will be looking at embedding a relative clause within a main clause to make a complex sentence. And embedding a relative clause into a compound sentence In Maths, 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. In Science, we will be continuing with 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. In Design Technology, we will be making a wooden picture frame that can free stand. The children will learn how to accurately measure and cut wood, how to join two pieces 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 12th October Friday 16th October – Swift assembly	In English, 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 diary entry writing around our core text <i>Honesty and Lies</i>. We will be looking at embedding a relative clause within a main clause to make a complex sentence. And embedding a relative clause into a compound sentence

	In Maths, we will conclude 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. In Science, Children will investigate what materials are soluble and insoluble through fair and comparative testing. In Design Technology, we will be making a wooden picture frame that can free stand. The children will learn how to accurately measure and cut wood, how to join two pieces 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 19th October	In English, we will be using all of the skills that we have learnt so far this term in writing based on the Tudors In Maths, 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. In Science, we will be studying further into what solutions and mixtures, how they come to be made and the difference between them.
Wider Curriculum In Reading (DR), Honesty and Lies 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. Swift 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, we will be covering the following units: junk food, nutritional values, the human body, and caffeine – helpful or harmful? In French, we will be learning how to talk about pets.	
Half Term	
Monday 2nd November	In English, we will be identifying and writing expanded noun phrases In Maths, we will continue with our multiplication and division unit. Children will explore prime, square and cube numbers. In Science, we will explore and show how to recover a substance from a solution. Children will also look to demonstrate how some materials can be separated (e.g., through filtering, sieving, and evaporating). In Geography, 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.

Monday 9th November	In English, we will be using brackets to add additional information (parenthesis) to a noun within a sentence In Maths, 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 200 as 2×100 and then multiply by 2 and by 100. In Science, we will continue with our work in exploring and showing how to recover a substance from a solution Also, demonstrating how some materials can be separated (e.g., through filtering, sieving, and evaporating). In Geography, 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.
Monday 16th November	In English, we will be using brackets to add additional information (parenthesis) in the form of an expanded noun phrase within a sentence. In Maths, 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. In Science, we will be studying reversible and irreversible changes. Children will understand what the terms mean and give examples In Geography, 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 make comparisons with the UK. Children will also explore what the European Parliament is and why we have it.
Monday 23rd November 25th and 26th – Parents' evenings	In English, we will be substituting brackets for commas and dashes when adding parenthesis In Maths, 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. In Science, we will continue to explore reversible and irreversible changes. Children will carry out enquiries to demonstrate that some changes are reversible and some are not. In Geography, 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.
Monday 30th November	In English, we will use the grammatical skills that we have mastered this term to produce a report- <i>Where and what are the famous landmarks in Europe?</i> In Maths, we will remain with the unit of fractions. Children will add & 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.

	In Science, we will explore further irreversible changes in materials. Children will investigate how some changes result in the formation of a new material and that this is usually irreversible, for example burning and rusting. In Art, we will be learning about surrealism, exploring Leonora Carrington as our artist of inspiration. We will also explore the work of Man Ray in comparison, noticing similarities and differences. Children will use watercolour paint to create pieces of art of surreal animals and landscapes. Children will explore using appropriate brush strokes, demonstrate a secure knowledge of primary, secondary, warm, cold, complimentary, and contrasting colours and experimenting with tone and tints to enhance the mood of the piece.
Monday 7th December	In English, we will use the grammatical skills that we have mastered this term to produce a report- <i>Where and what are the famous landmarks in Europe?</i> In Maths, 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. In Science, we will continue with our work on irreversible changes in materials. Children will investigate how some changes result in the formation of a new material and that this is usually irreversible, for example burning and rusting. In Art, we will be learning about surrealism, exploring Leonora Carrington as our artist of inspiration. We will also explore the work of Man Ray in comparison, noticing similarities and differences. Children will use watercolour paint to create pieces of art of surreal animals and landscapes. Children will explore using appropriate brush strokes, demonstrate a secure knowledge of primary, secondary, warm, cold, complimentary, and contrasting colours and experimenting with tone and tints to enhance the mood of the piece.
Monday 14th December 15 th and 16 th Y5&6v Christmas Concerts	In English, we will use the grammatical skills that we have mastered this term to produce a report- <i>Where and what are the famous landmarks in Europe?</i> In Maths, we will consolidate our learning from this term, recapping, revising, and tackling misconceptions. In Science, we will be creating a poster presentation to collate their knowledge of their findings and understanding in the final lesson of our unit on properties and changes in materials. In RWE, 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?
Wider Curriculum In Reading (DR), the children will use our core text of <i>Skellig</i> 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 in bench ball. With PE staff, children will be exploring indoor athletics. Swift 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 will be covering the units: keeping my body the same, my body changes, autism – neurodivergence, expressing love differently as you grow, what is marriage.

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.