

# Spring Term Overview

<b>Tutor Group 8L</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>
<b>English</b> <b>Miss Watson</b>	In English this term we will be focussing on the text 'Treasure Island' by Robert Louis Stevenson. Elements of lessons will include creating character and scenery descriptions, editing and improving work and creating our own scripts based on the text. Pupils will be given the opportunity to access mixed media through film and text and explore how the two are different.	Continue with home reading and home spellings.  Encourage pupils to use describing words other than 'happy, sad, good, bad' when talking.	Narrative Fiction Inference Character Development
<b>Maths</b> <b>Mr Stenning</b>	This term pupils will be continuing to develop their ability to tell the time and read & write different common times used throughout the day.  They will also look to explore multiplication & division calculations further, utilising their improving knowledge of times tables. They will then use this knowledge to help them determine the difference between fractions, decimals and percentages.  Pupils will then finish this term looking at more geometry principles such as measuring space and investigating different angles.	Regular practice of times tables is very important to help give the pupils solid foundations for class work.  Any application of Maths skills such as counting money in the shops or asking pupils for the time are all life skills that are vitally important for pupils to learn.	Times tables Counting Multiples Time
<b>Science</b> <b>Mrs Francis</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.	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> </ul> </li> </ul>	Newtons Friction Adaptation Evolution Natural Selection

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	<p>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>	<ul style="list-style-type: none"> <li>○ Motion and speed</li> <li>○ Weight and mass</li> <li>○ Friction</li> <li>○ Terminal Velocity</li> </ul> <p>KS3 Biology topics</p> <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>	
<p style="text-align: center;"><b>Art</b> <b>Miss Foster</b></p>	<p>This term in Art, we will be exploring the artistic world of Surrealism. Pupils will learn about how artists are inspired by their dreams and their imaginations. Pupils will research the Surrealist art style, looking at artists such as Salvador Dali, Rene Magritte and Leonora Carrington. Pupils will then use their knowledge to create a range of surrealist artworks.</p>	<p>Pupils can be supported at home to explore surrealist artworks and to discuss what makes them imaginative. Pupils should be encouraged to describe what they see and try to explain what they think about artists and their artworks. Pupils could be further supported and encouraged to draw from their imagination at home.</p>	<p>Surrealism Dream Metamorphosis Distort Imagination</p>
<p style="text-align: center;"><b>DT</b> <b>Miss Attenborough</b></p>	<p>This half term pupils will be adding the finishing touches to their Textiles project before starting Resistant Materials. They will be embellishing and constructing the cushions they have designed. In their new project pupils will be using their problem-solving skills to create a space saving room. They will have a chance to experiment and innovative. The pupils will be introduced to perspective drawing and modelling. The pupils will be looking at architects and the world around us, to help inform their ideas and make decisions.</p>	<p>You can help at home by identifying products outside that are made from resistant materials: woods, metals and plastics.</p> <p>You can also look at space saving ideas in the home.</p>	<p>Modelling Perspective drawing Multipurpose Architect Innovation</p>

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<b>PE &amp; Games</b>  <b>Mr Altman</b>	During this term year 8 will learn about Trampolining, Dance and Gymnastics. Pupils will begin the term learning about gymnastics and trampolining focusing on developing a small routine including skills like, shapes, balancing, counter balance, movements and traveling. Pupils will also have the opportunity to use the tablets to analyse each other's performance. In the second half of the term pupils will be learning about dance where they will learn about rhythm, height and sequencing to develop their own small routine.	You can support you child by discussing what skills they have learnt in gymnastics such as, pike, straddle, star half twist and seat drop.	Routine Sequencing Shapes Travel Coordination
<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
<b>Geography</b>  <b>Mrs Lamburn</b>	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 learn to recognise and describe a range of coastal features. They will learn how coastlines change over time due to erosion and will consider how this can affect local people.	Talk about any memories you may have of the 2007 flood. Encourage your child to read seaside related books and discuss any seaside resorts that you may have visited as a family and the types of beaches and features found there. Have conversations on what we can do to look after our oceans, beaches and coastlines.	Beach Coast Erosion Sea defence Wave
<b>Food Studies</b>  <b>Miss Attenborough</b>	In Food Studies this term, 8L will be looking closely at how it is possible to eat on a budget whilst still adhering to the healthy eating guidance from the Government (5-a-day & 8 dietary guidelines). The term will begin with an Italian theme	Why not find a family favourite dish which you can repeat each week and make it their dish? Each week you could add a step or two in for them, so that by the	Carbohydrates Staple foods Budget

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	<p>of three different pasta dishes (tomato and chorizo pasta, a mixed veg pasta bake and a macaroni cheese) which will use a mixture of frozen and fresh vegetables. Pupils will learn how to make a sauce from scratch and how this can work out cheaper, go a lot further and be more nutritious than a sauce from a jar or buying a ready meal. We will be celebrating pizza week where pupils will create their very own stuffed crust pizza in a pizza box. After February half term, with a potato theme, we will create a cheesy potato pie and a potato curry. We will then end the term with creating a large mini egg cookie dough bar for a treat!</p>	<p>end of the month, they will have completed all steps. Repetition of skills is the key to success!</p>	<p>Food bank Rolling-boil</p>
<p><b>Computing</b> <b>Mr Waring</b></p>	<p>At the start of this term pupils will undertake a graphics project using Serif Draw Plus to design a magazine cover and these are skills that they will revisit later in term 4. They will also develop their skills in Microsoft PowerPoint to create an interactive app. In term 3 pupils will be introduced to the basics of binary code. Towards the end of term 4 they will look into game design and construction using Scratch.</p>	<p>If pupils wish to complete or develop work at home then they can access work on their OneDrive via <a href="#">RM Unify</a></p> <p>If pupils enjoy using Kodu to develop games, then Kodu Game Lab is free to download <a href="#">here</a></p>	<p>Graphic Layers Effects Interactive Binary</p>
<p><b>Music</b> <b>Mrs Lea</b></p>	<p>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.</p>	<p>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.</p>	<p>Scale Octave Sharp Flat Chord</p>
<p><b>PSD</b> <b>Mrs Lamburn</b></p>	<p>In term 3, pupils will be learning what we can do to make ourselves feel good and enhance our self-esteem, learning polite strategies and assertive ways of challenging unkind comments, directed at us or others. We will develop our work on feelings, explore body image and the influences of the media on young people to look a certain way. In term 4</p>	<p>Remind pupils that bodies come in all shapes and sizes and there is no such thing as 'the perfect body' and that they still have many changes to go through as they grow older. Talk about the different</p>	<p>Employment Feelings Responsibilities</p>

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	pupils will learn about their online rights & responsibilities, learn skills for budgeting and managing potential income, and prepare for employment by thinking about the type of job they might like to do when they are older and what they expect it to be like.	jobs that family members, friends and people in the community do.	Self-Esteem Work
<b>RE</b> <b>Mr 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 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 Sooty Show") and say what they liked about the different puppet characters.	Puppets Puppetry Hand puppets Shadow puppets Marionettes