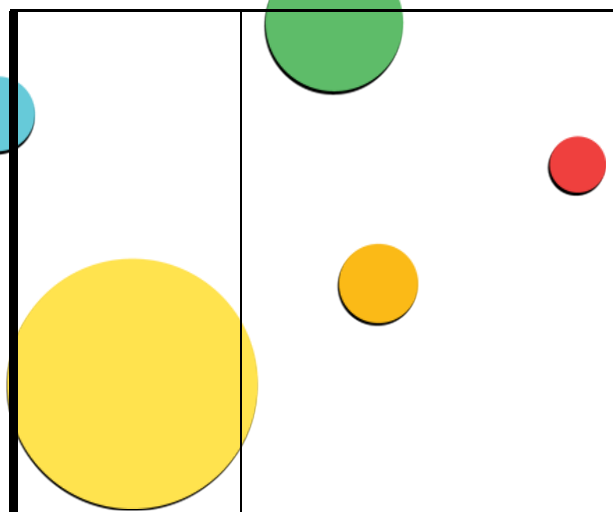# Straits International School Rawang
Curriculum Overview
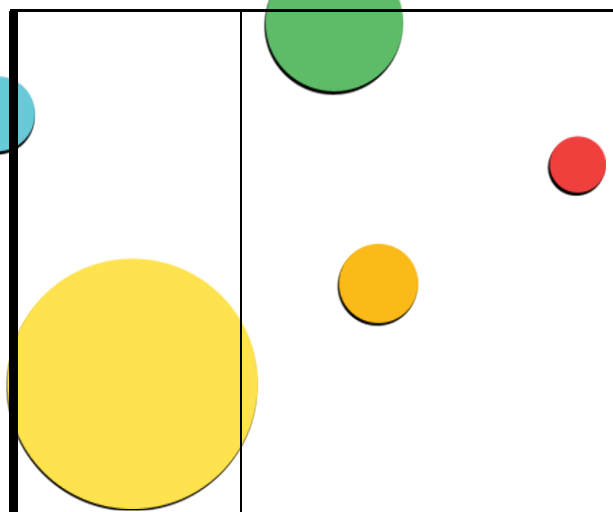## Year 7 Term 3.2 2024/2025

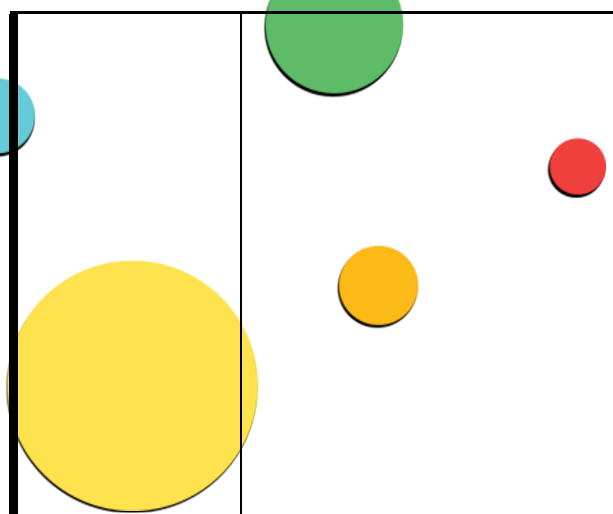| Term 3.2	What are we learning?	What KUS will we gain?	What will excellence look like?
Mathematics	**Probability –** know the mutually exclusive outcomes & experimental probability **Position & Transformation –** translate, reflect, enlarge and rotate shapes & work out the distance between 2 points	In **Probability**, students will understand key concepts such as likelihood, fairness, and the probability scale from 0 to 1. They will list outcomes, use terms like "certain" and "unlikely," and calculate basic probabilities, including completing tables and interpreting data. In **Position & Transformation**, students will explore reflection, rotation, translation, and symmetry. They will describe and perform transformations on 2D shapes using coordinates and accurate mathematical language. By the end of the unit, they will confidently solve geometric problems involving movement and symmetry on coordinate grids.	**Excellence in Probability** is shown when students accurately solve complex or unfamiliar probability problems, clearly explain their reasoning, and confidently use diagrams or tables to justify their conclusions. They make logical predictions based on data and show a strong understanding of fairness and likelihood. **Excellence in Position & Transformation** is demonstrated by confidently performing and describing a range of transformations, including combinations, using precise mathematical language. Students make connections between coordinates, movement, and geometric properties, and solve spatial problems with accuracy and clear justification.
How will this be assessed?		Mental Maths and Sparx Maths every week & Major assessment at the end of the term	

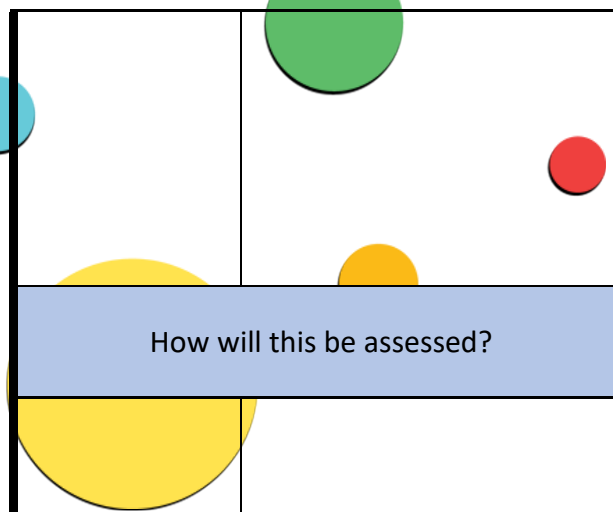| First Language English | Romeo and Juliet – William Shakespeare | In this unit on *Romeo and Juliet*, Year 7 students will learn about the story, characters, and themes of the play. They will explore how Shakespeare uses language to create meaning and emotion, and understand the historical context of the play.

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.

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 *Romeo and Juliet*. | Excellence in the *Romeo and Juliet* unit means showing a strong understanding of the story, 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. |

How will this be assessed?		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.	
English as a Second Language	**The digital world**	In this unit, students explore how technology shapes our everyday lives, with a focus on vocabulary related to devices, apps, social media, online safety, and digital habits. They practise reading and listening to texts about how teenagers use technology, its impact on communication and relationships, and how to stay safe online. Students develop language for expressing opinions, making comparisons, and giving advice using modal verbs (e.g. *should*, *must*, *might*) and comparatives/superlatives. They also learn to describe digital routines and evaluate the pros and cons of digital life through class discussions, group work, and writing activities.	**Excellence** will be demonstrated by students who confidently and accurately express their thoughts about the digital world using topic-specific vocabulary and correct grammar. High-achieving students will participate actively in discussions, ask thoughtful questions, and produce clear, well-structured writing that shows understanding and reflection on digital issues.
How will this be assessed?		Speaking presentation, essay writing, grammar practice, spelling, listening quiz, reading quiz	
Science	• Acids and alkalis • Models of the Earth	Students will learn key scientific concepts across both chemistry and Earth science. They will learn how acids and alkalis behave, how to use the pH scale to measure acidity, and how neutralisation reactions work and apply to everyday situations such as indigestion relief and the effects of acid rain. They will investigate acid reactions with	Students will clearly explain key concepts in both chemistry and Earth science using accurate vocabulary. They will confidently link ideas to real-world examples, use evidence to support their explanations, and carry out investigations with precision. Their work will show strong understanding, critical thinking, and the ability to apply knowledge to new situations.

various substances and practise writing word equations to describe these reactions.

In Earth topic, students will learn about the Earth's structure, including the crust, mantle, and core, and how tectonic plate movements explain natural events like earthquakes and volcanic eruptions. They will explore scientific models that describe the Earth's processes and understand how these models help predict geological activity. Through practical work and analysis, students will develop skills in observing, interpreting data, identifying patterns, and using scientific language to explain their findings.

How will this be assessed?	Quizzes, projects, experiments, assessments

History	Ancient Rome	Students will learn about the political, social, and economic factors that led to the decline of the Roman Republic, including internal conflicts and power struggles. They will explore how the Roman Empire was established and understand the significance of the Pax Romana, a period of relative peace and prosperity. Students will study the origins and beliefs of Judaism and Christianity, and how these religions developed and spread within	Students will clearly explain the complex causes behind the decline of the Republic and the rise of the Empire, using accurate historical terms. They will confidently discuss the importance of the Pax Romana and evaluate how Judaism and Christianity influenced Roman society. When studying the fall of Rome, they will provide detailed explanations supported by evidence, showing an ability to link internal problems with external threats. Their work will demonstrate strong critical thinking, effective use of historical

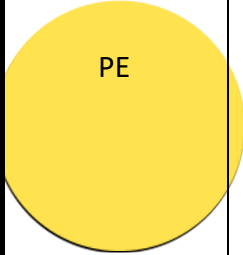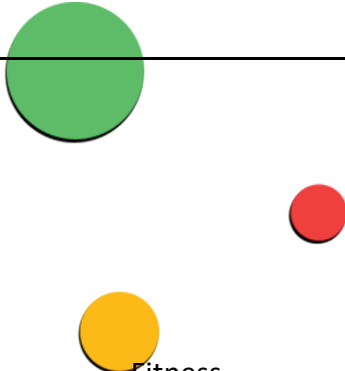|		the Roman Empire, including the challenges and changes they brought to Roman society. They will also learn about the causes and events leading to the fall of the Roman Empire, examining both internal weaknesses and external pressures such as invasions. Throughout these topics, students will develop skills in analysing historical sources, understanding cause and effect, and comparing different viewpoints to gain a broad understanding of Ancient Rome's history and culture.	evidence, and an understanding of Ancient Rome's legacy.
How will this be assessed?		Quizzes, role play, projects, assessment	
Enterprise	Skills & behaviours of enterprising people	By learning about the skills and behaviours of enterprising people, Year 7 Enterprise students gain valuable knowledge about what it means to be innovative, proactive, and resilient in a business or project setting. They develop an understanding of key traits such as creativity, risk-taking, problem-solving, leadership, and teamwork. Students also learn how enterprising individuals identify opportunities, take initiative, and adapt to challenges. Through practical activities and reflection, they build communication, planning, and decision-making skills. This learning helps students to become more confident, independent thinkers who can	Excellence in learning about the skills and behaviours of enterprising people in Year 7 Enterprise will be shown through a strong understanding of key entrepreneurial traits and the ability to apply them in practical and creative ways. Students demonstrating excellence will confidently identify and explain behaviours such as initiative, resilience, teamwork, and innovation, using real-life examples or classroom activities to support their ideas. They will actively participate in group tasks, show leadership when appropriate, and contribute original ideas to solve problems or develop projects. Their work

		work effectively with others and take responsibility for their ideas and actions. It lays a strong foundation for future entrepreneurial thinking and real-world problem-solving.	will reflect thoughtful planning, clear communication, and a willingness to take calculated risks. These students will also reflect on their own strengths and areas for growth, showing a mature awareness of how enterprising behaviours can be used in everyday life and future careers.
How will this be assessed?		Individual quizzes, group tasks, presentations, worksheets, exam-style questions.	
ICT	Chapter 4: Computer systems	Students will know the main parts of a computer system, the difference between system and application software, how data is shown in binary, and basic logic gates like AND, OR, and NOT. Students will understand how each part of a computer and type of software works together, why binary is used in computers, and how logic gates help computers make decisions. Students will be able to label computer components, identify software types, convert simple numbers into binary, and create truth tables for basic logic gates.	Student who demonstrates excellence will clearly explain how a computer system works, give real-life examples of software use, confidently convert between binary and decimal, and accurately create and interpret truth tables for logic gates.

	How will this be assessed?	Quiz, Major Assessment, Breadboard practical task for logic gates	
	Unit 6: Kampung Halaman dan Persekitaran- *Hometowns and Surroundings*	In **Unit 6: Kampung Halaman dan Persekitaran** (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 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.	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 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	**Mandarin Advanced:** Society 社会 **Mandarin Intermediate:** Daily Routine, Hobbies	**Mandarin Advanced:** 在本单元《社会》中，我们将通过五篇不同主题的文章来深入了解当代社会中正在发生的重要现象，包括个人身份的多样性、中国电竞产业的发展趋势、年轻人对弹性工作的偏好、童工现象，以及员工对居家办公的态度。这些内容帮助学生在理解社会变化的同时，提升他们的中文阅读理解、批判性思维与写作能力。	**Mandarin Advanced:** 学习这一单元，学生将掌握一系列关键知识与技能（Key Stage Understanding, KSU），包括：识别并分析社会现象背后的原因与影响、理解不同群体的观点和需求、运用恰当的语言结构表达自己的看法，以及通过真实语境中的词汇学习来提升语言应用能力。

		Mandarin Intermediate: Students will explore the topics of Daily Routine and Hobbies. They will gain key knowledge (K), such as vocabulary and sentence structures related to daily activities and personal interests; understanding (U) of how to describe a sequence of actions and express likes or dislikes; and skills (S) in reading short texts, writing simple descriptions, listening for detail, and engaging in short conversations.	卓越的学习表现将体现在学生能够清晰、有逻辑地分析文章内容，提出独到见解，并能结合现实生活提出解决方案或表达态度。此外，学生能够使用准确丰富的词汇和语法结构，展示较高水平的语言运用能力。 **Mandarin Intermediate:** Excellence will be shown when students confidently use appropriate sentence patterns to describe their routines and hobbies in speaking and writing, demonstrate comprehension of related texts, and show growing fluency in daily interactions.
How will this be assessed?		Students will be assessed based on their class participation, the accuracy and depth of their responses to comprehension questions, their engagement in group discussions, and the final writing task. The focus of the assessment is on their ability to synthesize the learned content and express a deep understanding of social issues along with their personal perspectives.	
Art & Design	Nature	Students will gain Knowledge of Georgia O'Keeffe's artistic style, particularly her focus on natural forms, zoomed-in perspectives, and expressive use of color and space. They will develop Understanding of how artists use mixed media—specifically oil pastels and watercolor—to achieve unique visual effects like resist techniques. Students will build practical Skills in observational drawing, composition, and combining media thoughtfully. Through this unit, they will also enhance their ability to evaluate their own and others' work using relevant art vocabulary, reinforcing critical thinking and reflection in art-making.	Excellence will be demonstrated through a confident and creative final piece that clearly reflects the influence of Georgia O'Keeffe's style. Students who achieve excellence will show a strong understanding of composition, filling the space thoughtfully with bold, zoomed-in natural forms. Their oil pastel work will include clear, expressive lines that effectively resist the watercolor wash, creating visual impact. Use of color will be deliberate and well-considered. In addition, excellent students will be able to articulate their creative choices, demonstrate experimentation in their sketchbooks, and thoughtfully reflect on their

			learning process during self-assessment or class critiques.
How will this be assessed?		Assessment will be both formative and summative. Throughout the unit, students will be informally assessed through class discussions, sketchbook entries, and experimentation with materials. Feedback will focus on improving technique, composition, and creative decision-making. The final summative assessment will evaluate the finished artwork based on specific criteria: influence of O'Keeffe's style, effective use of the water resist technique, composition, and use of color. Students will also complete a short self-assessment reflecting on what they learned, how they applied feedback, and what they might do differently next time. Peer critiques may also be used to encourage collaborative evaluation.	
Music	What Make A Good Song	In this unit, students develop ensemble performance skills by rehearsing and performing as part of a band. They focus on pitch accuracy, rhythm, tempo, fluency, and teamwork to deliver a confident and expressive group performance.	Excellence will look like a tight, well-coordinated band performance where all members maintain accurate pitch, steady rhythm, and consistent tempo. Students will demonstrate strong teamwork, clear musical expression, and confident stage presence throughout the piece.
How will this be assessed?		Major Assessment, Performances	

| PE | Fitness | **Fitness Testing :** Students will participate in a range of fitness tests to assess key components of health and skill-related fitness. These include cardiovascular endurance (beep test), balance (stork stand), coordination (wall ball test), strength (push-ups, sit-ups, squats), agility (T-test), and flexibility (Sit and reach). Through these tests, students will gain an understanding of their current fitness levels, set personal goals, and learn how different exercises support overall health and performance. The focus is on personal progress, effort, and developing lifelong habits for physical well-being. | **Excellence in Fitness Testing** is demonstrated by students who show outstanding physical ability across all components. They perform at a high level in the beep test, showing strong cardiovascular endurance. Their balance and coordination are controlled and consistent, especially during dynamic movements. Strength is evident through excellent form and high repetitions in push-ups, sit-ups, and squats. In agility tasks, they move quickly and smoothly with precise footwork. Flexibility is shown through a wide range of motion with good posture. These students also show a strong understanding of fitness principles and take initiative to improve their personal health and performance. |
| How will this be assessed? | | Various fitness testing: cardiovascular endurance (beep test), balance (stork stand), coordination (wall ball test), strength (push-ups, sit-ups, squats), agility (T-test), and flexibility (Sit and reach). | |