

Year 7 Curriculum 'in advance' T3

Subject	What we are learning in T3	How parents/carers can help
English	<p>Pupils study the playscript of 'Frankenstein' adapted by Philip Pullman. They explore the features of a playscript and compare part of it to a section from the original text.</p> <p>Writing outcomes include an imagined scene and a 'discovered' letter.</p> <p>Oracy: the trial of Dr Frankenstein.</p>	<p>Support pupils with weekly homework tasks.</p> <p>Listen to pupils read whenever possible and encourage them to fill in five reads a week in their planner.</p>
Maths	<p>Graphing Data</p> <p>Fractions, decimals and percentages</p> <p>Directed (negative) number</p>	<p>Support your child to complete their weekly homework on Sparx as this reflects what is currently being taught.</p> <p>Support your child by discussing what they have been learning in their lessons.</p>
Science	<p>Cells and systems</p> <ul style="list-style-type: none"> • Describe structure and function of organelles in plant and animal cells • Explain adaptations of plants and animal cells • Prepare and observe microscope slides <p>Energy</p> <ul style="list-style-type: none"> • Describe how energy is stored, transferred and measured • Calculate the efficiency of energy transfers • Describe the conservation of energy 	<p>Support your child by discussing what they have been learning in their lessons.</p> <p>Use BBC Bitesize as a starting point for conversation to support learning in lessons.</p> <p>Support your child to complete their weekly homework.</p>
History	<p>Middle Ages: How did the power of kings change after the Norman Conquest?</p> <ul style="list-style-type: none"> • To understand the role of the Church in Medieval England. • To explore the conflict between Thomas Becket and Henry II. • To examine the significance of the Magna Carta. 	<p>Medieval society, life and religion - KS3 History - BBC Bitesize</p> <p>Who was Thomas Becket and why did he clash with the king? - Thomas Becket - KS3 History - homework help for year 7, 8 and 9. - BBC Bitesize</p>

	<ul style="list-style-type: none"> • To consider interpretation of King John • To investigate the causes of the Black Death. • To assess the impacts of the Black Death on Medieval society. • To understand the causes and events of the Peasants' Revolt. 	King John and the Magna Carta - The Magna Carta - KS3 History - homework help for year 7, 8 and 9. - BBC Bitesize Causes and effects of the Black Death - Medieval medicine - KS3 History - homework help for year 7, 8 and 9. - BBC Bitesize The Peasants' Revolt - The Peasants' Revolt - KS3 History - homework help for year 7, 8 and 9. - BBC Bitesize
Geography	<p>Africa: Why is Africa a continent of contrast?</p> <p>In this topic, students investigate the continent of Africa. They gain a knowledge of its political and physical features and its place in the world. Alongside this they understand the geographical processes that facilitate its contrast in weather and biomes. Much of this work allows the children to develop their investigation skills by finding out themselves.</p>	Africa - Key Stage 3 Geography - BBC Teach The geography of Africa - BBC Bitesize
Theology	<p>Islam: How does a Muslim show commitment to Allah?</p> <ul style="list-style-type: none"> • To understand what Muslims believe and do not believe. • To understand the significance of prayer for Muslims and the commitment that this requires. • To consider and evaluate the commitment of giving to charity. • To empathise with the commitment of fasting during Ramadan. • To understand the commitment required to undertake Hajj. 	Facts about Islam – KS3 Religious Studies – BBC Bitesize What is Islam? - BBC Teach

Food Technology	<ul style="list-style-type: none"> • Planning and making a dish for their final practical assessment. • Completing their bookwork by reflecting upon their progress and skills learned so far highlighting improvements. • Setting targets for the future. 	<p>Continue to practise cooking skills at home.</p> <p>Assist in preparing for their final assessment cookery practical.</p>
Resistant Materials Technology	<ul style="list-style-type: none"> • To design a lid for their decorative storage holder. • To make a three-part lid from acrylic using hand methods and machines. • To learn more about adhesives. • To evaluate the project in detail reflecting upon the challenges, successes and improvements. 	<p>To encourage pupils to talk and form design opinions about products. This critical analysis and evaluation will help to broaden their thinking.</p>
Art	<ul style="list-style-type: none"> • To learn more about the history of art, craft, design and architecture of the Art Nouveau period. • Use a broad range of techniques to record observations in their sketch books of British wildlife as portrayed in this art movement. • To look at the work of William Morris and create a repeated pattern using watercolours and fine liner. 	<p>Sketch nature when outdoors including spring flowers such as snowdrops and daffodils.</p> <p>Find out more about the movement and artist William Morris.</p>
IT	<p>Pupils will be learning the four cornerstones of computational thinking and applying these to real world situations. These are:</p> <ul style="list-style-type: none"> • Abstraction • Algorithm • Decomposition • Pattern recognition <p>They will be using flowcharts to solve a given problem.</p>	<p>Pupils can be encouraged to discuss these different keywords with their parents/carers by using the following website and discuss how we use these everyday.</p> <p>BBC Video</p>

Music	<p>Film Music</p> <ul style="list-style-type: none"> • To learn the history of foley sound • To understand how to link up music/ sound effects with visual cues • To understand the difference between concord and discord musical relationships and the emotion 	<p>Pupils will have their own login details for the website YuStudio. Encourage them to access and explore the website.</p>
PE	<p>Pupils will be learning about Volleyball, Basketball and Gymnastics</p> <ul style="list-style-type: none"> • What are the movements and skills? • What are the court/pitch markings? • What are the rules to the game? • Year 7 invasion games focus more on strategies and outwitting opponents and will start to develop tactical understanding in sport. • What is flight in gymnastics? • How to apply previous learning of basic shapes, jumps and rotations as well as balance into a gymnastics performance/sequence? 	<p>Provide appropriate PE kit, for example: non slippy footwear for Basketball (trainers). Pupils are allowed to wear grippy socks for gymnastics. Reinforce safe practice expectations – no jewellery and earrings must be taped up for PE lessons. Long hair must be tied up. Look up the rules to Volleyball - Volleyball scoring, rules and officials - Volleyball - factfile - GCSE Physical Education Revision - AQA - BBC Bitesize Look up the rules to Basketball - Basketball Simplified Rules - Download PDF The PE Hub</p>
PSHE	<p>Substances - Facts, misconceptions and social norms regarding drugs, alcohol and tobacco; Influence and risks relating to substance use</p>	