

Spring Term Overview

<p><u>Tutor Group 9L</u> <u>Subject & Teacher</u></p>	<p>Subject Overview</p>	<p>How you can help at home</p>	<p>Subject specific key words to practise with your child</p>
<p>English Mr Mauremootoo</p>	<p>This term, pupils will be studying gothic horror. They will be reading 'Frankenstein,' and writing their own ghost stories.</p> <p>Pupils will contextualise gothic literature by learning about Mary Shelley, and studying themes within the book. They will look at tropes of horror and how they create tension and suspense.</p> <p>After half-term, pupils will apply their new skills creatively to write and edit their own ghost stories. Pupils will create descriptions of characters and use their knowledge of tension to create suspense and horror gothic-style literature.</p>	<p>Goosebumps can be watched by pupils with you on Netflix. Discuss how tense different parts of the episodes are and why.</p> <p>Neil Gaiman books are age-appropriate gothic-style texts that can be read to students to further their experience of the genre.</p> <p>Story-based games. Try saying a sentence and asking your child to add another sentence that increases the suspense of the story. Keep going until you reach the climax of the tale.</p>	<p>Theme Tension Conflict Horror Supernatural</p>
<p>Maths Mr Upward</p>	<p>This term, in number, pupils will be exploring the relationships between fractions, decimals and percentages. They will develop their understanding of equivalent fractions.</p> <p>With geometry, they will continue their learning with angle rules. They will also explore the units we use to measure mass, volume and length.</p> <p>This term, pupils will also study algebra. They will study different types of sequence (linear and non-linear). They will also learn about the rules we apply to algebra.</p>	<p>Please encourage pupils to practice what they are learning on MathsPad.</p>	<p>Numerator Denominator Vertically Formula Expression</p>

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<p align="center">Science Miss Postans</p>	<p>This term pupils will be learning about the different types of force, how to measure force, and how forces can change an object's speed, direction and shape. They will be learning to measure speed using the equation speed equals distance divided by time. They will then measure how much work is done by a force moving an object and how machines such as levers, pulleys and gears can multiply the force applied. Next term pupils will be learning about how we classify living things, how they are adapted to survive in their environment and how this leads to the theory of evolution by natural selection.</p>	<p>At home pupils can use BBC Bite Size to reinforce their learning. KS3 Physics topics</p> <ul style="list-style-type: none"> • Forces and Movement <ul style="list-style-type: none"> ○ Introduction to forces ○ Force diagrams and resultant forces ○ Motion and speed ○ Weight and mass ○ Friction ○ Terminal Velocity <p>KS3 Biology topics</p> <ul style="list-style-type: none"> • Ecosystems and Habitats <ul style="list-style-type: none"> ○ Kingdoms and classification ○ Adaptation of plants • Inheritance and Genetics <ul style="list-style-type: none"> ○ Adaptations and Evolution ○ What is natural selection ○ Natural Selection leads to evolution. 	<p>Newton's Friction Adaptation Evolution Natural Selection</p>
<p align="center">Art Miss Foster</p>	<p>This term in Art, we will be practicing how to independently explore and experiment with ideas to create a final piece. Pupils will be given the opportunity to choose their own animal subject, as well as their own materials and their own artistic influences. Pupils will look at the art styles of street artists John D'oh, ROA, Alexis Diaz, Dzia and Sonny, before working to create a final piece which communicates a message to the viewer about their chosen animal.</p>	<p>Pupils can be supported at home by observing their surroundings to identify street artwork. Pupils should be encouraged to describe what they see and try to explain what they think about the artist, artwork, and the messages it is trying to share with the viewer. Pupils should be encouraged to use subject specific terminology in their interpretations.</p>	<p>Street art Messages Animals Exploration Experimentation</p>
<p align="center">DT Miss Attenborough</p>	<p>This half term pupils will be adding the finishing touches to their graffiti Textiles project, they will be finishing their embellishment before constructing their phone/tablet case. Later this term pupils will be 'engineers', they will be taking</p>	<p>You can look on the James Dyson Foundation resources, there are many challenges and videos.</p>	<p>Engineering Deconstruction</p>

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	<p>part in group activities to find out more about how Dyson works by deconstructing hoover parts.</p> <p>Next term pupils will be using acrylic to create a clock inspired by the design style of Memphis. Over the up-and-coming weeks the pupils will be carrying out various research tasks to help them inform their design. This term pupils will be looking further into the safety of equipment and machinery, before using various machines in the workshop.</p>	<p>https://www.jamesdysonfoundation.co.uk/resources.html</p> <p>You can also look to see if you can find unusual clock shapes.</p>	<p>Analogue</p> <p>Pillar drill</p> <p>Acrylic</p>
<p>PE & Games</p> <p>Mr Altman</p> <p>Mr Hunt</p> <p>Mr Stinton</p>	<p>This term we will be practising our map reading and teamwork skills through orienteering. We will be learning how to read maps and work together as a team to follow routes and crack codes in lessons. Pupils will learn how to hold and thumb the map and learn how to read maps from a birds-eye view. Pupils will also develop their muscular endurance through this topic by running between different checkpoints.</p>	<p>Go for walks, plan routes, follow maps of local areas. Get your child to draw maps of their house and garden</p>	<p>Grids</p> <p>Route</p> <p>Start Triangle</p> <p>Feature</p> <p>Control Marker</p>
<p>History</p> <p>Mr Bentley</p>	<p>This term we will be learning about the life of Charles Darwin visiting his journey of exploration onboard the HMS Beagle. We will look at the places that he visited and focus on his work as the ship's naturalist and the scientific theories that he came up with. Next term we will move onto the campaign for the women suffragette movement exploring what life would have been like for women in the past whilst learning about some really influential women within the movement, including Emmeline Pankhurst and Emily Davison.</p>	<p>There are some lovely resources on BBC bite size on Charles Darwin.</p> <p>https://www.bbc.co.uk/teach/charles-darwin-evolution-and-the-story-of-our-species/z7rvxyc</p> <p>There are also some good videos on the Suffragette movement</p> <p>https://www.bbc.co.uk/bitesize/topics/z7yn7nb/articles/zh6nsk7</p> <p>Talk about the different views that people had in the past and talk about how these have changed over ti</p>	<p>Evolution</p> <p>Naturalist</p> <p>Explorer</p> <p>Suffragette</p> <p>Campaign</p>
<p>Geography</p> <p>Mrs Lamburn</p>	<p>We will continue our work on extreme weather and the 2007 Gloucestershire flood, before commencing work on a new topic, 'Beside the Sea'. Pupils will learn about the ocean, coastal landforms and how tides work. They will recognise how coastlines change over time, due to erosion and will consider how this can affect local people. Pupils will learn about coastal management strategies used to</p>	<p>Talk about any memories you may have of the 2007 flood. You can encourage your child to read seaside related books, both fiction and non-fiction. Have discussions on why we all need to look after our environment, especially our oceans and the actions we can take to</p>	<p>Erosion</p> <p>Groynes</p> <p>Transportation</p> <p>Coastal deposition</p> <p>Longshore drift</p>

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	protect the coastline and slow down coastal erosion.	look after them.	
Food Studies Mrs Goss	In Food Studies this term, 9L will be continuing with the preparation, knife, and cooking skills which they have been working on in the previous term; from creating homemade sauces to handling raw meat. We will begin the term with a prawn stir-fry, Thai green chicken curry, chicken & bacon filo pie then end with creating their very own pizza in a pizza box! After February half term, we will introduce the electric whisk to create a mango & coconut sponge cake, then on to a turkey & mango curry and then finish with a batch of fantastic Easter cookies for an end of term treat. Our running theme this term is food labelling and allergens. We will look at the food traffic light system, identifying foods high in fat, sugar, and salt, reading allergen information, allergic reactions and intolerances and the importance of sharing allergen information; all real-life skills which are necessary for the future.	When around food packaging, make a point to ask the pupils questions in regards to what they can see or notice on the labelling e.g. How can you tell if an individual who is lactose intolerant cannot eat this? Or, how much saturated fat is in this product?	Allergens Anaphylactic shock Intolerance Creaming method Expiration dates
Computing Mr Naylor	This term, students will be continuing to research about how computers work, focusing especially on the internal components. We will then be learning on how to create and export an animation for a specific audience and purpose using Serif Drawplus. We will then be returning to using PowerPoint and learning how to create interactivity in the form of an interactive map for use by visitors to EGX Expo, using a combination of triggers and animations.	Discuss what makes some computers better than others, why do we need more powerful computers or tablets. Discuss how animations are created and how they might be used in advertising. Think about some of the apps you can use for different venues e.g. The British museum, London Underground, what makes them interactive?	Interactive Trigger Animation CPU RAM
Music Mrs Lea	This term in Music, pupils will be developing their prior learning about how the classroom keyboard is used and played. They will be practicing pieces of keyboard music to build skills and understanding of reading music and playing an instrument using correct posture, fingering and accuracy of pitch and rhythm. They will also learn to play basic chords with a piece of music. Pupils will also explore different keyboard instruments from different times and places.	If pupils have access to a keyboard, they can practice what they have been learning in school. If they do not have a keyboard, they can download a variety of piano apps to develop their understanding of notation.	Scale Octave Sharp Flat Chord

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<p>PSD Mrs Lea</p>	<p>The topic in PSD this term is 'The world we live in'. Pupils will be learning about diversity, rights and responsibilities, including understanding about stereotypes and discrimination. We will then move on to preparing for adulthood and in particular, looking at what courses and jobs could be available to them after Year 11 and what skills they might need to develop. Pupils will also learn about managing finances; what it means to borrow and lend money and demonstrate their skills for budgeting and managing potential income.</p>	<p>Encourage discussion about rights and responsibilities and how they are impacted in their everyday lives.</p> <p>Talk with your child about borrowing and lending money and discuss how much items cost and how you might budget at home.</p>	<p>Discrimination Budgeting Credit Debt CV</p>
<p>RE Mrs Lamburn</p>	<p>In term 3-4 pupils will explore, 'How and why do people try to make the world a better place?' In this unit pupils will look at how do beliefs influence actions? Firstly, looking at key teachings of Jesus and a refreshed reading of the parable of the Good Samaritan, to gain a better understanding of it. Pupils will encounter people who have followed the example of their religious leaders, both in the past and as contemporary followers world-wide. We will consider the impact of religious belief and how some people have been inspired to stand up for environmental and social justice. Pupils will also conduct some guided research and study individuals who have put their religious beliefs into practice, e.g., Elizabeth Fry, The Dalai Lama, Maria Gomez.</p>	<p>Encourage discussion on people who put their beliefs into action and reflect on the value of love, forgiveness, honesty, kindness, generosity and service; in their own lives and in light of their studies in RE.</p>	<p>Actions Beliefs Individuals Mission Teachings</p>
<p>Drama Miss Price</p>	<p>During terms 3 and 4, pupils will be learning about puppets. Pupils will explore a range of puppets and puppetry techniques, and perform plays, stories and poems using different types of puppets. Pupils will also continue to develop and learn key drama skills.</p>	<p>Encourage pupils to watch clips of different puppet TV programmes (for example "The Muppets," "Sesame Street," and "The Sooty Show") and say what they liked about the different puppet characters, as well as encourage them to identify the types of puppets used.</p>	<p>Puppets Puppetry Hand puppets Shadow puppets Marionettes</p>