
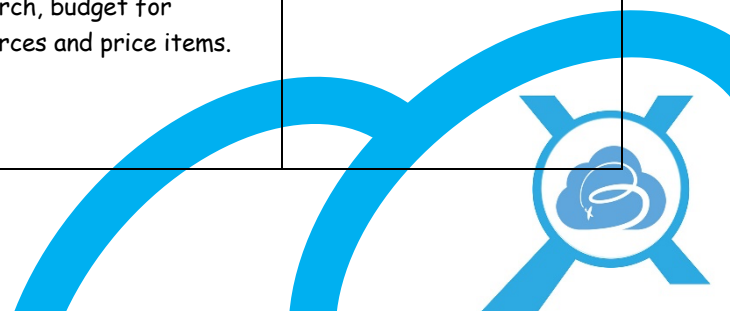


<p>Year 8 Overview of Learning Pupils from Emerald and Coral Bases</p> <p>This term we are learning about "How does it work?"</p>	<p>How does it work?</p>	<p>Our Change Maker principle, this term is 'Positive'</p> 
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English	Maths	Science	Computing & Careers	PSHE/RSE
<p>This term in English, Y8 will continue studying Lemony Snicket's 'A Series of Unfortunate Events'. Young people will deepen their critical thinking skills, focusing on analysing specific word choice and discussing language intent. Young people will then go on to structure these discussions into evidence-based, analytical paragraphs; using a Point, Evidence and Explain template. They will also continue to expand their Creative Writing skills, focusing on including literary devices such as similes, metaphors and personification, as well as their own personal writing targets.</p>	<p>Year 8 Group A Students this term will work with the link between ratio and scaling, including the idea of direct proportion, linking various form including graphs and using context such as conversion of currencies which provides rich opportunities for problem solving.</p> <p>Students will be introduced to conversion graphs, both reading and creating. Links are also made with maps and scales, and with the use of scale factors to find missing lengths in pairs of similar shapes.</p> <p>Year 8 Group B Students will be looking in depth at how number concepts and bonding works. This understanding and skill will enable students to be more efficient and confident at completing calculations involving the four operations. Students will then apply the skills to solving number problems and worded style questions.</p> <p>Students will then learn about common factors and multiples and start to determine the lowest common multiple and highest common factor or a pair of numbers by using lists and venn diagrams. Other key concepts including prime numbers and order of operations (BIDMAS) are also being covered.</p>	<p>Young people will be delving into the carbon cycle and how carbon is cycled around the earth, including photosynthesis, respiration, combustion and decay. They will be developing an understanding of the dependence of almost all life on Earth on the ability of photosynthetic organisms, such as plants and algae, to use sunlight and carbon dioxide in photosynthesis to build organic molecules. They will look into photosynthesis as a chemical reaction and factors that might limit it.</p> <p>We will be working scientifically to test a leaf for starch including making predictions based on their knowledge and following a procedure. We will be looking at leaves and how they are adapted for photosynthesis and use a light microscope to view and draw the stomata in the leaf that allow carbon dioxide to enter the leaf.</p>	<p>Computing Students will learn how to create their own web pages through the use of Hypertext Markup Language (HTML). They will learn the basic structure of all web pages, including how to format the background, add text and images as well as embedding hyperlinks to other pages. Some will also progress to embedding multimedia components (sound and video) into their pages.</p> <p>Careers and Enterprise This half term young people are going to explore an enterprise project to create items to sell at Bader's Christmas Fayre! They will be required to use teamwork to decide on an idea, complete research, budget for resources and price items.</p>	<p>This term students will focus on community and careers.</p> <p>They will consider equality of opportunity in careers and life choices, and different types and patterns of work.</p> <p>Students will look at team work skills, how to build positive relationships and manage conflicts, as well as beating negative thoughts and building self-esteem.</p>



Geography & History	Art and DT	PE & Music	MFL, RE & Personal Development
<p>History This half term students will continue to examine the industrial changes in Britain between 1745-1901.</p> <p>We will look analyse the improvements made to Britain's roads, as well as the introduction of both the canal and railway system.</p> <p>Following this we will look at the establishment of the first police force and a case study on Jack the Ripper.</p> <p>Geography This half term students will be continuing looking at Human and Physical Geography through the study of river systems.</p> <p>This half term we will continue to look at how physical processes interact to influence and change landscapes through the formation of meanders, oxbow lakes and floodplains.</p> <p>We will then examine the human processes of soft and hard engineering, that are put in place to limit the effect of flooding in the UK.</p>	<p>Art This half term we will be looking at the Artist Lowry and how he uses perspective in his industrial paintings.</p> <p>We will use the light boxes to support our drawings and then use watercolour to finish our piece of art.</p> <p>Woodwork Students will be using their improved woodworking skills to produce a range of beautiful handmade items for sale at the upcoming Christmas Fayre. This will include decorations, seasonal models and other surprises that parents will have the opportunity to see for themselves at the Christmas Fayre.</p> <p style="text-align: center;">OR</p> <p>Food Technology Students will be preparing and cooking a wide range of dishes this term, demonstrating their use of culinary skills, including chopping fruit and vegetables, kneading and boiling.</p> <p>Students will be continuing their ability to work independently following a wide range of recipes, ensuring they explore their ingredients and understand the importance of completing every task involved within the recipe.</p>	<p>PE Young people will be performing dances using a variety of techniques within a range of dance styles and forms. They will analyse their performances compared to previous ones to demonstrate improvement to achieve their personal best. Young people will have the opportunity to create their own dances as well as learn and remember taught movements. This may be independently, with a partner or as part of a group. They will also learn new key terminology linked to dance.</p> <p>Music Students will be able to comment and identify a riff and a hook within a piece of music, using this knowledge to perform a riff as part of an ensemble and exploring ensemble skills. Students will recap key musical knowledge, such as how to perform a chord as well as performing with correct technique.</p> <p>Students will also explore reading notes on the treble clef, remembering rhymes to help them identify notes in the spaces and on the lines.</p> <p>Students will have the opportunity to perform on either keyboard, guitar, bass guitar or drums performing chord sequences, riffs, bass notes and drum beats.</p> <p>Students will continue to develop their use of key musical terminology through various listening activities, identifying elements such as tempo, texture, timbre, pitch, dynamics and instruments.</p>	<p>Spanish Students will be using a blended learning approach to continue their Spanish language journey using both Language Angels and Duolingo. This term will focus on developing conversational skills around fruit and vegetables as well as other food items. Students will learn the individual vocabulary and practice building this into short conversations. They will also continue to develop their listening skills in identifying spoken Spanish words and phrases</p> <p>RE This half term young people will be looking at the difference and similarities between birthing ritual in different faiths and cultures.</p> <p>Personal Development Young people will learn important life skills that link to achieving their EHCP targets.</p> <p>Young people will be supported to develop their independence.</p>

