

Autumn Term Overview



<u>Tutor Group 3H</u> <u>Subject & Teacher</u>	Subject Overview	How you can help at home	Subject specific key words to practise with your child
<p>English</p> <p>Mr Mauremootoo</p>	<p>The theme for the Autumn Terms is Hobbies. We will be having discussions alongside relevant poems to try to explore the importance of having interests and developing our personalities. We will also be reading 'The Secret Garden' by Frances Hodgson Burnett. Pupils will be thinking about what makes certain hobbies interesting and important. They will be using the literature to aid their understanding of why pursuing passions is good for physical and mental well-being. Pupils will be encouraged to develop empathy and understanding towards the hobbies of others.</p>	<p>Allow pupils to talk about their hobbies and explain why they enjoy them using 'because' statements.</p> <p>Try to encourage pupils to try a new activity to see if they enjoy it. Discuss what they may, or may not, have liked.</p>	<p>Nature</p> <p>Well-being</p> <p>Supernatural</p> <p>Adverb</p> <p>Rhyme Scheme</p>
<p>Maths</p> <p>Mrs Emson</p>	<p>The group will build on their knowledge of areas and perimeters of compound shapes. They will learn Pythagoras' Theorem and what this means when choosing a flat screen TV.</p> <p>Pupils will carry out a mini-statistical enquiry which will involve collecting data and learning about the best way to present it and interpret it. They will work on two-way tables, stem and leaf diagrams as well as averages and range. They will also look at misleading data and how not to fall for it.</p> <p>The class will continue to work on their basic numeracy skills and each</p>	<p>Talk about TVs and tablets and how the screen size is measured diagonally.</p> <p>Look at data in shops, on websites and in magazines. Discuss what the charts or tables are showing.</p> <p>Ensure pupils carry out maths</p>	<p>Pythagoras' Theorem</p> <p>Hypotenuse</p> <p>Frequency</p> <p>Stem-and-leaf diagram</p> <p>Co-ordinate</p>

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	week will work towards their 'numeracy ninjas' colour belt.	homework on www.mymaths.com .	
Science Mr Goodchild	Term 1 we are learning about cells, tissues and organs. We will be learning how to use microscopes and then use these to observe cells. We will learn about the structure of animals and plant cells and how these work together to form tissues and organs. We will then move on to look at how organs work together to make organ systems and look in detail at our circulatory, digestive, skeletal and respiratory systems. Term 2 we will be learning about elements, mixtures and states of matter and how the particle model can be used to describe these.	Use the BBC Bitesize KS3 Biology topics listed below to reinforce their learning. <ul style="list-style-type: none"> • Living Organisms • Nutrition, Digestion & Excretion • Respiration and Gas exchange Then in BBC Bitesize Chemistry <ul style="list-style-type: none"> • The Particle Model of Matter • Atoms, Elements & Compounds 	Mitochondria Cytoplasm Enzyme Irreversible Element
Art Miss Foster	In Art this term, we are going to be exploring the world of Op Art. We will be looking at artists like Sol LeWitt and Bridget Riley and learning about how they have used black and white to create optical illusions in their artwork. We will be looking at the use of patterns and repeated images to create these illusions. Later, we will then also look at the use of colour, and we will develop our skills in using watercolours and pencils to add details in our artwork.	Pupils can be supported at home by describing different patterns that they can see; for example, they might be able to describe a pattern as a monochrome zig-zag pattern.	Illusion Monochrome Greyscale Pattern Three-dimension
DT Miss Attenborough	This term pupils will be learning about Textiles; they will develop their use of the sewing machine and develop their creative skills. The topic for the term is to design and make a material canvas based on the theme Graffiti, this will be created using harmonising colours. Pupils will be exploring textiles and graffiti art techniques, in which they will be adding their own ideas showing their personality. Pupils will also learn to develop their use of range of tools and create a range of textiles samples such as stencilling, embroidery, and Batik.	At home encourage pupils to look for Graffiti if you go out on walks. The big discussion for the group for the topic "is Graffiti Vandalism or Art?" This has started a good debate in which you could continue at home. If you can take any pictures of graffiti this would be great for inspiration.	Graffiti Embroidery Stencilling Harmonising Batik
PE & Games Mr Hunt	In term 1 pupils will be focusing on invasion games. Pupils will cover rugby focusing on passing, dodging and learning how to attack and defend. Then pupils will learn about basketball, the different ways to pass and shoot. Pupils will also learn how to play the game and the	Pupils can research different rugby and basketball rules. Pupils can also research the difference	Double dribble Set shot

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	roles involved in attacking and defending. In term 2 pupils will continue with their invasion games unit but also will get an opportunity on the trampoline. They will build on their prior knowledge which they gathered last year and now start looking at creating and performing small routines.	between rugby and rugby sevens.	Pivot Offload Drop goal
History Mr C Bentley	During term 1 we will be learning about the Roman invasion of Britain, exploring where they came from and their reasons for invading. We will study the role of important characters including Julius Caesar and Boudicca. We will particularly focus on the successful invasion of AD 60 and explore how the Romans changed Britain. In term 2 we will be moving onto learning about the Vikings and the Saxons, looking at their unique and interesting cultures.	Talk about historical events that happened when you are out. There are remains of a Roman Fortress at East Gate viewing gallery in the High Street of Gloucester. There are also remains in St Mary's de Crypt in South Gate Street also in Gloucester. BBC Bitesize also has some excellent Roman resources including a Summary of the Roman Empire - The Roman Empire - KS3 History Revision - BBC Bitesize	Celts Romans Invasion Aqueduct Empire
Geography Mrs Lamburn	In our unit of work called 'Volatile Earth', pupils will learn; earthquakes and volcanic eruptions are the most spectacular and dangerous of all natural hazards. They will learn about Plate Tectonics and understand reasons why some people choose to live in active zones, learning to live with the dangers of them. In Term 2, pupils will learn about the different elements that make up our planet and how they interact. They will learn how people use the Earth's natural resources and explore the issue of sustainability.	You can help your child by discussing any current or past news stories of earthquakes or volcanic activity, identifying their location on a world map and finding out details, such as the size, what type of volcano it is and how it may have affected the land and people around it.	Epicentre Magma Richter scale Tectonic plates Sustainability
Food Technology Ms Mullins	Pupils will be using the Eatwell Guide to understand Healthy Eating and dietary requirements. They will learn about different types of Proteins, how they are built and the role they have in the diet. They will cook a range of dishes from the commodity groups of meat, beans and chicken and will finish the term by cooking a Christmas dish.	Encourage your child to help with the shopping by choosing items and helping to pay for them. Let them help you with making meals and cleaning up.	Biological value Eatwell guide Protein Hygiene Cross contamination

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Computing Mr Naylor	We will begin the term looking at some of the more detailed aspects of online safety and protection, including the various types of malware and the various methods organisations try to obtain personal data and information. We will investigate methods of combatting these types of threats and risks.	When online, ask and discuss what the dangers might be with the site being used, ask how these dangers could be minimised, and who could help if there was an issue or problem.	Malware Phishing Spam Security
Music Mrs Lea	This term we will be learning to understand and recognise the Elements of Music and using these as a resource when we are composing our own music, creating and improvising and performing. Pupils will be using a variety of both tuned and un-tuned instruments to create their own pieces of music.	Encourage pupils to listen to a variety of songs and music at home. Ask if they can tell you about the tempo (speed) or the dynamics (loud/quiet). Ask questions about whether this changes throughout the song.	Pitch Tempo Dynamics Duration Texture Timbre
PSD Mr Hunt	This term we will be focusing on the importance of being healthy. We will discuss topics such as Physical activity, diet, personal hygiene, mental wellbeing and sleep. We will focus more on personal hygiene now the pupils are hitting puberty and the importance of dental hygiene, showering, having clean clothes and other personal hygiene tasks. We will also be focusing on the importance of mental wellbeing and to understand if one of our friends requires help with their mental health. Finally, we will discuss medicines and drugs and how we would use these correctly.	Encourage pupils to follow personal hygiene tasks at home. Keep reminding them that it is important to do this to help keep us healthy. Discuss the importance of doing things we enjoy to help improve our moods when we feel low.	Plaque Enamel Cavity Fluoride
RE Mrs Lamburn	Pupils will learn Christian views about Jesus, exploring why Christians believe He was God on earth (looking at the story of His birth nearer to Christmas). Pupils will look at evidence in the Old and New Testament that may support this claim and will consider whether He is the Messiah that the Jews had long hoped for. Pupils will also reflect on whether we need a Saviour today, or if we are responsible	Have conversations on what has been studied in RE, encouraging an attitude of respect and tolerance towards different beliefs.	Divine Humanist Incarnation

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	ourselves for 'saving' the world, also looking at a Humanists point of view.		Messiah Supernatural
Drama Miss Price	This term pupils will be following a scheme called "time travelling," where they will be performing plays and exploring key events, themes and characters from different historical eras such as the Stone Age, Ancient Egypt, Ancient Greece, Tudors, Vikings, and World War 1. They will also develop key drama skills such as characterisation, body language, team work, miming freeze frames, thought tracking, hot seating, evaluating/reviewing, soundscapes, stage directions, improvisation, devising and performance skills.	Encourage pupils to research each historical era we will be "time travelling" to. Encourage pupils to explain why they think particular characters are well acted and effective in certain TV programmes, films, plays and musicals.	Characterisation Thought tracking Improvisation Freeze frames Devising

