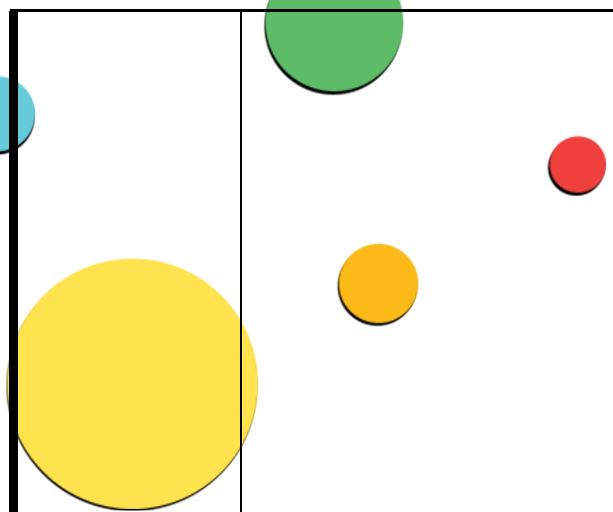


Straits International School Rawang

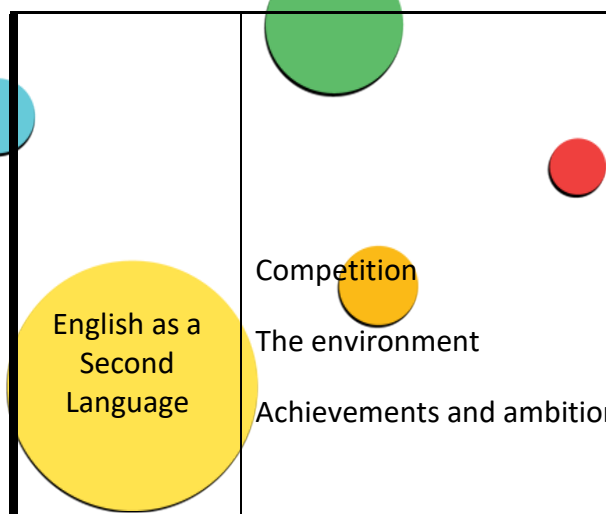
Curriculum Overview

Year 9 Term 3.1 2024/2025

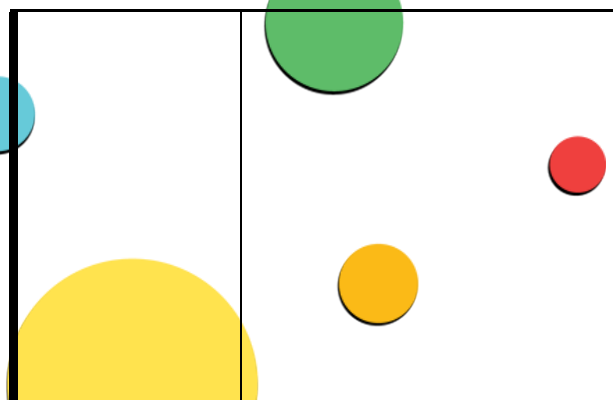
Term 3.1	What are we learning?	What KUS will we gain?	What will excellence look like?
Mathematics	<p>Chapter 17 Managing Money</p> <p>Unit 21 Ratio & Rate, proportion</p>	<p>Students will be using the formula to calculate simple and compound interest, solve problems related discounts, profits, and loss in everyday contexts and to perform financial calculations, use exponential growth and decay in relation to finance. Divide amounts in given ratio, make sense of scales on maps, models and plans, calculate average speed, interpret distance-time and speed time graphs and understand and solve problems using direct and inverse proportions.</p>	<p>Excellence in managing money is demonstrated by making well-informed financial decisions involving compound interest, tax calculations, and cost comparisons, with clear and logical reasoning applied across multi-step problems.</p> <p>Excellence in ratio and proportions involves confidently solving complex proportional reasoning problems, applying both direct and inverse proportion with accuracy, and justifying solutions within real-world contexts such as finance, science, and engineering.</p>
How will this be assessed?		Class discussions, mental maths, sparx maths, minor assessments.	
First Language English	Novel Study – <i>Animal Farm</i>	<p>Students will obtain a knowledge of social and historical context, and how this can affect a writer's choices. They will obtain more of the skills needed for Literature study at GCSE, including knowing how to analyse deeply and make links between text and context. They will understand how writers create character and will have opportunities to practise</p>	<p>In this unit, excellence means going beyond just understanding the story — it means thinking deeply, making connections, and writing clearly and thoughtfully about the text.</p> <p>To excel in this unit, students should know how <i>Animal Farm</i> links to real historical events like the Russian Revolution and be able to explain</p>



	<p>characterisation for themselves. Students will be introduced to the Literature assessment objectives at GCSE and will obtain an understanding of how best to meet these objectives in their essay writing. They will develop essay writing skills and learn techniques and structures to help them in writing.</p> <p>The assessment objectives for this unit are:</p> <p>AO1: Show detailed knowledge of the content of literary texts, supported by reference to the text.</p> <p>AO2 Understand the meanings of literary texts and their contexts and explore texts beyond surface meanings to show deeper awareness of ideas and attitudes.</p> <p>AO3 Recognise and appreciate ways in which writers use language, structure and form to create and shape meanings and effects.</p> <p>AO4 Communicate a sensitive and informed personal response to literary texts.</p>	<p>how Orwell's context influenced the choices he made in the story — including his use of allegory and characterisation. Additionally, students will show the ability to analyse language, structure, and character in depth look for hidden meanings, and make strong, thoughtful points, backing them up with precise quotes. Students will develop clear arguments in their essays and stay focused on the question throughout. They will be able to write with control and confidence, carefully planning their ideas and using essay structures to keep their writing focused. They will show that they understand how to demonstrate each of the assessment objectives in their writing.</p> <p>Outside of the classroom, students may wish to:</p> <ul style="list-style-type: none"> • Ask questions about what they read — why did Orwell choose to write this way? • Think about how the story relates to the world today. • Read around the topic — articles, videos, or even other Orwell works can give a deeper understanding.
How will this be assessed?	<p>Students will be assessed with formative & summative assessments, which will involve analytical writing, culminating in a full essay for the minor assessment.</p>	

 <p>English as a Second Language</p>	<p>Competition</p> <p>The environment</p> <p>Achievements and ambitions</p>	<p>Students explore the theme of Competition, learning vocabulary related to sports, games, rivalry, and teamwork. They discuss the pros and cons of competition, practise expressing opinions, and write arguments using persuasive language and modal verbs. For The Environment, students expand their vocabulary around climate change, pollution, conservation, and sustainability. They engage with reading and listening texts about global and local environmental issues, and practise giving advice, writing formal letters, and using conditionals to suggest solutions. For the of Achievements and Ambitions, students reflect on personal and global success stories, learn goal-setting language, and use future tenses to discuss their dreams and plans.</p>	<p>Excellence is shown through confident use of topic-specific vocabulary, accurate grammar, and the ability to express thoughtful, well-structured ideas in both speech and writing. Students will demonstrate clear understanding of global issues, as well as personal insight in discussions and written work.</p>
<p>How will this be assessed?</p>		<p>Persuasive writing, a formal letter about an environmental issue, and a personal statement on future ambitions, listening and reading comprehension tasks</p>	
<p>English as an Additional Language (EAL)</p>	<p>Happiness</p>	<p>In this unit on Happiness, students will explore different perspectives on what happiness means, developing their critical thinking skills by agreeing or disagreeing with various statements. They will enhance their grammatical accuracy by learning and applying comparative and superlative adjectives, as well as using least and less correctly. Through reading and listening activities, they will practice identifying key facts and details, improving their comprehension</p>	<p>Excellence in this unit will be demonstrated by students confidently expressing well-reasoned opinions on different perspectives of happiness, using clear arguments and supporting ideas. Their grammatical accuracy will be evident in their fluent and precise use of comparative and superlative adjectives, as well as least and less, in both spoken and written tasks. Their reading and listening responses will showcase strong comprehension skills, with the ability to identify,</p>

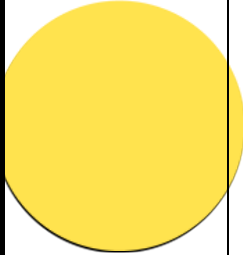



		skills. They will refine their ability to summarize information effectively and expand their emotional vocabulary by discussing feelings. Speaking activities will help them compare ideas fluently, while a presentation on managing emotions will develop their confidence in organizing and delivering information. The unit will conclude with a quiz to reinforce learning. By the end of the unit, students will have strengthened their ability to express opinions, compare ideas, retrieve information, summarize key points, and communicate effectively about emotions and well-being.	retrieve, and synthesize key facts and details effectively. Their summaries will be concise, well-structured, and reflective of key ideas. Discussions on feelings will be insightful, demonstrating a rich emotional vocabulary and the ability to articulate emotions with depth. Speaking activities will show fluency and confidence in making comparisons, while their presentations on managing emotions will be engaging, well-organized, and persuasive. The wrap-up quiz will highlight their mastery of key concepts, showcasing their ability to communicate thoughtfully about emotions, well-being, and happiness.
How will this be assessed		Formative and summative assessments, presentations, projects, Quizzes, and worksheets.	
Science	C4 Electrochemistry	<p>This unit explores electrolysis, the decomposition of ionic compounds using electric current. Students will identify key components in electrolytic cells, observe electrode reactions in molten lead(II) bromide, concentrated sodium chloride, and dilute sulfuric acid, and recognize patterns in product formation. They will also predict electrolysis products in molten binary compounds.</p> <p><u>Knowledge, Understanding, and Skills</u></p>	<p>Excellence means accurately defining electrolysis, identifying key components, and explaining electrode reactions with clear scientific reasoning. Strong work includes detailed justifications for ion discharge, linking observations to theory, and confidently predicting products using charge and reactivity trends.</p> <p>To achieve top marks, students should practice predicting electrode products, use half-equations to explain reactions, and analyze experimental observations critically. Reviewing</p>

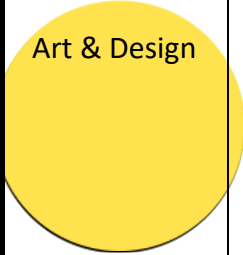
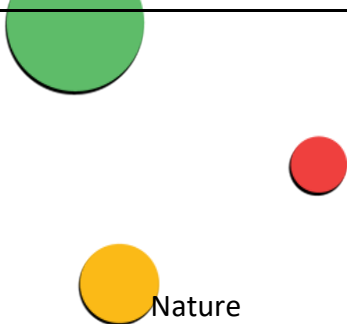


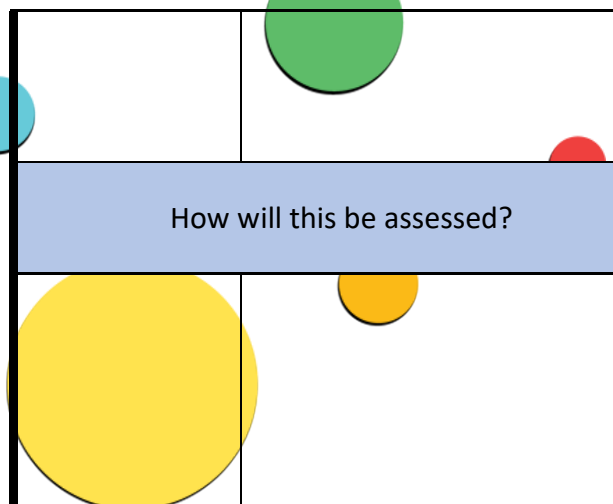
		<p>Students will understand how electrolysis works and identify electrode reactions. They will explain observations from key electrolysis experiments and predict electrode products using ionic charge and reactivity trends. Practical investigations will enhance their observation, analytical, and problem-solving skills, linking theory to experimental results.</p>	<p>past exam questions and refining explanations will further enhance their understanding.</p>
How will this be assessed?		Quiz, presentation, group work and minor assessment	
History	From Empire to Commonwealth	<p>Students will explore the transformation of the British Empire into the Commonwealth, focusing on the significant historical events and social changes that shaped migration, decolonization, and the development of a multicultural Britain. They will gain insight into the complex reasons behind the decolonization process, examining political, economic, and social factors that contributed to the end of the empire. Additionally, students will understand the impact of migration, particularly the movement of people from former colonies to Britain, and how this contributed to the cultural shifts that occurred during the 20th century. By studying these topics, students will develop a deeper understanding of how these events and changes</p>	<p>Students should demonstrate accurate knowledge of decolonization and migration, including key historical events, figures, and the impact on British society. They are expected to critically analyze the causes and consequences of migration and decolonization, compare independence movements, and evaluate their effects on Britain's demographics and culture. Strong communication is essential, with clear expression and effective use of evidence in writing and discussion. Finally, students should apply critical thinking to assess long-term political and societal impacts, particularly the emergence of multiculturalism in Britain.</p>

		have shaped modern British society and its diverse, multicultural identity.	
How will this be assessed?		Discussion, writing, project, games	
Enterprise	Communication	Students will gain a comprehensive foundation in both the theoretical and practical aspects of communication, focusing on how to effectively convey ideas, listen actively, and engage with others in a variety of contexts. This will include developing skills for clear verbal and written communication, as well as understanding the importance of non-verbal cues and cultural nuances. These competencies will not only help students navigate business environments but also enhance their ability to communicate in personal and social situations. By the end of the course, students will be better prepared to thrive in diverse professional settings, build strong relationships, and confidently express themselves in a wide range of scenarios.	Demonstrate deep knowledge, strong practical skills, and an understanding of the importance of clear, ethical, and effective communication in business contexts. Students apply these skills, both in formal assessments (presentations, written reports) and informal settings (group work, discussions).
How will this be assessed?		Quiz, project, groupwork, minor assessment	
ICT	Chapter 1: Computational Thinking: Programming Languages	Students will gain knowledge of how data is used in programming, the efficiency of various algorithms, search techniques, and integrating code with hardware. They will develop skills in implementing data structures, applying and comparing search algorithms, systematically	Writing optimized, well-tested code using appropriate search algorithms and ensuring smooth interaction between software and hardware.

		testing code, and programming hardware interactions. Understanding the importance of selecting efficient algorithms and ensuring reliable hardware-software integration through rigorous testing will enable students to create effective and functional systems.	
How will this be assessed?		Minor Assessment, Quiz, Problem Solving Task	
Malay Language	Unit 17: Tempat untuk Dilawati dan Pusat Pelancongan (<i>Places to Visit and Tourist Attractions</i>)	In Unit 17: Tempat untuk Dilawati dan Pusat Pelancongan (Places to Visit and Tourist Attractions), students will gain key understanding and skills (KUS) that allow them to confidently talk about places of interest in Malaysia, use related vocabulary, and apply Kata Seru (exclamatory words) correctly in speech and writing. They will learn the names and features of popular tourist destinations such as Pulau Langkawi, Menara Kuala Lumpur, Zoo Negara, and Taman Negara, and describe what makes these places special. Students will also be able to express excitement, surprise, or emotions related to these attractions using appropriate Kata Seru such as <i>Wah, Amboi, Eh, Aduh, and Alangkah</i> .	Excellence in this unit will be demonstrated when students can accurately use a wide range of vocabulary related to Malaysian tourist spots and construct clear, enthusiastic sentences to describe them. They will confidently talk about their favourite places to visit, give reasons, and use Kata Seru appropriately to show feelings and emphasis. Students who excel will participate actively in conversations or presentations, describe tourist destinations using detailed and lively language, and show a strong understanding of both vocabulary and grammar. Their work will reflect fluency, cultural awareness, and expressive use of the Malay language.
How will this be assessed?		Assessment, Worksheet, Q&A, Quiz	

 Mandarin	   Mandarin Advanced: The Environment, Urban and Rural Environments 自然环境、乡城环境和全球化 Chinese Intermediate: Topic 1: Leisure and Topic 2: Festivals	Mandarin Advanced: 本课程将围绕自然环境、乡城环境和全球化展开，培养学生在环境问题上的知识、理解和技能。学生将学习素食主义对环保的影响、企业社会责任的案例分析、城乡人口迁移的原因及其影响，以及外卖行业带来的环境问题。同时，他们将掌握可持续发展、企业伦理和城乡发展等相关词汇。 Intermediate: Students will develop knowledge of travel-related vocabulary, festival traditions, and cultural customs in Mandarin-speaking regions. They will gain an understanding of how to discuss past travel experiences, plan overseas trips, and describe festival celebrations. Key skills include forming coherent sentences about travel plans, using descriptive phrases for cities and landscapes, and explaining festival customs with cultural significance. Additionally, students will practice comparing Chinese and Western festivals and refining their speaking, listening, reading, and writing abilities through real-world scenarios, such as booking travel arrangements and narrating festival experiences in Mandarin.	Mandarin Advanced: 通过阅读理解，学生能够深入分析文章内容，比较不同观点，并做出合理评价；通过听力训练，他们能够抓住主要信息，理解细节和隐含意义；在口语表达方面，学生需清晰阐述个人观点，运用恰当的词汇，并提供有力论据；在写作中，他们将撰写结构清晰、论证充分的文章，运用复杂句式和丰富词汇。此外，本课程强调批判性思维，要求学生针对现实中的环境问题提出合理的解决方案，并以事实和数据支撑观点。 Intermediate: Excellence will be demonstrated through fluency, accuracy, and cultural depth in discussing travel and festivals. Students will confidently describe past trips, using complex sentence structures and transition words (e.g., "首先," "然后," "最后"). They will compare different cities and festival traditions with well-reasoned arguments and appropriate cultural references. In speaking, excellence means clear pronunciation, spontaneous interactions, and confident storytelling. In writing, students will produce detailed travel itineraries and festival reflections, demonstrating a strong grasp of Mandarin grammar, varied vocabulary, and logical sequencing of ideas.
How will this be assessed?		Assessment, Worksheet, Q&A, Quiz	

		<p>Through this project, we will gain knowledge of the different types of textures found in nature and learn a variety of mark-making techniques such as hatching, stippling, and blending. We will develop an understanding of how artists use line and tone to represent form and surface, and how to carefully observe and replicate fine details from reference images. As we progress, we will build skills in controlling dry media like pencil, fine liner, charcoal, and graphite, applying texture and tone accurately, and combining careful observation with creativity to produce a thoughtful and well-composed artwork.</p>	<p>Excellence will be shown through a well-observed drawing that captures the accurate shape and intricate details of natural forms. The artwork will demonstrate the use of at least three different mark-making techniques to effectively represent texture. A strong composition will be evident through the thoughtful arrangement of elements, including overlapping or layering where appropriate. Confident and careful use of dry media, with attention to tone and contrast, will bring depth and realism to the final piece.</p>
<p>How will this be assessed?</p>		<ul style="list-style-type: none"> • Final A4 close-up drawing assessed using success criteria: <ul style="list-style-type: none"> ○ Observational accuracy ○ Range and quality of mark-making ○ Use of media ○ Composition and creativity • Short written reflection explaining techniques used and what they've learned 	
<p>Music</p>	<p>Video and Computer Music II</p>	<p>Students will continue developing their composition skills by exploring techniques to create their own computer and video game music. Depending on available resources, they will utilize music technology, classroom</p>	<p>Excellence in understanding the importance of sound effects in computer or video games will be demonstrated through the student's ability to identify how sound effects are strategically used to enhance gameplay. Students will show an in-depth understanding of how sound</p>



		instruments, and keyboards to experiment with different tones, timbres, and sound effects, enhancing their creative expression.	effects are synchronized with specific cues, such as actions, events, or transitions in the game.
How will this be assessed?		Composition, Assessment	
PE	Football	Students will develop fundamental football skills, including passing, shooting, dribbling, and attacking/defending . They will learn to pass with accuracy, shoot with power and precision, dribble with control under pressure, and apply tactical awareness in both offensive and defensive situations. These skills will enhance their coordination, teamwork, decision-making, and overall game performance.	Excellence in football is demonstrated through precise and well-timed passing that maintains possession and creates scoring opportunities. Players showcase powerful and accurate shooting, adjusting their technique based on distance and defensive pressure. Dribbling is controlled and confident, allowing players to manoeuvre past opponents with agility and composure. In both attacking and defending, they display strong tactical awareness, making intelligent runs, positioning effectively, and anticipating plays to contribute to their team's success.
How will this be assessed?		Football match	