

# Spring Term Overview 2024



Head Teacher: **Clare Steel**

<p><u>Tutor Group 10L</u> <u>Subject &amp; Teacher</u></p>	<p><b>Subject Overview</b></p>	<p><b>How you can help at home</b></p>	<p><b>Subject specific key words to practise with your child</b></p>
<p><b>English GCSE</b> <b>Miss Barrow</b></p>	<p><b>GCSE</b> During Terms 3 and 4 pupils will be focusing on the skills required for their English Language GCSE Paper 2. Term 3 will focus on the writing section of the paper looking at the different genres and styles needed as well as the different techniques and their effect. In Term 4 pupils will be exploring the reading section of the paper and learning how to approach the questions. They will be developing their language analysis skills to examine how authors use language to create an effect on the reader.</p>	<p><b>GCSE</b> Please encourage your child to read a range of texts including both fiction and non-fiction literature.  There are many online resources available for revision including BBC Bitesize.</p>	<p><b>GCSE</b> Fiction Non-fiction DAFORREST Structure Genre</p>
<p><b>Maths</b> <b>Mr Upward</b></p> <p><b>Mrs Sipek</b></p>	<p><b><u>Essential Maths Skills Level 2 / GCSE</u></b> Pupils will work firstly to complete a unit on fractions and mixed numbers – comparing, simplifying, adding and subtracting.  Pupils will then move on to working with decimals – ordering, calculating with and estimation.  Pupils will then move onto working with 2D and 3D shapes – area and perimeter, surface area, nets, volume</p> <p><b><u>Essential Maths Skills Level 1 / GCSE</u></b> <b>Mrs Sipek:</b> Pupils will firstly complete a unit on fractions, comparing and finding fractions of whole numbers. They will then focus on calculating and rounding with decimals. The next unit will focus on shape, developing visualising and drawing skills,</p>	<p>Please encourage pupils to take care with homework set – this can be calculated as evidence towards their NCFE qualification.</p> <p>Please encourage pupils to develop their understanding of fractions and decimals by discussing those that are seen in everyday life eg in food recipes, or working with</p>	<p>Simplify Mixed Number Improper Fraction Round Surface area Volume Net</p> <p>Simplifying Decimal place Elevation</p>

<u>Tutor Group 10L</u> <u>Subject &amp; Teacher</u>	<b>Subject Overview</b>	<b>How you can help at home</b>	<b>Subject specific key words to practise with your child</b>
<p><b>Mrs Lea</b></p>	<p>interpreting plans, elevations, and nets of simple 3D shapes and in calculating the volumes of cubes and cuboids.</p> <p><b>Entry Level Maths</b></p> <p>This term pupils' will complete their unit of work on the four operations which involves developing their understanding of calculations and how to solve word problems. Later in the term they will move onto ratio. This will involve looking at balancing equations and fractions in both shape and number. They will find out how to find compare and order fractions as well as calculate equivalent fractions</p>	<p>money. Pupils can find support on <a href="http://www.bbc.co.uk/bitesize">www.bbc.co.uk/bitesize</a> and practise their skills on Mathspad.</p> <p>Please support weekly homework.</p> <p>Please look for opportunities at home to use mental arithmetic and times tables</p> <p>Log on to Study ladder for further practise. <a href="http://www.studyladder.co.uk">www.studyladder.co.uk</a></p> <p>Please continue to support students with their homework. <a href="https://login.mymaths.co.uk/login">https://login.mymaths.co.uk/login</a></p>	<p>Volume degrees</p> <p>Add Subtract Multiply Divide Fraction</p> <p>Half</p> <p>Quarter</p>
<p><b>Physics</b> <b>Mr Goodchild</b></p>	<p>This term we will be completing Topic 2 'Electric Circuits' by learning about the national grid and static electricity.</p> <p>We will then move onto Topic 3 'The Particle Model of Matter' where pupils will learn about how the particle model can explain how solids liquids and gases change state and how latent heat plays a role in this process. They will also learn how to measure the density of an object and the factors that affect gas pressure.</p> <p>In term 4 we will start Topic 4 'Atomic Structure' where pupils will learn about how the model of the atom has changed as new discoveries have been made, why some atoms are radioactive</p>	<p>Please encourage pupils to complete homework on time. This will be to complete pages of the workbook which relate to the topics covered in lessons. The workbook contains questions for pupils to answer and pupils can write their answers directly into the workbook. The revision guide pages link directly to the workbook pages (they have the same page titles) and have the relevant information needed to support pupils answering the questions in the workbooks.</p>	<p>Density Pressure Condense Evaporate Volume Proton Neutron Ionising</p>

<u>Tutor Group 10L</u> <u>Subject &amp; Teacher</u>	<b>Subject Overview</b>	<b>How you can help at home</b>	<b>Subject specific key words to practise with your child</b>
<p style="text-align: center;"><b>Biology</b></p> <p style="text-align: center;"><b>Miss Postans</b></p>	<p>and the properties of radioactive particles that are emitted by these atoms. We will then learn about the uses and dangers of these radioactive particles.</p> <p>During term 3 pupils will be completing topic 2: Organisation 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.</p> <p>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.</p>	<p>You can also use BBC bitesize to support by going to the GCSE AQA Physics (single science) section where all the topics correlate directly to those we are studying.</p> <p>Please encourage the completion of the homework tasks and help them engage in the Seneca learning online revision package. They can also use the BBC Bite Size KS4 AQA Biology to reinforce all the topics they will have in their exams</p>	<p>Nuclear Charge</p> <p>Tissue Enzyme Pathogen Communicable Antibody Antibiotics</p>
<p style="text-align: center;"><b>IT</b></p> <p style="text-align: center;"><b>Mr Wootton</b></p>	<p><b>Level 2- Ingots IT User Skills</b></p> <p>Pupils will be working on understanding the need to follow copyright rules when using information of the internet.</p> <p>We will then move toward completing a presentation based on a topic of their own choice, they will be thinking of the intended audience and how the content must be suitable for them. They will then be learning about online safety and how it pertains to using the internet. They will understand how to spot phishing scams, deal with viruses and other threats, and how to generally stay safe online.</p>	<p>Discuss with your child any possible scams that you have encountered either through email, text or phone calls, explain how you were able to spot them and share any of your own knowledge about online threats</p>	<p>Virus Phishing Security Scammer Safety</p>
<p style="text-align: center;"><b>PSD</b></p> <p style="text-align: center;"><b>Mrs Lea</b></p>	<p>This term, we will be learning about healthy eating. Pupils will explore the various food groups and discover how they can adopt a healthy approach to managing their food choices. In addition to this, pupils will create their very own menu focused</p>	<p>To support your child's learning, we encourage you to engage in conversations about healthy eating at home. Involve them in meal planning and preparation and</p>	<p>Protein Carbohydrates Fats Oils</p>

<u>Tutor Group 10L</u> <u>Subject &amp; Teacher</u>	<b>Subject Overview</b>	<b>How you can help at home</b>	<b>Subject specific key words to practise with your child</b>
	<p>on healthy eating. They will also get the chance to design and preparing a nutritious meal.</p> <p>Furthermore, we aim to broaden our understanding of the diverse dietary needs of individuals. We will examine conditions such as lactose intolerance, gluten intolerance, vegetarianism, and veganism.</p>	<p>encourage them to think critically about the food groups they are consuming. Additionally, discussing the dietary needs of various individuals will expand their understanding and promote inclusivity</p>	<p>Diabetes</p>
<p><b>PE &amp; Games</b> <b>Mr Altman &amp; Mr Stinton</b></p>	<p>During this term we will be focusing on two topics basketball and trampolining.</p> <p>In the trampolining topic pupils words. Learn new skills Like. Tuck jump, staddle, pike, seat drop, half twist. Some pupils will learn advanced skills like, front drop, back drop swviel hips. Pupils will then implement these skills into a 6 to 10 jump routine.</p> <p>During term 2, pupils will be learning about basketball. They will practice essential skills, like passing, shooting, tackling, ball control, dribbling, and attacking/defensive gameplay. Finally, pupils will learn about the different positions in basketball and know what each player should do in their role.</p>	<p>To support your child's learning, it would be beneficial to discuss how basketball is scored and some of the basic rules within the game.</p> <p>Basketball is a popular sport played all around the world. Understanding the scoring system and rules will help your child appreciate and enjoy the game even more.</p>	<p>Pike</p> <p>Straddle</p> <p>Focus</p> <p>Aesthetically pleasing</p> <p>Body tension</p> <p>Set shot</p> <p>Drive</p> <p>Trajectory.</p>
<p><b>R&amp;W</b> <b>Mrs Silverthorn</b></p>	<p>This Spring term, we are moving onto a new unit of work about Rites of Passage within three of the six main world religions; Christianity, Judaism and Islam. We will begin by learning about the birth rites of passage and what ceremonies take place for Judaism and Islam, as well as aspects of a Christian infant baptism ceremony. We will then move on to learn about the importance of Confirmation ceremonies to Christians and the importance of Bar/Bat Mitzvah to Jews with regards to coming of age ceremonies. The final part of the unit will look at end of life ceremonies and traditions for Christianity, Judaism and Islam.</p>	<p>Parents can support pupils at home by discussing various rites of passage and any events that they have been part of.</p>	<p>Baptism</p> <p>Brit Milah</p> <p>Circumcision</p> <p>Aqiqah Party</p> <p>Bar+Bat Mitzvah</p> <p>Confirmation</p> <p>Death</p>

<u>Tutor Group 10L</u> <u>Subject &amp; Teacher</u>	<b>Subject Overview</b>	<b>How you can help at home</b>	<b>Subject specific key words to practise with your child</b>
<b>Option Subject:</b>  <b>Fine Art</b>  <b>Miss Foster</b>	<p>This term, Year 10 pupils will continue to develop their projects in either Crowded or Habitats. They will explore methods of print making, painting and sculpture in their lessons inspired by their research and individual ideas. Work produced by pupils will contribute to their Portfolio component of their GCSE. Pupils will continue to develop their skills in presenting, annotating and evaluating their work as it progresses, and will continue to build their confidence in following their own ideas in their artwork to a neat conclusion in the form of a final piece later in the year.</p>	<p>Adults can support pupils at home by encouraging the independent completion of art homework as set on Teams, as well as having open discussions with pupils about their artwork in order to extend their artistic vocabulary. Please note that all work must be completed by the pupil, including photography and drawings. Adults can support pupils by providing feedback on their work, and sharing their opinions, but cannot support in any practical activities. Photos of work completed by pupils must not be shared via any social media platforms.</p>	Portfolio Crowded Habitat Project Research Experiment Develop Refine Annotate
<b>Option Subject:</b>  <b>ELV</b>  <b>Mr Stenning</b>	<p>This term the pupils will complete their final module in the independent living course: Cooking on a budget. They will explore ways to buy food and explore ways of keeping the cost down when shopping and cooking.</p> <p>After which they will start the gardening course in which the group will learn about what it takes to grow and maintain a garden and help develop the school garden and allotment.</p>	<p>Encourage your child to help in the garden maintain or grow something.</p>	Plants Soil Fertiliser Weed Gardening tools
<b>Option Subject:</b> <b>Hospitality &amp; Catering</b>  <b>Mrs Goss</b>	<p>This term, during <b>theory lessons</b> pupils will be learning about the operations of both the front and back of house in the hospitality and catering industry. Through these lessons, pupils will gain a comprehensive understanding of how the industry functions, from customer requirements and expectations to the operational aspects that contribute towards a good level of service.</p> <p>This knowledge will support a written examination which contributes to 40% of the overall qualification grade which will take place in 2025. There is homework provided once a week for</p>	<p>Encourage pupils to cook at home as much as possible. They should be beginning to have a good 2-3 dishes which they feel confident with cooking almost independently.</p>	Aeration Back of house Customer service Front of house Kitchen brigade Stock control Workflow

<u>Tutor Group 10L</u> <u>Subject &amp; Teacher</u>	<b>Subject Overview</b>	<b>How you can help at home</b>	<b>Subject specific key words to practise with your child</b>
	<p>pupils to complete, this may entail pre-learning or consolidation of a topic.</p> <p><b>Practical lessons</b> aim to build on previous learning from the term before and KS3. Some of the main course dishes include making a fresh tomato sauce (blanching, skinning and deseeding), as well as making and cooking fresh pasta and then combining skills to make chicken parmigiana. Desserts include making: meringue kisses, vanilla ice cream, coulis/caramel sauce, meringue sundaes and Eton mess Swiss roll.</p>		
<p><b>Option Subject:</b></p> <p><b>DT</b></p> <p><b>3D Design</b></p> <p><b>Miss Attenborough</b></p>	<p>This term year 10 will be working on the project 'Mechanical Objects'.</p> <p>The pupils will be exploring a range of designers/artists, developing their own observations through drawing and sculpture. Later in the term pupils will be then explore a range of mixed media and experimenting to develop skills.</p> <p>Finally, they will use their journey to develop their own mini sculptures/final piece. They will develop their mounting and presentation skills in their portfolio.</p>	<p>At home you can encourage pupils to work on their portfolio at home. Tasks will be set which need to complete and extra work is always encouraged to stretched and complete their practical work. Please ensure this is independent work and allow pupils to expand and add annotation to their portfolio. Feedback on their work will help inform ideas but this must be their own work.</p>	<p>Mechanical</p> <p>Annotation</p> <p>Exploration</p> <p>Mixed media</p> <p>Experiment</p> <p>Sculpture</p>
<p><b>Option Subject:</b></p> <p><b>Media</b></p> <p><b>Mr Bentley</b></p>	<p><b>Qualification Title and Level: GCSE Media Studies Level 2</b></p> <p>Pupils will be continuing their work for Component 1 (section A and B). As part of section A pupils will be continuing to apply and develop their knowledge on representation, audiences, and context to film posters and newspapers. They will also be continuing their work on denotations and connotations. As part of section B, we will be listening to the Archers - exploring reasons why this radio program is so popular and learning about the key demographics of the audience. Pupils will also look at the 'Bond Website' and website of the film 'No Time to Die', as well as look at the game Fortnite. Pupils will develop knowledge and understanding of key aspects of media industries, including</p>	<p>Familiarise your child with newspapers and their layout by looking at examples together – this could include free local papers.</p> <p>Watching 'The Man with the Golden Gun' and 'No Time to Die' will help pupils understand the films behind the posters/websites. Explore the No Time to Die website.</p>	<p>Denotation</p> <p>Connotation</p> <p>Strapline</p> <p>Standfirst</p> <p>Gratification Theory</p>

<u>Tutor Group 10L</u> <u>Subject &amp; Teacher</u>	<b>Subject Overview</b>	<b>How you can help at home</b>	<b>Subject specific key words to practise with your child</b>
	<p>ownership, funding, regulation, production, distribution and technology.</p> <p>As they progress, the pupils will begin more in-depth work on mark schemes and how to construct extended analytical writing in response to exam-style questions.</p>		
<p><b>Option Subject:</b></p> <p><b>History</b> <b>Miss Dyer</b></p>	<p>This term we will be finishing off the Crime and Punishment unit, looking at Britain since 1900. We will explore the major technological, social and political changes from this period, and we will also be learning about crimes and changes in enforcement. We will then be looking at the Norman invasion from 1065-1087 including the Anglo-Saxon society and the impact of the Norman invasion on the people of Britain. We will look at how William maintained control, and the legacy that was left after the Norman invasion including changes to language, law and church.</p>	<p>It is very important that pupils complete the homework that is set; pupils have access to resources in the History classroom whilst in school. OCR also provides past exam papers and questions which are available on their website.</p>	<p>Anglo Saxon</p> <p>Domesday Book</p> <p>Invasion</p> <p>Culture</p> <p>Continuity</p>
<p><b>Option Subject:</b></p> <p><b>Sports Leadership Level 1</b></p> <p><b>Mr Altman</b></p>	<p>The year 10 sports leaders will be focusing on Unit Two of their qualification which is planning, assisting in leading and evaluating physical activity sessions. Firstly, pupils will learn the six different elements to a successful leadership session. Pupils will then look at the considerations they will need to make to their sessions if an unexpected event was to happen. Pupils will also focus on organisation of sessions and discover what is required to lead an organised session. Finally, pupils will learn about the importance of safety, and how this is one of the most important aspects of leading a session.</p>	<p>Parents can discuss what risks could occur when coaching a session.</p>	<p>Self Belief</p> <p>Self Management</p> <p>Problem Solving</p> <p>Risk</p> <p>Hazard</p> <p>Organisation</p>
<p><b>Option Subject:</b></p> <p><b>Computer Science</b></p> <p><b>Mr Naylor</b></p>	<p><b>Qualification Title and Level: OCR GCSE Computer Science</b></p> <p>In term 3 we will be learning about Networks. This will include topologies, types of networks, encryption and protocols. We will also be learning about types of network attack and how we can mitigate risk with use of various security methods.</p>	<p>As we use a flip learning technique, students need to ensure that they are taking suitable notes while watching the videos and making sure that they are making note of key words within Teams. Make use of</p>	<p>Network</p> <p>LAN</p> <p>WAN</p>

<b><u>Tutor Group 10L</u></b> <b><u>Subject &amp; Teacher</u></b>	<b>Subject Overview</b>	<b>How you can help at home</b>	<b>Subject specific key words to practise with your child</b>
	We will be continuing our journey programming within Python.	Seneca Learning and the BBC Bitesize website.	Topology Switch





