

# Spring Term Overview

<b>Tutor Group 7S</b> <b>Subject &amp; Teacher</b>	<b>Subject Overview</b>	<b>How you can help at home</b>	<b>Subject specific key words to practise with your child</b>
<p align="center"><b>English</b> <b>Miss Chamberlain</b></p>	<p>This term, pupils will be reading an adaptation of <i>Oliver Twist</i>. Prior to reading the text, pupils will explore the context surrounding it including learning about what life was like during Victorian times and researching Charles Dickens. Throughout this unit, pupils will continue to develop their literacy skills through reading, writing and drama-based activities. Pupils will build upon their inference skills and begin to explore language further through considering why writers use particular words and phrases within their writing. Pupils will also discuss the plot, settings and characters within the text before going on to create their own examples of narrative and descriptive writing.</p>	<p>Encourage pupils to read a range of texts and engage in discussions with them about what they have been reading. Listen to pupils read and ask them to explain what they think certain words or phrases mean. Encourage pupils to produce their own examples of creative writing (short stories, comic strips, poems).</p>	<p>Victorian Orphan Workhouse Narrative writing Descriptive writing</p>
<p align="center"><b>Maths</b> <b>Mrs Matalu</b></p>	<p>This term we have started by investigating properties of shapes. Pupils have been looking at 2d and 3d shapes, learning about their properties, measuring lengths and angles, sorting shapes and using them to make patterns. We have also looked at symmetry. Next, we will be moving on to explore time. Pupils will learn the correct vocabulary for different units of time, and how these relate to each other, and how to convert between them. They will learn to tell the time on an analogue and digital clock, using both 12- and 24- hour format. We will then work on calculating multiplication and division; working on learning our multiplication and division facts and using these to solve problems. Finally, we will move on to exploring fractions,</p>	<p>Take opportunities to help your child learn to tell the time, if they cannot already, using both analogue and digital clocks.</p> <p>Help your child to learn their times tables, focusing first on the 2s, 5s and 10s. When your child is confident with these, move on to the 3s, 4s and 8s. If they know these times tables, then focus on the 6s, 7s, 9s, 11s and 12s.</p>	<p>Symmetry Angle Fraction Decimal Percentage</p>

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	decimals and percentages, including comparing and ordering these.		
<b>Science</b> <b>Mr. Stinton</b>	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.	At home pupils can use BBC Bite Size to reinforce their learning. KS3 Physics topics <ul style="list-style-type: none"> <li>• Forces and Movement               <ul style="list-style-type: none"> <li>○ Introduction to forces</li> <li>○ Force diagrams and resultant forces</li> <li>○ Motion and speed</li> <li>○ Weight and mass</li> <li>○ Friction</li> <li>○ Terminal Velocity</li> </ul> </li> </ul> KS3 Biology topics <ul style="list-style-type: none"> <li>• Ecosystems and Habitats               <ul style="list-style-type: none"> <li>○ Kingdoms and classification</li> <li>○ Adaptation of plants</li> </ul> </li> <li>• Inheritance and Genetics               <ul style="list-style-type: none"> <li>○ Adaptations and Evolution</li> <li>○ What is natural selection</li> <li>○ Natural Selection leads to evolution.</li> </ul> </li> </ul>	Newtons Friction Adaptation Evolution Natural Selection
<b>Art</b> <b>Mr Waring</b>	The start of term 3 will see the students introduced to working in and developing their own sketchbooks. They will then explore the topic 'Are Doodles Art?' Pupils will look at its roots in Surrealism and explore the works of Jon Burgerman and Mr Doodle before producing their own doodle themed T-Shirt and Bag logos. In term 4 pupils will look at the work of Keith Haring and explore how his work and style has been used commercially around the world before developing their own 'positive message sign' for the school in his style.	You can encourage pupils at home by getting them to view works of artists who use doodling such as Joe Whale or Hattie Stewart.  Pupils can be practice doodling at home on any old pieces of paper or even encourage them to start a little doodle book of their own.	Doodle Line Surreal Colour Street art

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		No planning required – just draw what comes to mind!	
<b>DT</b> <b>Mr Stinton</b>	This term pupils will be adding the finishing touches to their Textiles project before starting Resistant Materials. In their new project, pupils will be using wood to create a Creature Feature to hold their stationary. Over the next term pupils will be looking further at safety and new equipment, before carrying out various research tasks to help inform their designing and making skills. They will learn to use a coping saw to cut a shape before using a straight file to smooth the edges and finish the wood. This topic gives them chance to develop their skills even further.	You can help at home by identifying products around your home that are made from resistant materials: woods, metals and plastics.  Look at different ways to store stationary.	Resistant Materials  Coping Saw  Filing  Sanding  Wood
<b>PE &amp; Games</b> <b>Mr. Stinton</b>	In PE, across the next two terms, students will cover gymnastics and dance. In gymnastics, pupils will learn many movements, poses and stretches. This includes the pike stretch, understanding balancing on different points, and focusing on different types of roles, such as the teddy bear roll. Across the dance module, we will focus on working to a rhythm, creating a routine, and building confidence to perform.	At home pupils can research different poses and stretches. This can be done on websites such as YouTube. Children can also watch and participate in 'Just Dance' videos at home. This will introduce working to a rhythm and provide inspiration for different dance movements.	Rhythm  Beat  Routine  Confidence  Gymnastics
<b>History</b> <b>Mr Bentley</b>	This term we will be learning about the life of Charles Darwin and 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 suffragette movement, exploring what life would have been like for women in the past and learning about some influential women within the movement, including Emmeline Pankhurst and Emily Davison.	There are some lovely resources on BBC bite size on Charles Darwin. <a href="https://www.bbc.co.uk/teach/charles-darwin-evolution-and-the-story-of-our-species/z7rvxyc">https://www.bbc.co.uk/teach/charles-darwin-evolution-and-the-story-of-our-species/z7rvxyc</a> There are also some good videos on the Suffragette movement <a href="https://www.bbc.co.uk/bitesize/topics/z7yn7nb/articles/zh6nsk7">https://www.bbc.co.uk/bitesize/topics/z7yn7nb/articles/zh6nsk7</a> Talk about the different views that people had in the past and talk about how these have changed over time.	Evolution  Naturalist  Explorer  Suffragette  Campaign

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<b>Geography</b>  <b>Mr Everis</b>	This term we continue our studies on 'weather' with more of a focus on extreme weather events like flooding, hurricanes and wildfires. We will also be completing work based on flooding in Tewkesbury in preparation for our first fieldtrip of the academic year to the John Moore Museum to hear from the experts as to what caused the big floods of Gloucestershire in 2007 and what the impact was. Towards the end of term we will then move our focus onto changing climate conditions and learn what is meant by global warming and what we can do to help the planet.	There are many resources available for our young people on this topic however the most accessible are BBC bitesize and Blue Peter <a href="https://www.bbc.co.uk/cbbc/shows/blue-peter">https://www.bbc.co.uk/cbbc/shows/blue-peter</a> <a href="https://www.bbc.co.uk/bitesize/topics/zx38q6f">https://www.bbc.co.uk/bitesize/topics/zx38q6f</a> <a href="https://www.youtube.com/watch?v=TJxn0ZcpN2c">https://www.youtube.com/watch?v=TJxn0ZcpN2c</a>	Extreme weather  Flooding  Global warming  Climate change  Greenhouse gases
<b>Food Studies</b>  <b>Miss Attenborough</b>	In Food Studies this term, 7S will begin with the continuation of baked products, with a focus on portioning and preparation techniques, such as peeling and grating. Pupils will individually create a batch of carrot cake muffins and cheese & courgette muffins. The hob will then be introduced to safely melt ingredients and create mixtures/a roux – pupils will create raspberry honey flapjacks and cauliflower cheese. We will also be celebrating pizza week, make mini toad in the hole, and end the term with Easter biscuits. The running theme through this unit is seasonality of ingredients, where and how fruits and vegetables grow, and why we should eat locally to support the environment.	Allowing pupils to repeat any of the skills which they have demonstrated within the classroom is a huge help to consolidate any learning. A trip to the supermarket to look at food labels of fruits and vegetables and see where they come from would go the extra mile to help further understanding.	Food miles  Root vegetable  In season/out of season  Savoury/sweet  Sow/harvest
<b>Computing</b>  <b>Mr Waring</b>	This term pupils will start the year by exploring how to create a spreadsheet in Microsoft Excel and to use some of its basic functions. In term 3 we will also introduce the concept of game design and construction, using the Kodu Game Lab, and will return to this in term 4 to build on the skills learnt. Pupils will also learn how to use the functions of a graphic package to design a T-Shirt logo as well as exploring different types of computing hardware devices and developing on their presentation skills in Microsoft PowerPoint.	If pupils wish to complete or develop work at home then they can access work on their OneDrive via <a href="#">RM Unify</a>  If pupils enjoy using Kodu to develop games, then Kodu Game Lab is free to download <a href="#">here</a>	Data  Cell Reference  Formula  Program  Hardware
<b>Music</b>  <b>Mrs Lea</b>	This term, pupils will be introduced to playing the keyboard. They will learn some basic notation and use this to be able to play simple melodies. They will also learn the correct placement of fingers on the keyboard and able to play simple scales.	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	Keyboard  Note  Stave

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		piano apps to develop their understanding of notation.	Duration Melody
<b>PSD</b> <b>Mr. Stinton</b>	This term pupils will be learning all about the world we live in. We will cover many areas such as caring for the environment and respecting nature. The pupils will build bug hotels to help support the ecosystem. The pupils will also learn about diversity, respecting people's values and how we can recognise our own values.	At home to support this, pupils can do any kind of garden work. This could range from sweeping leaves to planting flowers and other plants. Pupils can also use websites such as BBC Bitesize to research the topic of diversity, values and inclusion. If pupils wish to do so, they could use this useful link <a href="#">here</a> .	Environment Recycle Diversity Culture Respect
<b>RE</b> <b>Mrs Lamburn</b>	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, pupils will learn the meaning of the parable of the Good Samaritan. We will consider the impact of religious belief and how some people are inspired to stand up for justice. Pupils will also conduct some guided research and study individuals who have put their religious beliefs into practice, e.g., Mother Teresa, Elizabeth Fry, Martin Luther King, St Francis of Assisi.	Encourage discussion on people who put their beliefs into action and reflection on; the value of love, forgiveness, honesty, kindness, generosity and service, in their own lives, in the light of their studies in RE.	Actions Beliefs Mission Parable Teachings
<b>Drama</b> <b>Miss Price</b>	During terms 3 and 4, pupils will be learning about puppets. Pupils will explore a range of different types 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.	Encourage pupils to watch clips of different puppet TV programmes (for example "The Muppets," "Sesame Street," and "The Furchester Hotel") and say what they liked about the different puppet characters.	Puppets Puppetry Hand puppets Shadow puppets Marionettes