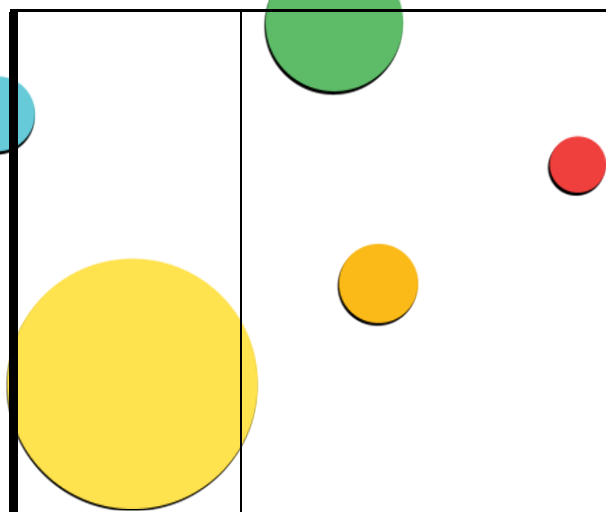


# Straits International School Rawang

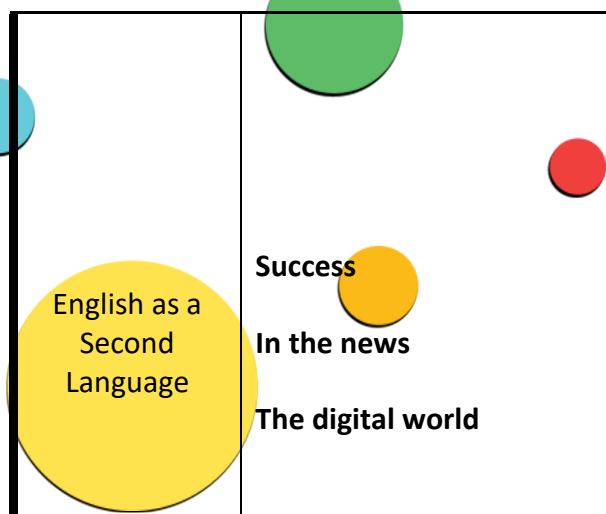
## Curriculum Overview

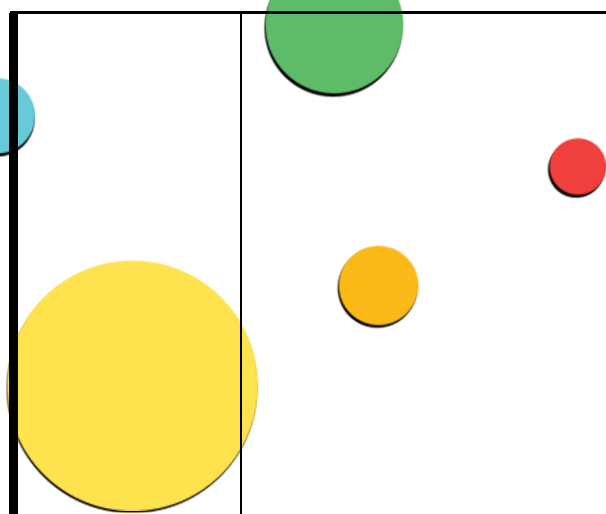
### Year 7 Term 3.1 2024/2025

Term 3.1	What are we learning?	What KUS will we gain?	What will excellence look like?
Mathematics	<p><b>Unit 11</b> <b>Graphs</b></p> <p><b>Unit 12</b> <b>Ratio and Proportion</b></p>	<p>For <b>Graphs</b>, Year 7 students should understand coordinates in all four quadrants, plot and interpret points, and recognize and draw lines parallel to the axes. They should begin exploring relationship between two variables. Students should also interpret real-life graphs, such as distance-time and temperature graphs.</p> <p>For <b>Ratio and Proportion</b>, students should understand the meaning of ratio, simplify ratios, share quantities in a given ratio, and begin solving problems involving direct proportion. They should use multiplicative reasoning to scale quantities and compare values in real-life contexts.</p>	<p>Excellence in <b>Graphs</b> means accurately plotting and interpreting points in all quadrants, confidently drawing and describing lines parallel to axes, and explaining relationships in real-life graphs using function language.</p> <p>In <b>Ratio and Proportion</b>, excellence is shown by solving complex multi-step problems, clearly explaining strategies for dividing in a ratio, and applying proportional reasoning confidently in real-life situations such as recipes, maps, and scaling.</p>
How will this be assessed?		Mental Maths, Quiz, Sparx Maths, Minor Assessment	
First Language English	Romeo and Juliet – William Shakespeare	In this unit on <i>Romeo and Juliet</i> , Year 7 students will learn about the story, characters, and themes	Excellence in the <i>Romeo and Juliet</i> unit means showing a strong understanding of the story,

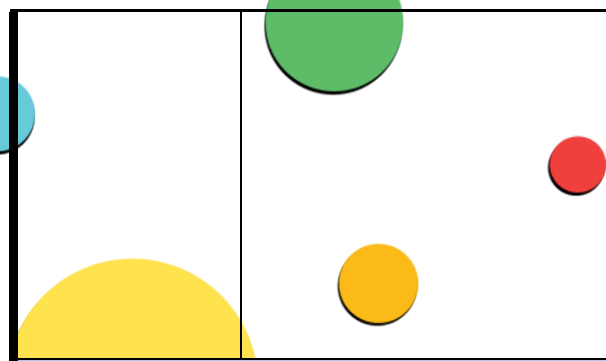


	<p>of the play. They will explore how Shakespeare uses language to create meaning and emotion, and understand the historical context of the play.</p> <p>Students will practice reading and analysing the text, looking at how characters develop and how themes like love, fate, and conflict are presented. They will also engage in creative activities, such as writing from a character's perspective and modernizing scenes, to make the material more relatable.</p> <p>By the end of the unit, students will be able to explain the main themes and characters of the play, analyse Shakespeare's language, and connect the historical context to the text. They will develop skills in reading, writing, and thinking critically, which will help them in their assessments and discussions about <i>Romeo and Juliet</i>.</p>	<p>characters, and themes. Students should be able to explain how Shakespeare uses language to create meaning and emotion. They should make thoughtful connections between the play and its historical context, and express their ideas clearly in both writing and discussions. Achieving excellence involves being original, confident, and clear in all their work on the play.</p>
How will this be assessed?	<p>Students will be assessed on their understanding of the play, their ability to analyse language and themes, and their creativity and clarity in expressing ideas.</p>	

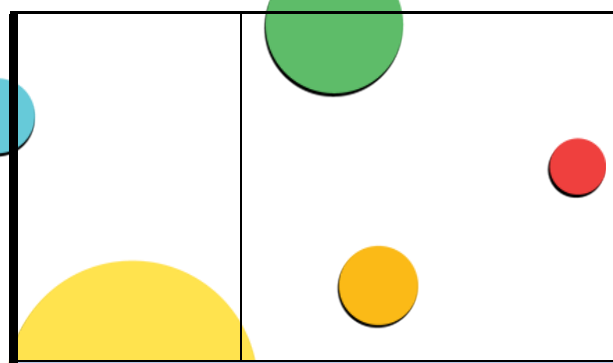
 <p>English as a Second Language</p>		<p>Students explore the idea of <b>success</b>, learning vocabulary related to achievement, goals, and motivation. They read short biographies, describe successful people, and express personal goals using descriptive language and modal verbs. <b>In the News</b>, students build skills in reading and listening to news stories. They learn to identify facts, main ideas, and opinions, and write simple news reports using appropriate structure and formal tone. Key vocabulary includes types of news and journalistic terms. Students study <b>The Digital World</b>, discussing the role of technology in everyday life. They develop vocabulary around devices, social media, and online safety, while practising opinion writing, comparisons, and giving advice using modal verbs.</p>	<p><b>Excellence</b> is shown through confident speaking and writing, clear expression of opinions, accurate grammar use, and active participation in discussions. Students are encouraged to think critically, work collaboratively, and apply vocabulary in meaningful contexts.</p>
How will this be assessed?		Speaking presentation, essay writing, grammar practice, spelling, listening quiz, reading quiz	
English as an Additional Language (EAL)	Great Outdoors	<p>In the Great Outdoors unit, students will expand their vocabulary related to outdoor equipment and activities while developing their communication skills through discussions, role-plays, and written tasks. They will use -ing forms to talk about school trips and practice asking and answering questions about outdoor experiences. Through reading, they will explore the connection between nature and well-being and critically evaluate theories on the benefits of outdoor activities. Students will discuss the skills and</p>	<p>Excellence in this unit will be evident when students confidently and accurately use a rich vocabulary related to outdoor activities and equipment in both spoken and written communication. They will fluently use <b>-ing</b> forms to describe school trips and outdoor experiences, ask and respond to questions with clarity, and engage in meaningful discussions and role-plays, demonstrating strong interaction skills. Their reading responses will show depth of understanding, critically evaluating the link</p>



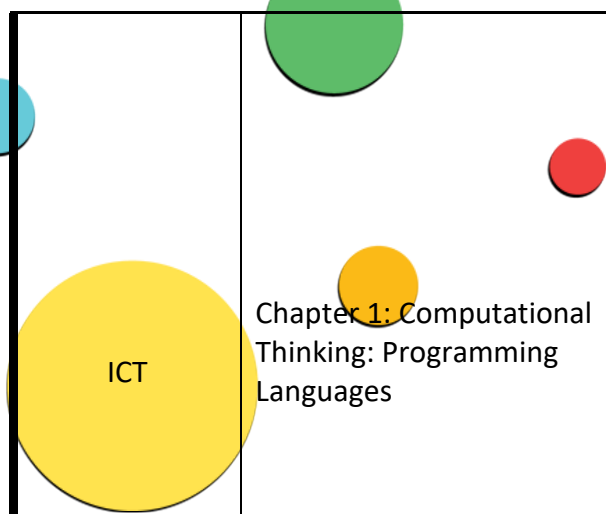
		<p>equipment needed for hiking and engage in a role-play to navigate a challenging outdoor situation. They will research and discuss outdoor activities in New Zealand, read about the country, and create a fact file about Australia. Additionally, they will sequence the stages of a journey, talk about future plans, and apply persuasive writing skills by creating an advertisement for outdoor activities in their own country. Through this unit, students will develop their language proficiency, critical thinking, and cultural awareness while enhancing their ability to communicate effectively in real-life scenarios.</p>	<p>between nature and well-being with well-supported arguments. Research tasks on outdoor activities in New Zealand and fact files on Australia will be detailed, well-organized, and informative. In problem-solving role-plays, they will apply logical reasoning and teamwork to navigate outdoor challenges effectively. Their sequencing of journeys and discussion of future plans will be coherent and structured, while their persuasive advertisements will be engaging, creative, and compelling.</p>
How will this be assessed		Formative assessments, worksheets, presentations, quiz and group work.	
Science	<ul style="list-style-type: none"> <li>• The Earth in space</li> <li>• Microorganisms</li> <li>• Water and life</li> </ul>	<p>Students will explore Earth's place in space, understanding how rotation and revolution create day, night, and seasons. They will analyze the solar system, the Moon's phases, and how scientific thinking about space has evolved from ancient astronomy to modern models. Alongside this, students will study microorganisms, recognizing their roles in ecosystems, food production, and disease. They will investigate how microorganisms contribute to decomposition, the spread of disease, and advancements in medicine.</p>	<p>Students demonstrate excellence by articulating clear, well-structured explanations, using accurate scientific terminology, and supporting claims with evidence. Strong work includes detailed diagrams, logical reasoning, and the ability to analyze and interpret data effectively. To reach the highest standards, students should confidently apply knowledge across topics, critically evaluate scientific developments, and communicate their understanding through precise, evidence-based arguments.</p>



		<p>Additionally, students will examine the water cycle, its importance in sustaining life, and the impact of climate change on water systems. Through inquiry, observation, and data analysis, they will develop scientific reasoning, make connections between concepts, and apply their learning to real-world scenarios.</p>	
How will this be assessed?		Quizzes, projects, experiments, assessments	
History	Ancient Rome	<p>Students will explore the geographical features that influenced the founding and expansion of Rome, identifying how location supported trade, defense, and growth. They will examine the myth and reality of Rome's founding, alongside the structure of Roman society, daily life, and the religious beliefs that shaped Roman identity. Through studying the Roman Republic, students will understand how its government functioned, including the roles of consuls, the Senate, and citizens. They will analyze how power was shared, challenged, and transformed over time.</p> <p>Focus will also be placed on the Roman army's organization, discipline, and strategies, and how military strength contributed to Roman</p>	<p>Students demonstrate excellence by producing structured explanations using historical terms accurately and confidently. Strong work includes well-supported arguments about how geography, governance, military power, and conflict shaped Roman civilization. To reach the highest standards, students should show depth in analysis, make connections between themes, and use evidence to evaluate the significance and legacy of Roman developments.</p>

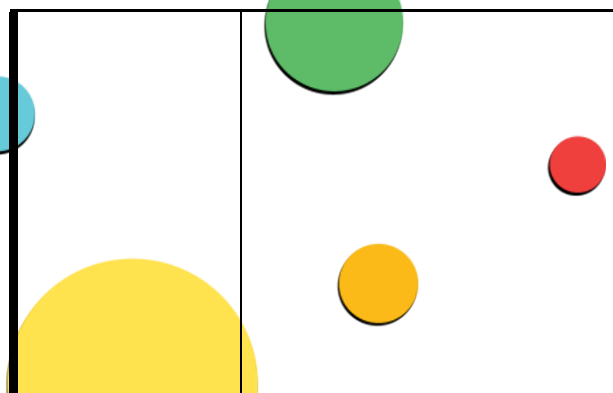


		dominance. The Punic Wars will be studied as a key turning point, helping students understand Rome's rise to empire through conflict with Carthage. Students will develop skills in source analysis, chronological understanding, and historical interpretation, using evidence to explain cause, consequence, and change over time.	
How will this be assessed?		Quizzes, role play, projects, assessment	
Enterprise	Skills & behaviours of enterprising people	Students will gain a comprehensive understanding of entrepreneurship through the development of key knowledge, skills, and behaviors. They will acquire knowledge of essential entrepreneurial concepts such as innovation, market awareness, and financial literacy, while honing practical skills in communication, problem-solving, and project management. Through these experiences, students will develop the ability to think critically and creatively, apply strategic planning, and navigate real-world challenges. They will also understand the value of enterprising behaviors, including risk-taking, adaptability, and ethical decision-making, and how these skills can positively impact their personal lives and future careers.	Students demonstrate a strong grasp of enterprise concepts, apply practical skills in real-life situations, work well with others, show resilience in the face of challenges, and make thoughtful, ethical decisions. They are creative, responsible, and capable of leading and influencing others positively.
How will this be assessed?		Quiz, project, groupwork, minor assessment	

 <p>ICT</p>	<p>Chapter 1: Computational Thinking: Programming Languages</p>	<p><b>Knowledge:</b> Understanding the fundamentals of text-based programming, Python syntax, software development life cycles, testing methodologies, and how to integrate software with hardware in physical computing systems.</p> <p><b>Skills:</b> Writing, debugging, and testing Python programs; developing structured and modular software; and implementing reliable physical computing solutions through effective integration of hardware and software.</p> <p><b>Understanding:</b> Recognizing the importance of problem-solving, modular programming, comprehensive testing, and iterative development in creating efficient and dependable software and hardware systems.</p>	<p>Producing functional programs that demonstrate thorough testing, effective debugging, structured development, and seamless interaction between software and physical computing components.</p>
<p>How will this be assessed?</p>		<p>Problem solving, Minor Assessment, Projects</p>	
<p>Malay Language</p>	<p>Unit 6: Kampung Halaman dan Persekitaran- <i>Hometowns and Surroundings</i></p>	<p>In <b>Unit 6: Kampung Halaman dan Persekitaran</b> (Hometowns and Surroundings), students will gain key understanding and skills (KUS) that will help them describe their hometowns, recount holiday experiences, and use important grammatical structures in Malay. They will learn and use vocabulary related to their hometowns, including words for local landmarks, cultural aspects, and natural features. In addition, they will develop the ability to talk about their holiday experiences by</p>	<p>Excellence in this unit will be seen when students are able to confidently use vocabulary to describe their hometowns and provide detailed accounts of their holiday experiences. They will demonstrate clear understanding of how to use the prefixes correctly in sentences and apply them effectively in various contexts. Students will also show an ability to engage in conversations about their hometowns and</p>

		using appropriate phrases and tenses to narrate past events. A key focus of this unit will also be on understanding and applying prefixes such as 'me-', 'pe-', 'di-', and 'ter-', which modify the meaning of verbs and help form active, passive, and unintended actions in Malay.	holidays, using correct grammar and varied vocabulary. Mastery of these skills will be evident when students consistently use proper tense and word forms, accurately applying the prefixes 'me-', 'pe-', 'di-', and 'ter-' in their speech and writing, ensuring clarity and correctness in communication.
How will this be assessed?		Assessment, Worksheet, Q&A, Quiz	
Mandarin	<p><b>Mandarin Advanced:</b> 语言与身份认同</p> <p><b>Mandarin Intermediate:</b> Clothes, Appearance, Daily Routine</p>	<p><b>Mandarin Advanced:</b></p> <p>本单元探讨语言与身份认同，学生将通过不同的阅读和听力材料，理解语言如何影响个人和群体的身份认同。学生将学习新加坡式英语的特点，理解移民背景下的语言适应问题，并探讨取英文名字对身份认同的影响。此外，学生将通过听力材料“香蕉人”理解双语环境下的文化认同冲突，并在口语讨论中表达自己的观点。最后，学生将学习不同方言的趣味性，并通过写作练习总结所学内容。</p> <p><b>Mandarin Intermediate:</b></p> <p>In this unit, Year 7 Mandarin Advanced students will learn vocabulary and sentence structures related to <b>clothing, appearance, and daily routines</b>. They will acquire key terms for describing people's looks, clothing choices, and daily activities while understanding how to express preferences and compare cultural</p>	<p><b>Mandarin Advanced:</b></p> <p>学生能够准确理解阅读和听力材料的核心思想，并能清晰、有逻辑地表达自己的见解。他们在口语讨论中能自信地运用相关词汇，流畅表达观点，并在写作中展现对语言与身份认同问题的深刻思考，使用准确的语法和丰富的词汇。</p> <p><b>Mandarin Intermediate:</b></p> <p>Excellence in this unit will be demonstrated by students' ability to fluently describe appearances, clothing, and daily routines in Mandarin, using accurate vocabulary and sentence structures. They will engage confidently in conversations, write clear and well-structured passages, and show strong listening and comprehension skills. Overall, excellence will be reflected in their ability to</p>





		<p>differences in these aspects. Through speaking, reading, listening, and writing tasks, students will practice describing themselves and others, discussing their daily schedules, and writing short passages on these topics. By the end of the unit, they will be able to confidently express their thoughts on <b>appearance, clothing, and daily routines</b> in Mandarin through both oral and written communication.</p>	<p>apply language skills effectively and accurately in real-life contexts.</p>
How will this be assessed?		Assessment, Worksheet, Q&A, Quiz	
Art & Design	Nature	<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>

How will this be assessed?

Final A4 close-up drawing assessed using success criteria:

- Observational accuracy
- Range and quality of mark-making
- Use of media
- Composition and creativity

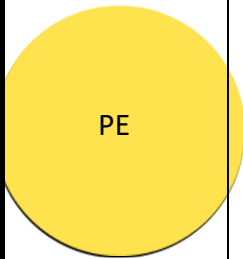

Short **written reflection** explaining techniques used and what they've learned

Music

Sonority City

This term, students will deepen their knowledge and understanding of orchestral instruments and their families within a modern symphony orchestra. They will explore the construction, sound production, and unique timbres/sonorities of different instruments. The lessons will focus on orchestral layout, instrument groupings, and the characteristics of each section. A key focus will be on understanding the terms timbre and sonority, with an introduction to the orchestra followed by an in-depth study of each instrument family.

Excellence is demonstrated by accurately identifying orchestral instruments and families while providing a detailed analysis of timbre, texture, dynamics, and instrumentation in music analysis.

How will this be assessed?	Analysis, Group work, Assessment		
 <p>PE</p>	 <p>Football</p>	<p>Students will develop fundamental football skills, including <b>passing, shooting, dribbling, and attacking/defending</b>. 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.</p>	<p><b>Excellence in football</b> 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 maneuver 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.</p>
How will this be assessed?	Football match		