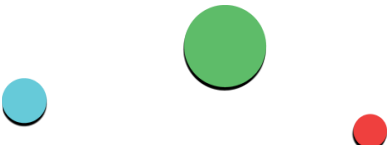
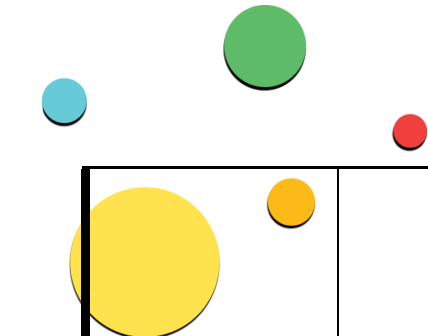


Straits International School Rawang
Curriculum Overview
Year 8 Autumn Term 1 2024/2025

Autumn Term 1	What are we learning?	What KUS will we gain?	What will excellence look like?
Mathematics	Factors, multiples and primes Expressions, Formulae and Equations, Place Value and rounding	To write positive integers as product and use them to find the LCM and HCF. To use four operations with negative numbers and understand the order of BIDMAS when solving calculations. Finding squares, cubes, and corresponding roots. Write numbers using index notations. Use correct order of operations in algebraic when constructing, substituting, expanding, factorising expressions and understanding inequalities. Multiplying and dividing by 0.1, and 0.01, round numbers to a given significant figure. Compare, order, multiply and divide decimals,	Recognising natural numbers, integers, and rational numbers. Identify square numbers and their corresponding square roots. Reasoning using the knowledge of powers, roots when solving. Change the subject of formulae. Use different methods to make decimal calculations easier.
How will this be assessed?		Class discussions, mental maths, minor and major assessments.	
First Language English	Sherlock Holmes	Knowledge about the context of Victorian London for Conan Doyle's writings. Analysing metaphors and their effects. Understanding the language and structure of the stories. Analysing and comparing the similar opening to each Sherlock Holmes story. Writing our own stories based on Conan Doyle's examples. Synthesising all knowledge about Holmes in order to explain	Excellence looks like students developing strong inference and deduction skills in their reading. They will be confident in writing introductions and conclusions and their essays will be detailed and perceptive. They will have a good understanding of the reasons for Conan Doyle's choices and the effects of these. They will also be able to compose their own writing to a high standard based on the examples they have read.



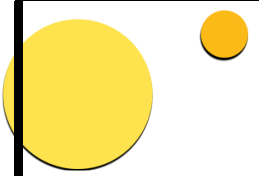
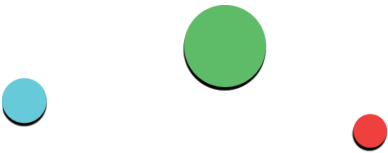
		<p>how the reader knows he is a good detective.</p> <p>Exploring the Christmas experience for the different classes in the Victorian era.</p> <p>Synthesising knowledge from across the unit to explain all the things which influenced Conan Doyle's writing. Exploring a practice essay to develop the skill of writing about an unseen extract. Composing an introduction and conclusion.</p>	
English as a Second Language	Languages of the world	<p>Talk about languages and learning languages; find out about languages spoken in Papua New Guinea; identify the meaning of emojis and discuss the advantages of using them; read about gestures and other kinds of body language in different cultures; use English idioms; write a letter to an exchange school; read and write haikus</p>	<p>Give a speech on advantages of learning a new language; explain the advantages and disadvantages of using emojis; explain body language in different cultures; use English idioms in conversation; write a letter about my experience of learning languages to send to an exchange school; write a guide to non-verbal communication in our country; teach classmates a few words and phrases of a new language.</p>
How will this be assessed?		Teacher/self-assessment, presentation, speaking tasks, projects, group work	
English as an Additional Language (EAL)	Languages of the world	<p>Engage in a comprehensive exploration of languages and their importance; read a factual article and discuss the diverse languages spoken in Papua New Guinea: listen and share their opinions on the benefits of learning languages; delve into the various meanings of emojis, discussing their advantages in modern communication. Reading about gestures and</p>	<p>Articulate the importance of languages and the benefits of learning them; confidently express opinions on language learning and demonstrate a nuanced understanding of how emojis can enhance communication; recognize and explain different cultural gestures and forms of body language; adept at identifying and using idioms, crafting informal letters with proper structure and format. Effectively using</p>



		<p>other forms of body language in different cultures, enhancing their understanding of non-verbal communication; explore idioms and learn the art of informal letter writing; fun activity will involve learning and teaching another language. In grammar, they will cover question words, conjunctions, the present continuous tense, and abstract nouns.</p>	<p>question words, conjunctions, the present continuous tense, and abstract nouns in their daily communication.</p>
How will this be assessed?		Quiz, worksheets, presentation, speaking tasks, projects & group work	
Science	Forces	<p>Students will investigate balanced and unbalanced forces, moments, and centre of mass, in addition to a variety of force-related topics, including speed, acceleration, friction, tension, and pressure. Skills will be developed in calculating speed, acceleration, and moments, interpreting data through distance-time and speed-time graphs, and accurately presenting data, including understanding how pressure behaves in liquids and gases, as well as diffusion processes.</p>	<p>A strong understanding of how different forces interact and affect motion, the ability to accurately calculate and interpret speed, acceleration, and moments, and the skill to present data clearly using graphs. Mastery of these concepts will not only enhance problem-solving abilities but also provide a solid foundation for more advanced studies in physics and engineering, equipping students with critical thinking and analytical skills that are valuable in various scientific and technical fields.</p>
How will this be assessed?		<p>Students will be assessed through practical activities, diagram-based questions, written exercises, and lab work. Projects that apply their understanding of forces will also be used to evaluate their grasp of key concepts. Quizzes and assessments will also be used to evaluate their understanding.</p>	

<p>Humanities - History</p>		<p>Studying the Tudors in Early Modern History helps students grasp the complexities of England's transformation from the late 15th to the early 17th century. They will learn about key figures like Henry VII and his role in establishing a strong monarchy, Henry VIII's dramatic break from the Roman Catholic Church, and the consequential Dissolution of the Monasteries. They also explore the impact of Henry VIII's six marriages on the English throne and how his son, Edward VI, implemented changes in the church. This period is crucial for understanding the origins of modern Britain, including its political, religious, and social changes.</p>	<p>Excellence in this area means students can clearly explain the causes and effects of the major events and decisions made by the Tudor monarchs. They should be able to analyse how these events shaped modern Britain and connect historical actions to broader changes in society. For example, they might discuss how Henry VIII's personal decisions influenced national policy and how Edward VI's reforms affected religious practices. Excellence also involves using evidence to support their arguments and understanding the broader context of Tudor history in shaping the UK's development.</p>
<p>How will this be assessed?</p>		<p>Essay, structured questions, group work and presentations.</p>	
<p>ICT</p>	<p><u>Understanding network and e-learning</u></p>	<p>Knowledge: The different types of networks, data transmission methods, network security practices, the concept of e-learning, and the use of computers in education and discovery. Understanding: How networks operate and function of network components, and the role of computers in facilitating learning and exploration. Skills: Designing and evaluating networks using the VISUAL PARADIGM tool, simulating message delivery, and effectively using</p>	<p>Excellence will be demonstrated through a thorough understanding of network types and their applications, secure and efficient data transmission, setting RJ45 cable using the crimping tool and the innovative use of computers in e-learning and discovery activities.</p>

		computers for e-learning and discovery purposes.	
How will this be assessed?		<p>Case Study: Analyze a real-world network scenario and propose solutions based on the type of network and security practices.</p> <p>Quiz: A quiz covering key concepts of network types, data transmission methods, and security practices.</p> <p>Interactive Presentation: Create an interactive PowerPoint presentation to explore e-learning concept</p> <p>Minor Assessment</p>	
Malay Language	Unit 7: Minuman dan Makan di Luar	In this unit, students will learn to understand and use vocabulary related to food, drinks, and dining out, enabling them to engage in conversations and write about these topics confidently. They will also be introduced to the usage of Kata Terbitan Akhiran such as '...an', 'isme', 'i', and 'kan' to enhance their understanding of word formation in Bahasa Melayu. Additionally, students will practice writing a news article using simple sentences, applying their newfound vocabulary and grammar skills. These lessons will help them communicate more effectively about everyday topics and improve their writing abilities.	<ul style="list-style-type: none"> • Use vocabulary related to food, drinks, and dining out accurately in conversations and writing. • Understand and apply Kata Terbitan Akhiran such as '...an', 'isme', 'i', and 'kan' in sentences. • Write a clear and concise news article using simple sentences. • Discuss and describe food and dining experiences confidently. • Demonstrate improved writing skills by incorporating appropriate vocabulary and grammar structures.
How will this be assessed?			
Mandarin	<p>Advance: 休闲活动</p> <p>Beginner: Relatives</p>	<p>Advance : 在这单元，学生会认识不同的休闲活动，透过阅读不同的文章去了解其他人对人生的体验，并对各种课题展开讨论。</p>	<p>Advance</p> <p>学生将阅读一些有关休闲活动的文章如：《学国画的老外越来越多》、《闲话休闲》、《体验人生：我在</p>



		<p>Beginner: In Year 8 Mandarin, the topic "relatives" will be assessed through three key areas: Knowledge, Understanding, and Skills.</p> <ul style="list-style-type: none">• Knowledge: Students will learn vocabulary related to family members and recognize relevant Chinese characters. They'll also understand key grammar structures, such as possessive forms, to describe family relationships.• Understanding: Students will develop an understanding of Chinese family structures and cultural contexts. They'll grasp how to construct sentences to accurately convey relationships between family members, ensuring proper word order and grammar.• Skills: Students will improve their listening skills by comprehending spoken descriptions of family members, and their speaking skills by describing their own families in Mandarin. They'll also enhance their reading skills by interpreting written texts about families, and their writing skills by composing sentences or short passages about their relatives.	<p>英国做义工》、《暑期工，经验“险”中求》等，从而探讨文中的相关的知识点以及提高学生的写作技巧。</p> <p>Beginner: Excellence in the Year 8 Mandarin topic "relatives" means mastering vocabulary, characters, and grammar to describe family relationships accurately. Students demonstrate deep understanding by fluently constructing complex sentences and showing cultural awareness of Chinese family structures. They excel in listening by comprehending nuanced descriptions, speaking with accurate pronunciation and detail, reading and understanding advanced texts, and writing well-structured, rich paragraphs about families. Excellence reflects a student's ability to communicate confidently and accurately in Mandarin, integrating both language skills and cultural insights.</p>
--	--	---	--

How will this be assessed?	Group discussion, homework and assessment.
----------------------------	--

Art & Design

Gustav Klimt –
Rubber Stamp &
Postcard – Cat

In this unit, students will explore the art of Gustav Klimt, focusing on his use of symbolism, intricate patterns, and vibrant colours, particularly in his favourite pet “*Cat*”. They will study Klimt’s role in the Art Nouveau movement, gaining insights into how he used shapes, symbols, and designs to convey deeper meanings. Students will apply this knowledge in two creative tasks: designing and carving a 3cm x 3cm rubber stamp featuring a personal symbol inspired by Klimt’s style, and creating a postcard painting influenced by the patterns and colours in “*Cat*” These activities will help students develop technical skills in both stamp-making and painting, as well as an understanding of mixed media techniques. By the end of the unit, students will have gained a deeper appreciation for art history and enhanced their ability to design, plan, and execute personal symbols and visual expressions in their artwork.

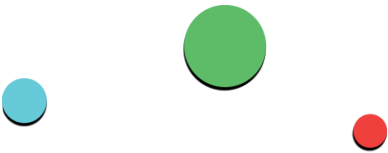
Excellence will be demonstrated by a well-researched understanding of Gustav Klimt's style and the historical significance of his work. Students will create original, thoughtfully designed symbols that reflect personal themes and inspirations, clearly influenced by Klimt. The rubber stamp design and postcard painting will show high-quality execution, showcasing technical skill in carving, painting, and patternmaking. Creative use of colour and texture, with attention to detail similar to Klimt’s work, will be key. Additionally, students will effectively present their final artwork, providing clear explanations of their design process and artistic choices.

How will this be assessed?

Presentation and Minor Assessment

- **Presentation:** Students will present their artwork (rubber stamp and postcard) and explain their creative process and influences.
- **Assessment Criteria:**
 - Creativity and originality of personal symbols.
 - Quality and precision of the rubber stamp and postcard painting.
 - Understanding of Gustav Klimt's style and effective incorporation of his techniques.
 - Effort and attention to detail in both tasks.

<p>Music</p>	<p>Reggae Music</p>	<p>In this unit, students will explore the history of reggae music and understand how it evolved from earlier Jamaican music. They will study the main features of reggae music and learn how these techniques can be used in their own music. Students will demonstrate their knowledge and understanding by participating in several individual and group learning activities. These activities aim to build students skills in performing, listening, and composing.</p>	<p>Students will demonstrate their skills in rearranging and composing the song into a reggae style by showing their understanding of the characteristics of reggae.</p>
<p>How will this be assessed?</p>		<p>Composition, Quiz and individual/group tasks.</p>	
<p>PE</p>	<p>8S- Badminton 8R- 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</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 defense to offense, placing the shuttlecock in challenging positions for the opponent. • Net: Able to execute tight net shots, hairpin drops, and aggressive net kills, effectively



		<p>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, endurance, and coordination, which are essential for overall athletic performance.</p> <p>Healthy Living</p> <p>Students will gain knowledge on different activities to keep themselves healthy and active, such as tagging games, fitness fun and so on. They will understand how to plan an effective session and will follow their plan to develop different skills and fitness components</p>	<p>maintaining pressure on their opponents and dominating the net area.</p> <p>Athletics:</p> <ul style="list-style-type: none"> • 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.
<p>How will this be assessed?</p>		<p>Badminton- students will be assessed on the skills of serving, lob, lift, net, gameplay Athletics- students will be assessed on running, jumping and throwing events</p>	