

Spring Term Overview



<u>Tutor Group 40</u> <u>Subject & Teacher</u>	Subject Overview	How you can help at home	Subject specific key words to practise with your child
<p>English Miss Chamberlain</p>	<p>Miss Chamberlain This term pupils will be continuing to build on their GCSE skills. Initially, we will be revisiting Language Paper 1 and how to approach answering each of the questions within this paper before then delving into Language Paper 2, breaking down the types of questions pupils may be faced with and how to approach writing responses to these. Pupils will continue to practise their analysis skills throughout as well as practising being able to compare two sources and writing persuasively. We will also then be working towards completing the spoken language element of the accreditation which requires pupils to demonstrate presentation skills in a formal setting; listen and respond appropriately to spoken language and use spoken Standard English effectively.</p>	<p>Miss Chamberlain Encourage pupils to consider the connotations of different words and to think of more sophisticated alternatives to words to promote their use of ambitious vocabulary. Encourage pupils to engage with a variety of fiction and non-fiction texts and consider the language and structural features of these. Engage in light-hearted debate with pupils to encourage the consideration of opposing viewpoints and how to deliver a persuasive argument.</p>	<p>Miss Chamberlain Language techniques Compare Analyse Perspective Persuasive writing</p>
<p>Miss Roberts</p>	<p>Miss Roberts This term, pupils will be working towards their Functional Skills Reading and Writing papers, which will be taken in March, and practising their Speaking and Listening skills for the non-exam assessment. Through a Narrative Writing unit and focusing on a range of reading texts, pupils will read and understand a range of specialist words in</p>	<p>Miss Roberts Please encourage pupils to read a range of documents available in the home, such as short newspaper articles, leaflets, formal letters and recipes. Encourage discussions around local events that are happening in the region, or the</p>	<p>Miss Roberts Persuade Argue Opinion Fact Audience Request</p>

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	context, compare information, ideas and opinions and recognise that language and other textual features can be varied to suit different audiences and purposes. We will be using different language and register, such as persuasive writing and supporting evidence in our writing, suited to audience and purpose.	pupils' specific interests and hobbies, and also relevant, topical world news.	Register
<p>Maths</p> <p>Mrs Sipek</p> <p>Mrs Emson</p>	<p>Pupils will continue to work towards the GCSE accreditation.</p> <p>Mrs Sipek</p> <p>Entry Level: Pupils will be looking at different aspects of geometry including properties of 2D and 3D shape, lines, angles, symmetry and position and movement. They will then work to improve their time telling skills including basic time telling and problem solving.</p> <p>Foundation Level: Pupils will learn to use their scientific calculators to support more complex calculations. They will work on calculating with decimals and progress to linking fractions to decimal notation.</p> <p>Mrs Emson</p> <p>Foundation Level: Pupils will use their scientific calculators to carry out complex calculations and to investigate standard form; this will strengthen their understanding of multiplication by powers of 10. They will work on understanding fractions, decimals and fractions as well as equivalent fractions.</p> <p>Higher level: Pupils will look angles in polygons and how this can be used to solve problems related to design. They will also plot graphs and see how graphs can be linked to sequences and direct proportion.</p>	<p>Entry Level pupils: Encourage pupils to identify shapes around them and talk about how they differ. Frequently ask pupils to tell the time using both analogue and digital time.</p> <p>Foundation and Higher pupils:</p> <p>Ensure they have a scientific calculator to support with homework ideally Casio model fx83 or fx85.</p> <p>Support weekly homework which is set on a Friday and due on a Tuesday.</p>	<p>Entry Level: vertices, symmetry, angles, parallel lines.</p> <p>Foundation level: shift, powers, roots, decimal, fraction.</p> <p>Foundation Level: Equivalent, Standard form, Powers and roots, Shift</p> <p>Higher Level: Interior and exterior, Nth term, direct proportion, axes</p>

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Science Mr Goodchild (Physics)	Physics This term we are finishing our topic on electricity and then revising this in preparation for a Topic 2 mock exam which will take place in the main hall. We will then continue on to study topics 3 and 4 on the Particle Model of Matter and Atomic Structure respectively. In these we will focus on density, motion of particles, changes of state, the structure of an atom and radioactivity.	Please encourage pupils to complete the homework set in their revision work books and use BBC bitesize to reinforce learning. The relevant BBC bitesize section is GCSE-Physics single award-AQA (electricity, particle model of matter and atomic structure) Encouraging homework set from their revision workbooks to be completed	Potential Difference Resistance Ohm Coulomb Ammeter
Miss Postans (Biology)	Topic 2 Organisation: Pupils will be revising the work completed last term on cells, tissues, organs and organs systems. This includes the digestive, respiratory and circulatory systems and associated organs. As part of the digestive system students need to revise food tests and how enzymes work. We will then complete work on plant systems and organs in preparation for the mock exams mid-January. We will then move on to Topic 3 Infection and Response where students will study the different types of pathogens that cause disease, how they spread and how they can be treated. This will include work on antibiotics and vaccines and on how new drugs are developed – very relevant at this point in history! Finally, we will study diseases in plants and their defence mechanisms.	Using BBC Bitesize to reinforce learning and aid revision. The relevant sections are in GCSE-Biology (single science)-AQA-Organisation and Infection and response.	Tissue Enzyme Pathogen Communicable Antibody
Computing	The students will continue to complete their and deliver their presentations. Once this has been completed the	Encourage students when using online systems that their log in credentials use	Attachment

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Mr Naylor	students will then continue to study Online Basics, this will allow the students to learn about different online systems and how they function and how to search the internet using keywords, they will also learn how to compose an email and use the functions within an email system.	passwords that are not common passwords that are easy to crack	URL (Uniform resource Locator) Encryption CC (Carbon Copy)
PSD Ms Mullins/Mrs Silverthorn	This term we will completing our second ASDAN unit entitled 'Parenting Awareness.' This will involve studying the demands of having a baby, the sources of help and support available for parents, and parent's responsibility for keeping a baby safe and healthy.	Have discussions with them about what it was like for you when they were a baby and the various challenges and problems you faced and how you overcame them	Emotionally Physically Health Facilities Demanding
RE Mrs Silverthorn	This term we will complete our unit of work on Religions and Beliefs for the 6 Main World Religions. Pupils will research the fundamentals of at least one organisation that adheres to a strong ideology and/or belief system. They will also develop their knowledge of at least three religious festivals celebrated in the UK. After half-term we will move onto the unit of work entitled Existence of God. Through this unit pupils will learn about the differing arguments for the existence of God and why people feel it is difficult to prove God exists.	Have discussions at home with the pupils about aspects of their unit they have learnt in school and about their thoughts and opinions on these viewpoints.	Beliefs Practices Theist Atheist Agnostic
PE & Games Mr Hunt and Mr Altman	Pupils who haven't had chance yet will have the opportunity to practise and perform their routine on the trampoline with Mr Altman. Pupils will be creating a routine involving a range of movements for their GCSE Entry Level qualification. Pupils who have practised and filmed their routine will now start to develop their shotput and running technique for their athletics assessment with Mr Hunt. All pupils will be learning to push the shotput making sure they use the correct setup and recovery to gain maximum distance in the throw. Some pupils will also learn to glide to enable them to throw further.	Watch athletics on TV Research different athletes and their techniques. Practise leg and arm action in your house or go out for a run.	Glide Power Trajectory Leg Action Head Carriage

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Media Studies Miss Roberts	In Media Studies, the pupils will start the Spring Term by building their knowledge from Unit 1 up, by honing their skills through the analysis of set products. They will then move onto their second unit which focuses on Media Representations, which will build towards the pupils Non-Exam Assessment which is 40% of the GCSE.	To continue their progression at home, get the pupils to go over their key terminology and definitions, so that they can continue utilising the language required in the subject.	Audience Representation Connotation Denotation Industry
Design Technology Miss Attenborough	This term pupils will be continuing their mock NEA project on healthy lifestyles. This is at the development stage. Pupils will be focusing on the development of their designs and using client feedback to inform their decisions. This will be a range of isometric drawing, CAD and modelling. Pupils will be also developing their theory knowledge so will be introduced to manufacturing methods and types of materials.	Please could you help at home by giving them client feedback on their ideas. This must be constructive to help them develop their ideas. Encourage pupils to practice their isometric and 3D drawing skills.	Isometric Development CAD - Computer Aided Design Iterative Design Modelling
History Mrs Lamburn Mr Bentley	In term 3-4 we will finish Crime & Punishment and move on to The Norman Conquest. Key themes in this unit are; What was Anglo Saxon England like before the Conquest? What led to William conquering England in 1066? What resistance and rebellions occurred in response to the invasion? What was the nature and purpose of Norman Castles? What was the impact of the invasion on English society up to the period 1087? Pupils will need to refer to second order concepts in their answers and become familiar with making judgements about a range of interpretations of historical events including academic, educational, popular and fictional interpretations.	Encourage reading around the topic. Have discussions of the events leading up to the Norman Conquest and its impact on England up to 1087. Prompt to complete weekly homework as independently as possible and give a reminder to make links to second order concepts in any exam style questions.	Feudal system Harrying of the North Murdrum Rebellions Thegn Witan
Life Skills	This term we will be focused on cooking on a budget. We will start looking at what is a healthy diet and examples using the Eat Well Plate. We will investigate what are the	Please have discussions about having a balanced and varied diet which has fats and sugars in moderation. This will back up	Carbohydrates Fats

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<p>Mr Sheppard</p> <p>Mrs Silverthorn</p>	<p>recommended daily nutritional requirements for teenagers and why it is important to be aware of food intake. We will build up to practical cooking lessons where pupils will cook a sample of dishes that are balanced and varied. The challenge will be to create a two-week meal planner for a single person with a budget of £5 per day.</p> <p>This half-term we will focus on shopping and purchasing regular household items. We will explore what items are purchased on a regular basis and which items are purchased less frequently. We will plan a shopping trip to Morrisons for pupils to purchase at least one item of household shopping.</p>	<p>what is being discussed in school.</p> <p>Discuss household shopping with pupils and the frequency of buying items. Take the pupils with you shopping to develop their understanding of the process.</p>	<p>Sugars</p> <p>Varied</p> <p>Nutritional</p> <p>Household items</p> <p>Food items</p> <p>Weekly</p> <p>Monthly</p> <p>Budget</p>
<p>Art</p> <p>Miss Foster</p>	<p>This term, pupils will be completing their Natural Forms project. They will be exploring further areas of art, such as printing, pottery, wire and collage, and will be using these new materials and techniques to experiment in their sketchbooks. By the end of this term, they will be able to evidence a range of art approaches inspired by natural forms in their sketchbooks and will continue to practice how to freely make choices and decisions in their artwork with informed ideas from experimentation and research.</p>	<p>You can support pupils at home by talking about natural forms and examples of artwork using natural forms. Artists such as Andy Goldsworthy, William Morris and Ernst Haeckel have produced work inspired by found natural objects, flora and animals. Encourage pupils to write down any information or ideas that come from discussions to potentially use in their artwork.</p>	<p>Experiment</p> <p>Develop</p> <p>Refine</p> <p>Annotate</p> <p>Evaluate</p>
<p>Hospitality and Catering</p> <p>Ms Mullins</p>	<p>Pupils will be learning about the Catering and Hospitality industry- in particular, the different types, the services the offer and their customer base. They will look at a range of job roles within industry and begin to understand working conditions and contracts. Pupils will have opportunities to develop their practical skills by cooking a range of savoury and sweet dishes to develop their cookery skills and techniques.</p>	<p>Encourage helping in the kitchen with preparing foods, cooking and washing up. Watch cookery programs and discuss the foods. Involvement in menu planning for the shopping list of food for the family.</p>	<p>Establishments</p> <p>Commercial</p> <p>Residential</p> <p>Contract</p> <p>Customer</p>