



Summer Term				
SUBJECT	YEAR 7		YEAR 8	
English & History	<p>Dystopia</p> <p>I will learn about</p> <ul style="list-style-type: none"> • How tension is built up in fiction. • Using techniques that I have seen used in books that I have studied. • Writing clear, interesting and easy-to-follow instructions. • Analysing the relationships between characters in a text. <p><i>This will help me recognise and use other techniques from my personal reading, as well as to give simple yet detailed instructions. As I move towards the end of my first year in Key Stage 3, I will also practise responding to questions about text extracts that I haven't studied in advance.</i></p>	<p>A Midsummer Night's Dream</p> <p>I will learn about</p> <ul style="list-style-type: none"> • One of William Shakespeare's more famous plays, understanding how different characters' stories are interwoven into the narrative. • Contrasting formal and informal writing through my linguistic and grammatical choices. • Understanding Shakespeare's language by updating parts of the script into contemporary language. • Varying sentence types and using figurative language to describe imaginatively. <p><i>This will help me as I move towards using pre-GCSE skills, using and explaining specific quotes from Shakespeare. It will also help me understand where a lot of modern English sayings come from!</i></p>	<p>The Tell-Tale Heart</p> <p>I will learn about</p> <ul style="list-style-type: none"> • Descriptive skills that rely less on plot and more on author's narration. • Using advanced rhetorical features to persuade someone to do something. • Selecting and explaining in detail evidence that I believe supports my point of view about a particular text. • A range of gothic and science-fiction stories of various lengths, from this and the last century. • Foreshadowing in literature. <p><i>This will help me appreciate a wide range of literature from different countries, genres and time periods. I will also be able to use my persuasive skills to speak convincingly and passionately about a subject.</i></p>	<p>Romeo & Juliet</p> <p>I will learn about</p> <ul style="list-style-type: none"> • One of William Shakespeare's most famous plays. • How understanding the context of a play can help to understand how it is written. • Considering the reader's perspective when writing non-fiction. • Selecting key quotations from across a text to support explanations about characters. <p><i>This will help me as I move towards GCSEs, as well as to express myself coherently when discussing what I think about texts, films and characters.</i></p>
	<p>The Tudors</p> <p>I will learn about:</p> <p>Core learning</p> <ul style="list-style-type: none"> • Identify how the Tudors came to power during the War of the Roses and the Tudor family tree. • Investigate the reasons why Henry VIII had money problems, his desire for power over the church and his 'Great Matter' i.e. his desire to divorce Catherine of Aragon and marry Anne Boleyn which ultimately led to the act of supremacy. • Understand the religious reformation, the dissolution of the monasteries and the consequences of this as well as the overall impact of the country. • Explain why Queen Elizabeth I is considered a good monarch using source analysis. • Recognise the main events of the Spanish Armada and why it was a 	<p>The Industrial Revolution</p> <p>I will learn about:</p> <p>Core learning</p> <ul style="list-style-type: none"> • Identify when the industrial revolution took place and how it began. • Explain the main changes in Britain between 1750-1900 focusing on transport, economy, trade and society. • Investigate what the working conditions were like during the Industrial Revolution and compare them with today. • Evaluate what life was like during the industrial revolution and how it differed for different classes in society. • Analyse how the industrial revolution impacted on Britain and how it helped to shape the country we have now. <p><i>This will help me appreciate how technology evolved during the industrial period and the importance of this for today's society. It will also show me how our country became more developed and evolved from an agricultural background into an industrial one. Finally, it will</i></p>		



	<p>success.</p> <ul style="list-style-type: none"> Evaluate the importance of the Tudor reign and the implications of this today. <p><i>This will help me understand a different time period in history and give me some background knowledge about our previous royal families. Also, it will help me recognise how the Church of England was established in our country and give me an insight into life during the Tudor times.</i></p>	<p><i>help me appreciate how our working conditions and healthcare has dramatically improved.</i></p>
<p>Maths</p>	<p>I will learn about:</p> <p>Core learning</p> <ul style="list-style-type: none"> use conventional terms and notation: points, lines, vertices, edges, planes, parallel lines, perpendicular lines, right angles. apply the properties of angles at a point, angles at a point on a straight line, vertically opposite angles; understand and use alternate and corresponding angles on parallel line plot graphs of equations that correspond to straight-line graphs generate terms of a sequence from either a term-to-term or a position-to-term rule recognise and use sequences of triangular, square and cube numbers identify, describe and construct congruent and similar shapes <p>Higher learning</p> <ul style="list-style-type: none"> divide a given quantity into two parts in a given part:part or part:whole ratio; express the division of a quantity into two parts as a ratio; apply ratio to real contexts and problem solve problems involving direct and inverse proportion, including graphical and algebraic representations know and apply formulae to calculate: area of triangles, parallelograms, trapezia; volume of cuboids and other right prisms (including cylinders) know the formulae: circumference of a circle = $2\pi r = \pi d$, area of a circle = πr^2; calculate: perimeters of 2D shapes, including circles; areas of circles and composite shapes; surface area and volume of spheres, pyramids, cones and composite solids plot graphs of equations that correspond to straight-line graphs in the coordinate plane; use the form $y = mx + c$ to identify parallel 	<p>I will learn about:</p> <p>Core learning</p> <ul style="list-style-type: none"> plot graphs of equations that correspond to straight-line graphs in the coordinate plane; use the form $y = mx + c$ to identify parallel and perpendicular lines; find the equation of the line through two given points or through one point with a given gradient work interchangeably with terminating decimals and their corresponding fractions (such as 3.5 and $7/2$ or 0.375 or $3/8$) interpret fractions and percentages as operators interpret percentages and percentage changes as a fraction or a decimal, and interpret these multiplicatively; express one quantity as a percentage of another; compare two quantities using percentages; work with percentages greater than 100%; solve problems involving percentage change, including percentage increase/decrease and original value problems, and simple interest including in financial mathematics interpret and construct tables, charts and diagrams, including frequency tables, bar charts, pie charts and pictograms for categorical data use and interpret scatter graphs of bivariate data; recognise correlation and know that it does not indicate causation; draw estimated lines of best fit <p>Higher learning</p> <ul style="list-style-type: none"> calculate and interpret conditional probabilities through representation using expected frequencies with two-way tables, tree diagrams and Venn diagrams use the standard ruler and compass constructions (perpendicular bisector of a line segment, constructing a perpendicular to a given



and perpendicular lines; find the equation of the line through two given points or through one point with a given gradient

line from/at a given point, bisecting a given angle)

- apply the properties of angles at a point, angles at a point on a straight line, vertically opposite angles; understand and use alternate and corresponding angles on parallel lines
- use the basic congruence criteria for triangles (SSS, SAS, ASA, RHS)
- apply the concepts of congruence and similarity, including the relationships between lengths, areas and volumes in similar figures
- recognise, sketch and interpret graphs of linear functions, quadratic functions, simple cubic functions, the reciprocal function $y = 1/x$ with $x \neq 0$
- interpret the gradient of a straight line graph as a rate of change; recognise and interpret graphs that illustrate direct and inverse proportion



<p>Science</p>	<p>Variation and Cells</p> <p>I will learn about:</p> <ul style="list-style-type: none"> • How species differ from each other. • Showing data effectively through scatter graphs. • Identify trends in results. • How inherited and environmental variation occurs • The structure of cells and how animal and plant cells are different and similar. • The function of different parts of the cell. • How cells specialise to perform different roles. <p><i>This unit will help me to understand how multi-cellular organisms are organised and form the basis of my biology knowledge ready for GCSE</i></p>	<p>Cells to Reproduction</p> <p>I will learn about:</p> <ul style="list-style-type: none"> • Reproductive strategies of different organisms, including animals and plants • The development of the foetus in the womb. • • <p><i>This unit will build on knowledge gained in Year 6 and allow me to be able to use my knowledge of specialised cells to explain better the development of beings.</i></p>	<p>Heat and Forces</p> <p>I will learn about:</p> <ul style="list-style-type: none"> • The difference between heat and temperature • How heat energy transfers via conduction, convection and radiation. • Problems with conserving energy. • How forces act in pairs on stationary and moving objects • How to show balanced and unbalanced forces • How to use graphs to show patterns in data • Construction of time / distance graphs and how to calculate speed <p><i>This unit will help me to understand the effects of forces and apply my maths knowledge to explain phenomena.</i> <i>I will also be able to apply my knowledge of particles from Year 7 to explain complex ideas of thermal energy transfers.</i></p>	<p>Magnetism and Light</p> <p>I will learn about:</p> <ul style="list-style-type: none"> • How magnetic fields are arranged around different magnets. • How magnets interact with each other. • How electromagnets work • Describe the transmission of light through different materials. • How to represent the path of light through different materials as ray diagrams. <p><i>This unit will help me to show my understanding of light travelling clearly. I will be able to develop my ideas to explain complex ideas like refraction.</i></p>
<p>Geography</p>	<p>Africa</p> <p>I will learn about:</p> <p>Core learning</p> <ul style="list-style-type: none"> • Understand the geographical features of Africa and the countries it contains. 		<p>China and development</p> <p>I will learn about:</p> <p>Core learning</p> <ul style="list-style-type: none"> • Explore the geographical and physical/ human features of China. • Investigate the population of China and how it has been managed. 	



	<ul style="list-style-type: none"> • Examine the differing perceptions of Africa and explain why they are different. • Identify the causes of conflict in Africa and the impact it has on the people • Recognise the civil war in Sudan and the impact it has had on the population • Explain the need for clean water in Africa and the importance of aid. <p><i>This will help me understand a different country's main physical and human features. It will also show me the contrast between Africa and Britain, highlighting some of the problems a developing country face.</i></p>	<ul style="list-style-type: none"> • Explain how China is governed and their relationship with the rest of the world. Compare and contrast their government system with our own nation. • Identify the Manufacturing industry in China and analyse the advantages and disadvantages. • Investigate how China is developing sustainably. <p><i>This will help me understand a different country's physical and human features comparing these with our own country. It will also give me an insight into development and how a country evolves over time. Finally it will help me reflect on sustainable issues across the globe.</i></p>	
<p>RE</p>	<p style="text-align: center;">Justice, forgiveness and love</p> <p>I will learn about: Core learning</p> <ul style="list-style-type: none"> • Define what justice means and explain just and unjust situations using examples. • Recognise the main qualities which make a good judge. • Explain Christian views on justice exploring different examples from the bible. • Recognise what forgiveness means and why it is sometimes difficult to do. • Understand the importance of forgiveness. • Identify different types of love and how it can be shown in differing forms. <p><i>This will help me to gain knowledge about what justice is and explain why it is a vital part of our court system. Also, it will help me understand why forgiveness and love are two important aspects of our everyday life.</i></p>	<p style="text-align: center;">The Holocaust</p> <p>I will learn about: Core learning</p> <ul style="list-style-type: none"> • Understand when the Holocaust took place in history. • Describe and explain how the Nazis persecuted the Jews in Germany from 1933-1945 • Recognise what was meant by 'The Final Solution' and how this was implicated by the Nazi party. • Analyse the conditions of the death camps and the rights denied by • Determine the overall impact and effect the Holocaust had on the world in the past and present day. <p><i>This will help me to understand the consequences of the Holocaust and reflect on how we should stop such tragic events happening again in our own society and across the world.</i></p>	
<p>Art</p>	<p>Wildlife <i>I will learn about</i></p> <ul style="list-style-type: none"> • British wildlife that are no longer listed in the 	<p>Jackson Pollock <i>I will learn about</i></p> <ul style="list-style-type: none"> • <i>Expressionism.</i> • <i>Artists that create expressive pieces.</i> 	<p>Mo <i>I will learn about</i></p> <ul style="list-style-type: none"> • <i>Impressionism</i> • <i>Monet's life.</i> <p>Nikki Farquharson Portraits <i>I will learn about</i></p> <ul style="list-style-type: none"> • <i>A modern twist on portraiture by looking at two graphic designers.</i>



	<p>English dictionary.</p> <ul style="list-style-type: none"> • Compositional awareness • Use of negative space • Creatively using watercolour paint • Identifying the key features of a composition • Understanding of enhancing pieces with different media. <p>This will help me to learn more about where I live and my surroundings. I will develop knowledge of creating compositions which will help me create my own, individual pieces.</p>	<ul style="list-style-type: none"> • <i>Explore methods of creating expressionism pieces.</i> • <i>Develop bullet journaling and presentational skills.</i> • <i>Creating unique pieces.</i> • <i>Colour schemes.</i> <p><i>This will help me develop my own artistic style, which will develop my creativity. I will be able to present my work in a unique manner in Year 8.</i></p>	<ul style="list-style-type: none"> • <i>Monet's technique and why he painted in his style.</i> • <i>Colour palettes used to create chosen pieces.</i> • <i>Analysing artwork.</i> • <i>Observational drawing</i> • <i>Painting creating textures in an impressionism style.</i> • <i>Working in a small group to create a clay water lily.</i> <p><i>This will help me to increase my knowledge of different art styles and develop my own style.</i></p>	<ul style="list-style-type: none"> • <i>How to transform a photograph.</i> • <i>Image transfer and tracing</i> • <i>Dividing compositional space.</i> • <i>Use of drawing media for specific effects</i> • <i>Identifying the key parts of an image and emphasising them.</i> <p><i>This will help me learn about graphic design methods, which will develop my graphical drawing skills. I will need this in the future for any careers that involve technical drawing skills.</i></p>
<p>DT* RMY</p>	<p>RMT</p> <p>Making with metal</p> <p>I will learn about</p> <ul style="list-style-type: none"> • Different types of metal • How to shape steel • Making thread to join pieces of metal together • How plastic powder coating is done 	<p>RMT</p> <p>Memphis Milano on CAD</p> <p>I will learn about</p> <ul style="list-style-type: none"> • Memphis Milano design style • How to draw on 2D Design V2 • How computers can tell machines what to do 	<p>RMT</p> <p>Getting a Buzz!</p> <p>I will learn about</p> <ul style="list-style-type: none"> • Electrical circuits • Connecting electrical components • Making a shaped plastic base <p>This will help me to understand how circuits work and when I do any electrical projects in the future, either at school, higher education or</p>	<p>RMT</p> <p>Biomimicry shapes the game</p> <p>I will learn about</p> <ul style="list-style-type: none"> • How Biomimicry can influence designers • Setting my own criteria and working to it • Ensuring that a product finish is high quality • Evaluation of my finished product and working practice in order that I



	<p>This will help me when I do further metalwork projects and when I do GCSE and beyond.</p>	<ul style="list-style-type: none"> How to complete my Coat Hook to a high quality <p>This will help me when I use CAD/CAM for drawings or to instruct Computer Aided Machinery in the future.</p>	<p>in the world of work.</p>	<p>can improve future products.</p> <p>This will help me with research skills and using nature to influence my design work.</p>
<p>Food</p>	<p>Carbohydrates</p> <p>I will learn about:</p> <ul style="list-style-type: none"> Carbohydrates function, sources, health benefits and restrictions. The importance of making healthy food choices Making a selection of carbohydrate -based recipes How to adapt given recipes Planning before making <p><i>This will help me when I need to create carbohydrate-based products for further school-based studies or for myself, family and friends outside of school. The theory understanding will help me when I do further study at GCSE level and beyond. It will also help me to make good choices for healthy eating.</i></p>	<p>More Carbohydrates</p> <p>I will learn about:</p> <ul style="list-style-type: none"> Making more carbohydrate-based recipes. The function of ingredients Understanding the differences between home-made and shop purchased products Self-evaluation of working practice and the final product <p><i>This will help me when I need to create carbohydrate-based products for further school-based studies or for myself, family and friends outside of school. The theory understanding will help me when I do further study at GCSE level and beyond. It will also help me to make good choices for healthy eating.</i></p>	<p>Food From around the world</p> <p>I will learn about:</p> <ul style="list-style-type: none"> Making a range of international dishes. Food to feed a family having cost awareness the sources of ingredients health benefits and nutrients of different foods planning meals with an awareness of benefits and constraints Kitchen hazards and hygiene Food poisoning, symptoms, treatment and avoidance <p><i>This will help me when I am planning and making meals for myself, family and friends. Also, when I need to plan and make meals as part of my further studies. Theory will help me to understand how to balance a healthy diet and when I need to recall and develop this knowledge further for GCSE studies and beyond.</i></p>	<p>More from around the world</p> <p>I will learn about:</p> <ul style="list-style-type: none"> How to make more international dishes Proteins, vitamins and minerals Fats and water Dairy and calcium Self-assessment of products and working practice the sources of ingredients health benefits and nutrients of different foods planning meals with an awareness of benefits and constraints <p><i>This will help me when I am planning and making meals for myself, family and friends. Also, when I need to plan and make meals as part of my further studies. Theory will help me to understand how to balance a healthy diet and when I need to recall and develop this knowledge further for GCSE studies and beyond.</i></p>



<p>Textiles</p>	<p>A soft toy for little children</p> <p>I will learn about:</p> <ul style="list-style-type: none"> • Designing for a target market (young children) • Using research to inform and influence design ideas • BSI (the kite mark) and the need for safety checks for toys (as well as in all products) • The use of swatches when designing • Making templates • Pinning and tacking <p><i>This will help me when I create products in textiles in year 8 and beyond. When I need to use hand stitching or a sewing machine in or outside of school. The design process and log of making skills will help me for any D&T subject studies at GCSE level and beyond.</i></p>	<p>Cuddly toys!!</p> <p>I will learn about</p> <ul style="list-style-type: none"> • Developing confidence when using a sewing machine (building on the skills learnt in year 6) • The different stitches which can be used on the sewing machine • Sewing on buttons • Keeping a log of making • Presenting and promoting my product • Evaluation of my product and my own working practice. <p><i>This will help me when I create products in textiles in year 8 and beyond. When I need to use hand stitching or a sewing machine in or outside of school. The design process and log of making skills will help me for any D&T subject studies at GCSE level and beyond.</i></p>	<p>Bags of fun</p> <p>I will learn about:</p> <ul style="list-style-type: none"> • How to make a simple bag from fabric • Writing specifications for my product • Different joining techniques and how to do them • Using template patterns to help shape the fabric • The use of swatches on design work • Pinning and tacking pleats and linings • How to thread and set up the sewing machine ready for use • Using the machine with confidence • Machine sewing curved edges and side seams • Writing a production log <p><i>This will help me when I use a sewing machine. I will know how to set it up and use it with confidence. This will allow me to make textiles products and to use the machine to alter or repair textiles. Keeping a log will help me to recall techniques that I have used and will be good practice for GCSE work in D&T.</i></p>	<p>More bags of fun</p> <p>I will learn about:</p> <ul style="list-style-type: none"> • Using the machine with confidence • Adding decoration and embellishment • Inserting a lining • Attaching a strap • Inserting drawstrings and eyelets • Topstitching straps • Writing a production log • Evaluating the product and my working practice in order to improve when making textiles products. <p><i>This will help me when I use a sewing machine. I will know how to set it up and use it with confidence. This will allow me to make textiles products and to use the machine to alter or repair textiles. Keeping a log will help me to recall techniques that I have used and will be good practice for GCSE work in D&T.</i></p>
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<p>Music</p>	<p style="text-align: center;">Performance Studies</p> <p>I will learn about:</p> <ul style="list-style-type: none"> • Further developing my ability to work effectively as part of a group. • Further developing my ability to perform and structure a composition. • The different ways of developing an instrumental part in a contemporary style. <p><i>This unit will help me develop my instrumental and timings skills. These skills should allow me to experiment with ways to develop and structure my part within a group performance.</i></p>	<p style="text-align: center;">Battle of the Bands!</p> <p>I will learn about:</p> <ul style="list-style-type: none"> • How to develop instrumental rhythms. • Counter melodies. • How to structure and arrange a performance. • How to deliver a performance effectively. • Balance and control. <p><i>This will help me develop my instrumental, performance and collaboration skills. All the above will help me become a more balanced and technically efficient musician that will help me at KS4 and beyond.</i></p>
<p>PE*</p>	<p style="text-align: center;">Fitness Testing, Athletics, Cricket, Tennis, Rounders, Cross Country, Outdoor Ed</p> <p>I will learn about:</p> <ul style="list-style-type: none"> • Changes in rules, organisation of activities from ks2 to ks3. • The safety aspects of different secondary equipment • The initial link between summer sports and sports previously taught. <p>These units will help me to adapt my previously taught skills to activities with different rules and equipment. They will also give me the opportunity to apply the skills taught to a competitive situation. They will give me the opportunity to work to the maximum of my ability and try to reach a personal best.</p>	<p style="text-align: center;">Fitness Testing, Athletics, Cricket, Tennis, Rounders, Cross Country, Outdoor Ed</p> <p>I will learn about:</p> <ul style="list-style-type: none"> • Building speed and power into good technique. • Sports specific skills to improve performance. • Tactical play to outwit opponents <p>These units will give me the opportunity to make adjustments to my basic skills to develop specific techniques. They will give me the opportunity to analyse my technique and the technique of others. I will also be able to apply the skills learnt into more competitive situations and identify and apply tactics. It will give me the opportunity to work to the maximum of my ability and try to reach a personal best.</p>
<p>French</p>	<p style="text-align: center;">A La Maison</p> <p>I will learn about:</p> <ul style="list-style-type: none"> • How verbs are grouped in French: Regular, irregular, ER, IR and RE. • How to compose complex sentences to include the present tense adjective and adverbs. • How to describe what your home is like. • How to describe what jobs you do around the house. • Introduction to the imperfect tense: il y avait... 	<p style="text-align: center;">En Vacances</p> <p>I will learn about:</p> <ul style="list-style-type: none"> • How the future and immediate future are formed and what the difference is. • How to use the present tense for expressing a future event. • How to combine a number of tenses correctly in French. • How to use the negative in all tenses. • How to use adverbs in French. • A variety of useful vocabulary to describe my holidays. • How to use “y” correctly. • The difference use of “in” in French.



	<p><i>This will help me</i></p> <ul style="list-style-type: none"> • Compose sentences. • Use a verb booklet to broaden my knowledge and access irregular verb patterns. • Narrate a French film using the grammar I have learnt. • Describe my home and an imaginary house. • Talk about what jobs I do in the home. 		<p><i>This will help me</i></p> <ul style="list-style-type: none"> • Discuss with others about my holidays. • Ask questions about other people's holidays. • Travel in a foreign country and try to talk their language. • Achieve a grade 5 by the end of the year.
<p>ICT</p>	<p>HTML</p> <p>I will learn about</p> <ul style="list-style-type: none"> • How websites are designed and reproduced on different computers/browsers • How HTML and CSS affect the presentation of a website • How HTML uses tags to format content <p><i>This will help me</i></p> <ul style="list-style-type: none"> • Appreciate the technology behind websites • Learn a new set of commands to control how content is displayed on screen • To apply correct syntax and locate/correct errors 	<p>MicroBit</p> <p>I will learn about</p> <ul style="list-style-type: none"> • How algorithms affect real-world devices • How programming can be used to solve real-life problems • How to design solutions with limited outputs <p><i>This will help me</i></p> <ul style="list-style-type: none"> • Apply previously learned programming skills in a new format • Use thorough testing to locate and correct bugs in code • Compare algorithms in various formats • Consider solutions to problems 	<p>Multi-Media project</p> <p>I will learn about</p> <ul style="list-style-type: none"> • How video, audio and digital images can be combined to create entertaining and informative content for a specific audience • How video editing software uses timelines to order events • How to edit digital media to meet requirements • How different formats of digital media produces different results <p><i>This will help me</i></p> <ul style="list-style-type: none"> • To work collaboratively on a project • To convert digital media between formats and devices • To combine digital media into a coherent production to achieve a specific goal



PSHCE	RSE	<ul style="list-style-type: none"> • Different types of relationships. • The importance of communication • What makes a healthy relationship? • Mindfulness and growth mindset. • RSE <p><i>This will help me identify healthy and unhealthy relationships and the changes that will happen to my body. This will also help me understand the importance of emotional wellbeing and what I can do to influence this.</i></p>	RSE	<ul style="list-style-type: none"> • Different types of relationships. • What makes a healthy relationship? • Self esteem • Mindfulness and growth mindset. • Careers • RSE <p><i>This will help me identify and understand what happens in healthy and unhealthy relationships and the changes that will happen to my body. This will also help me understand the importance of emotional wellbeing and what I can do to influence this.</i></p>
	Skill Learning	AUTUMN 1	AUTUMN 2	AUTUMN 2

*Taught in units in rotation across the year.