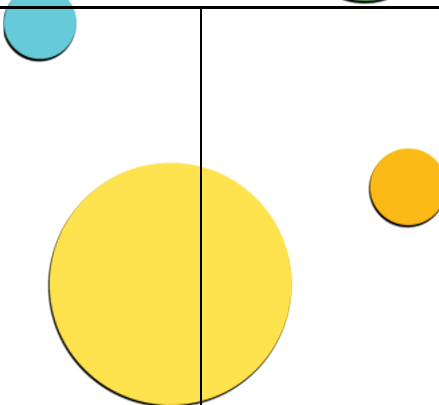


Straits International School Rawang
Curriculum Overview
Year 7 Autumn Term 1.2 2024/2025

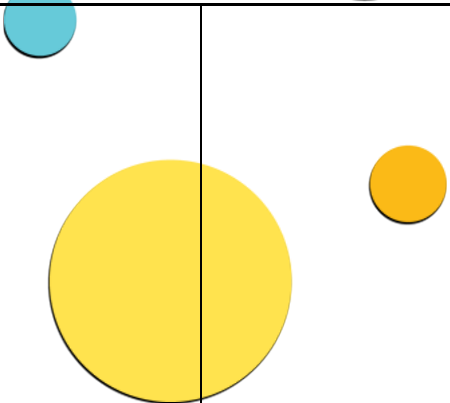
Autumn Term 1.2	What are we learning?	What KUS will we gain?	What will excellence look like?
Mathematics	<p>Unit 4: Decimals</p> <p>Unit 5: Angles and constructions</p> <p>Unit 6: Collecting data</p>	<p>In studying decimals, angles and constructions, and collecting data, students will gain essential mathematical skills and understanding. They will learn how to perform operations with decimals, apply them in real-life contexts, and understand their relationship with fractions and percentages. In angles and constructions, students will explore geometric principles, mastering how to measure, construct, and reason with different angles and shapes using tools like protractors and compasses. Through collecting data, they will develop statistical skills, learning how to gather, organize, interpret, and present data in various forms, such as charts, tables, and graphs, fostering both analytical and problem-solving abilities.</p>	<p>Excellence in decimals, angles and constructions, and collecting data involves confidently solving complex decimal problems, accurately converting between forms, and applying them in real-life contexts. In angles and constructions, students will use geometric tools precisely, demonstrating strong reasoning skills. For collecting data, excellence is shown through the design of effective data collection, insightful analysis, and clear presentation of findings in various forms like graphs and charts.</p>
How will this be assessed?		Mental Maths, Quizzes, End of term one exam	
First Language English	Oliver Twist	<p>Knowledge & Understanding: What changes happened in London in the Victorian era; the difference between the lives of the rich and poor in London; life for the poor in the workhouse. Charles Dickens' biography and link to the poor experience in London; Oliver's life and life events as told in the novel.</p>	<p>Excellence will look like being able to analyse extracts from the novel in some detail, discussing the effect of language. Students will show a considerable depth of understanding of the novel, its contents, context and characters. Students will be able to make clear links across the novel and will select and discuss well-chosen quotations.</p>

		Skills: Composing topic sentences; Selecting and analysing key quotes; Composing an introduction and conclusion.	
English as a Second Language	What we wear, what we waste	Talk about clothes and fashion; discuss environmental issues; read and talk about how waste materials can be reused; give a short speech about an environmental problem; write a letter to a newspaper; do a project; write a poem.	Learners can use multiword verbs; listen to an interview and speak about their clothes; describe their own and others' cultures; guess the meaning of unfamiliar words from the context; use modal verbs in conversation; discuss ways of protecting the environment; write a short speech; brainstorm ideas and plan a letter; plan and write a presentation; write a poem.
How will this be assessed?		Teacher/self-assessment, presentation, speaking tasks, projects, group work	
English as an Additional Language (EAL)	Time to celebrate	Students will explore New Year celebrations, discussing their own traditional celebrations and religious cultures in group settings. They will compare three festivals, sharing their findings with the class. Students will also learn about two spring festivals and describe special occasions, culminating in writing an essay to be read aloud to their peers. The unit includes learning about early childhood traditions in Japan and parts of Africa, as well as the customs of April Fool's Day. Finally, students will write a detailed description of an event to share with a partner in school, enhancing their cultural awareness and writing skills.	Students will demonstrate a deep understanding of various New Year celebrations and spring festivals, articulating their own traditional celebrations and religious practices with clarity and confidence in group discussions. They will effectively compare three different festivals, presenting their findings thoughtfully to the class. Their essay on special occasions will be well-organized, engaging, and reflect a strong command of language, as they present it aloud to their peers. Additionally, they will show an appreciation for cultural diversity by discussing early childhood traditions in Japan and parts of Africa, as well as the customs surrounding April Fool's Day. Their ability to write detailed and descriptive accounts of events will be evident in the pieces shared with their partners,

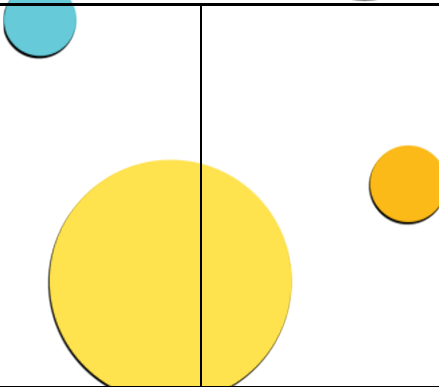
		showcasing their enhanced writing skills and cultural awareness.
How will this be assessed		Teacher/self-assessment, presentation, speaking tasks, projects, group work.
Science	Energy, Forces and Classifying Life	<p>Knowledge - Students will develop a foundational understanding of key scientific concepts, including the nature of energy, fundamental principles of forces, and the classification of living organisms. They will explore various energy forms, such as kinetic and potential energy, and examine how forces like gravity and air resistance affect motion. In biology, they will investigate the characteristics that define life, delve into classification systems for invertebrates, vertebrates, and plants, and discuss the status of viruses as living entities.</p> <p>Skills - Through hands-on experimentation and inquiry-based learning, students will enhance their practical skills. They will plan and conduct experiments to investigate energy types and transformations and explore forces through fair tests on streamlining and circular motion and develop mathematical skills for calculating forces and analysing energy in real-world contexts. In biology, they will improve their ability to identify and classify organisms using simple keys, analyse characteristics of living organisms like yeast.</p> <p>Students will be able to clearly explain energy forms and the role of forces in motion, demonstrating excellence in this integrated curriculum as they explain and apply essential scientific concepts. Additionally, students will create identification keys for classifying organisms and apply mathematical principles in their analyses. Their ability to connect theoretical knowledge to real-world applications will showcase critical thinking and a commitment to scientific inquiry, as they engage in discussions and present organized findings, demonstrating a deep appreciation for the complexities of the natural world.</p>



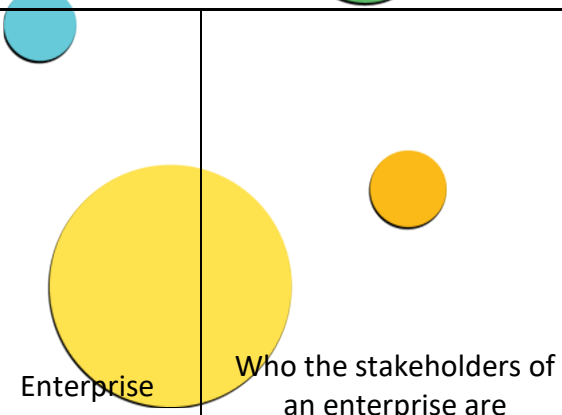
		<p>Understanding - This integrated curriculum will foster a deeper understanding of the interconnectedness of energy, forces, and life sciences. Students will recognize how energy transformations are governed by scientific laws and how forces influence motion in everyday life. They will also appreciate the importance of classification in biology, understanding biodiversity and the evolutionary nature of scientific classifications, enabling them to connect theoretical concepts to practical applications and fostering critical thinking across disciplines.</p>	
<p>How will this be assessed?</p>		<p>Students will be assessed through various methods to evaluate their understanding and skills in energy, forces, and classifying life. Quizzes and tests will evaluate knowledge of key concepts, while peer and self-assessments will promote collaboration and critical thinking. Formative assessments through class discussions and group activities will provide ongoing feedback, ensuring students develop a deep understanding of the material.</p>	
<p>History</p>	<p>Ancient China</p>	<p>Knowledge - Students will gain a comprehensive understanding of key aspects of Ancient China, including the principles of Confucianism and its influence on Chinese society and governance. They will learn about the historical significance of the Terracotta Army, its purpose in protecting Emperor Qin Shi Huang in the afterlife, and the craftsmanship involved in its creation. Students will explore the Zhou Dynasty's contributions to</p>	<p>Students' critical analysis and articulation of the main ideas surrounding Confucianism, the Terracotta Army, the Zhou Dynasty, and the Silk Road will serve as a benchmark for excellence. They will engage in thoughtful discussions, demonstrating their understanding of how these elements shaped Ancient Chinese civilization. Students will effectively communicate their insights through well-</p>

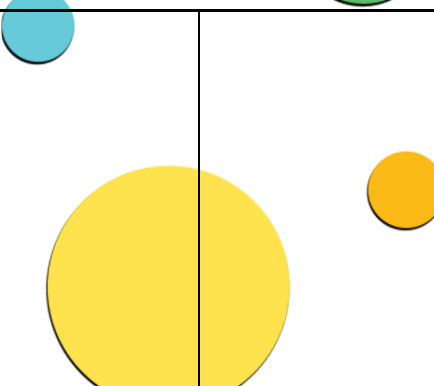


	<p>Chinese culture, politics, and philosophy, including the development of the Mandate of Heaven. Additionally, they will study the Silk Road's role in facilitating trade and cultural exchange between China and other civilizations, examining its impact on economic and cultural development.</p> <p>Skills - Students will develop a variety of skills through hands-on activities and research projects. They will engage in critical analysis of historical texts and artifacts, such as examining the significance of Confucian teachings and the craftsmanship of the Terracotta Army. Students will enhance their research skills by investigating the Zhou Dynasty's political structures and philosophies. They will also learn to map and analyze the routes of the Silk Road, evaluating its impact on trade and cultural interactions. Furthermore, students will practice effective communication skills through presentations and written reports on their findings.</p> <p>Understanding - Through this integrated study of Ancient China, students will cultivate an understanding of how Confucianism shaped Chinese society, emphasizing the importance of ethics, family values, and social harmony. They will appreciate the Terracotta Army as a reflection of</p>	<p>researched presentations and written reports that synthesize their learning, showcasing their ability to connect historical context with cultural significance.</p>
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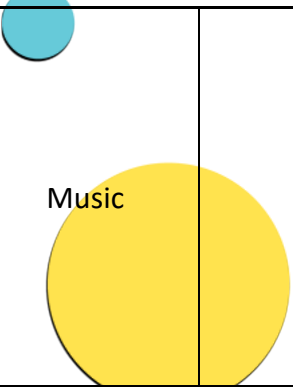
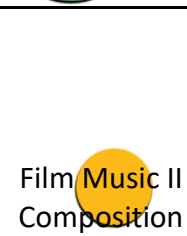


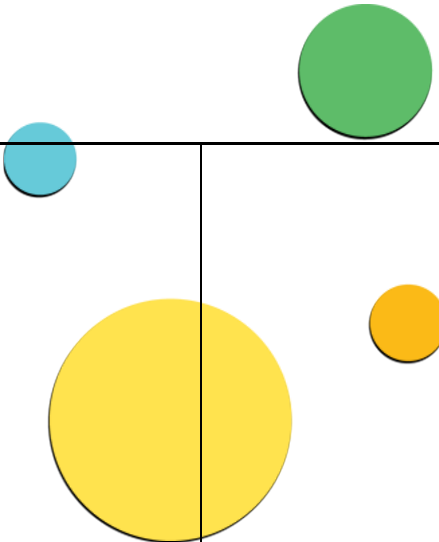
	<p>the cultural and artistic achievements of the time, and understand the political innovations of the Zhou Dynasty, particularly the concept of the Mandate of Heaven as a justification for rule. Additionally, students will recognize the Silk Road's significance in connecting diverse cultures, facilitating trade, and promoting the exchange of ideas and goods across regions.</p>	
<p>How will this be assessed?</p>		<p>Students will be assessed through various methods, including research projects, presentations, and written reports. They will participate in group discussions to demonstrate their understanding, while peer assessments will foster collaboration. Quizzes and tests will evaluate their knowledge of key concepts. Hands-on activities, such as creating models or timelines related to the Terracotta Army or Silk Road, will promote practical application of their learning. Formative assessments will provide ongoing feedback and opportunities for improvement throughout the unit.</p>

 <p>Enterprise</p> <p>Who the stakeholders of an enterprise are</p>		<p>Knowledge - Students will understand who stakeholders and learn about different types of stakeholders, as well as recognize the significance of considering stakeholders' needs and interests in decision-making processes.</p> <p>Understanding - Students will understand that stakeholders are interconnected and their interests can sometimes conflict and how stakeholders' expectations and needs influence a business's operations and strategies.</p> <p>Skills - Students will develop the ability to analyze different perspectives and consider the impact of business decisions on various stakeholders. Students will practice solving problems by considering the interests of multiple stakeholders and finding solutions that balance their needs.</p>	<p>Students can clearly define stakeholders, identify different types, and explain the importance of considering their interests. They can provide relevant examples of stakeholders from various industries and contexts. Students can analyze complex stakeholder relationships, identify potential conflicts, and propose strategies for resolving them.</p>
<p>How will this be assessed?</p>		<p>Quiz, worksheets, presentation, individual tasks, projects, group work & written assessments</p>	
<p>ICT</p>	<p>Database</p>	<p>Knowledge: Students will learn the key concepts of databases and data collection, including terminology such as tables, fields, records, and data types. They will understand the purposes and benefits of storing information in databases.</p> <p>Understanding: Students will understand how data is structured, organized, and queried within a database. They will explore the importance of</p>	<p>Excellence will be demonstrated by the ability to create well-organized and functional database to analyse data effectively.</p>

		<p>accurate data collection and how databases support decision-making processes.</p> <p>Skills: Students will develop skills in creating and managing databases using software, designing data collection methods, and using queries to retrieve specific information effectively. They will also practice data validation techniques to ensure data accuracy.</p>	
<p>How will this be assessed?</p>		<p>Quiz on data types, Problem solving using database, Major Assessment</p>	
<p>Malay Language</p>	<p>Unit 3: Keluarga dan haiwan peliharaan</p>	<p>In Unit 3: Keluarga dan Haiwan Peliharaan, students will learn how to talk about family and pets using appropriate vocabulary. They will explore activities they often do with their families, such as “berkelah bersama keluarga,” “menonton televisyen,” and “bermain dengan haiwan peliharaan.” This unit also covers common salutations used in a Malay family, like “Selamat pagi,” “Assalamualaikum,” and “Apa khabar?” Students will practice filling out registration forms using the correct words, including personal details and family relationships. Additionally, they will learn how to use Kata Ganti Nama Tunjuk ‘ini’ and ‘itu’ correctly, for example, “Ini kucing saya” and “Itu rumah nenek saya.” Through these activities, students will strengthen their vocabulary and conversational skills in a meaningful context.</p>	<p>By engaging in Unit 3: Keluarga dan Haiwan Peliharaan, students will excel in several key areas:</p> <ol style="list-style-type: none"> 1. Vocabulary Development: Students will expand their vocabulary related to family, pets, and daily activities, improving their ability to describe familiar scenarios. 2. Conversational Skills: They will become more confident in using common salutations and greetings within the context of a Malay family, enhancing their communication skills. 3. Form-Filling Accuracy: By practicing how to complete registration forms, students will develop skills in using appropriate and precise language for real-life applications. 4. Grammatical Accuracy: Mastering the usage of Kata Ganti Nama Tunjuk ‘ini’ and ‘itu’ will improve their grammar, allowing them to structure more accurate sentences in both speech and writing.

How will this be assessed?		Homework, group discussion, writing assignment and presentation.	
Mandarin	<p>Advance: 健康与幸福生活</p> <p>Beginner: Greetings & Family members</p>	<p>Advance: 在这个单元，学生将学习关于素食、生活压力、减脂和健康生活的课题。学生通过阅读文章进行讨论。</p> <p>Beginner: In this term, students will focus on mastering greetings and introducing family members in Chinese. Additionally, students will practice writing short passages for self-introduction and family introductions.</p>	<p>Advance</p> <ul style="list-style-type: none"> • 听懂关于健康生活的短文或文章，能捕捉文内容中主要传达的信息。 • 运用所学习的词汇和语法，谈论自己的生活方式，表达目前的生活方式是否健康。 • 掌握各类文章的写法，准确地表达自己的观点。 <p>Beginner</p> <p>Students learned essential vocabulary and phrases to effectively communicate about themselves and their families. Besides, students can express their identities and share personal stories in Chinese.</p>
How will this be assessed?		Group discussion, homework and assessment.	
Art & Design	Underwater Symphony: A Colorful Journey through Warhol and Hokusai	Students will learn mixed media techniques by exploring Andy Warhol's and Katsushika Hokusai's styles. They will use bright acrylic paints for eye-catching sea creatures and ink wash techniques for a flowing underwater background. This project boosts creativity, critical thinking, and technical skills, helping students express their artistic ideas effectively.	Students will show their skills by using acrylic paints to create bright sea creatures in Warhol's pop art style and ink wash techniques for a smooth underwater background inspired by Hokusai. Their work will be original and creative, with attention to detail, reflecting growth through self-assessment and feedback.
How will this be assessed?		Presentation and Major Assessment	

		<p>In this unit, students will explore the purpose and methods of using music in film. They will study the techniques for creating film music and learn how it can convey different moods and emotions. Additionally, students will focus on composition, allowing them to express their creativity while applying their knowledge of film music.</p>	<p>Toward the end of the unit, students will complete an assignment in which they will compose film music for a short scene using music software.</p>
<p>How will this be assessed?</p>		<p>Composition, group/individual tasks, Presentation</p>	
<p>PE</p>	<p>7R- Badminton 7S- Athletics</p>	<p>Badminton:</p> <p>Students will develop a solid understanding of key badminton skills, including serving, lob, drop, and lift shots. They will learn how to execute these techniques with precision, improving their overall gameplay and strategy on the court. By mastering these skills, students will enhance their agility, hand-eye coordination, and ability to anticipate their opponent's moves.</p> <p>Athletics:</p> <p>Students will gain knowledge and practical experience in various athletic disciplines, including running, jumping, and throwing events. They will learn the fundamentals of each event, focusing on proper technique, form, and the importance of physical conditioning. Through these activities, students will improve their speed, strength,</p>	<p>Badminton:</p> <ul style="list-style-type: none"> • Serving: Consistently accurate serves with precise placement, using a variety of serves (high, low, flick) to keep opponents off balance. • Lob: Ability to execute high and deep lobs that push opponents to the back of the court, setting up offensive opportunities. • Drop: Demonstrating control and finesse with drop shots that land close to the net, forcing the opponent to move forward quickly. • Lift: Effective lifts that transition from defence to offense, placing the shuttlecock in challenging positions for the opponent.



endurance, and coordination, which are essential for overall athletic performance.

Swimming:

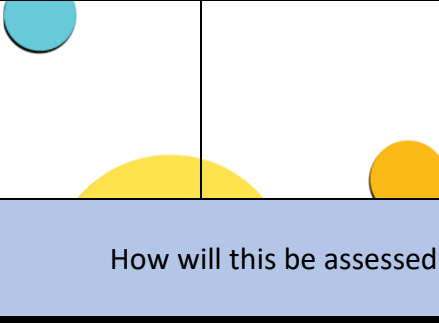
Students will develop water confidence, learning to feel comfortable and safe in the water. They will gain skills in floating, mastering the ability to stay buoyant with ease. In addition, they will learn proper techniques for freestyle and backstroke, improving their stroke efficiency, breathing control, and overall swimming ability. These skills will enhance their coordination, stamina, and safety in aquatic environments.

Athletics:

- **Running:** Demonstrating exceptional speed, endurance, and efficient technique, with strong starts, smooth transitions, and powerful finishes.
- **Jumping:** Mastery of techniques, showing strong take-off power, good body control in the air, and precise landings.
- **Throwing:** Displaying superior strength and technique in events like shot put, discus, or javelin, with consistently long and accurate throws.

Swimming (Excellence):

- **Water Confidence:** Demonstrates complete comfort and control in the water, moving confidently and efficiently without hesitation.
- **Floating:** Maintains a stable, relaxed float for extended periods, with minimal effort and perfect body positioning.
- **Freestyle:** Executes a smooth, powerful stroke with excellent form, maintaining strong speed, breathing rhythm, and endurance over longer distances.



			<ul style="list-style-type: none">• Backstroke: Shows flawless technique with consistent body alignment, efficient arm strokes, and strong, rhythmic kicking, maintaining excellent speed and control.
How will this be assessed?	Badminton- students will be assessed on the skills of serving, lob, drop, lift Athletics- students will be assessed on running, jumping and throwing events Swimming- students will be assessed on water confidence, floating, freestyle and backstroke		