Straits International School Rawang
Curriculum Overview
Year 7 Autumn Term 1 2024/2025

Autumn Term 1	What are we learning?	What KUS will we gain?	What will excellence look like?
Mathematics	Integers, Expressions, formulae and equation, Place value and rounding	Students will learn the key mathematical concepts and skills across three sections: Integers, Expressions, Formulae, and Equations, and Place Value and Rounding. It covers the fundamental operations with integers, including addition, subtraction, multiplication, division, as well as concepts like lowest common multiples, highest common factors, divisibility tests, and roots. In algebra, it focuses on constructing and solving expressions and equations, expanding brackets, and understanding inequalities. Additionally, it addresses the place value system, the effects of multiplying and dividing by powers of 10, and the rules for rounding numbers.	Excellence will be demonstrated by a student who accurately and confidently applies mathematical concepts, such as performing integer operations, solving algebraic expressions, and understanding place value. They will handle complex calculations, solve equations and inequalities fluently, and apply rounding and powers of 10 with precision. This student will not only master these skills but also explain their reasoning clearly and approach problems with effective strategies and critical thinking.
How will this be assessed?		Quiz, topical test, mental Maths, minor assessment	

First Language English	Poetry	The difference between literal and metaphorical language. Composing a metaphorical poem. Unpicking a metaphor using the tenor (the real element) and vehicle (the imagined comparison). Applying the analysis of metaphors. Applying analysis to an unseen poem and the process of planning for an unseen essay.	Excellence will look like students being able to distinguish clearly between different types of metaphors, and comment on their effects. Students will be able to write a simple but effective analysis, as well as producing their own metaphorical poetry to a high standard.
English as a Second Language	**Making connections**	Talk about customs of meeting and greeting around the world; talk about famous gifts in history; listen to and understand information and opinions in a radio interview; talk about family members; read about people tracing their ancestors; talk about what you have done at school this term; write a post for the school website.	Describe family members and family history; talk about tracing ancestors; write about experiences at secondary school; have a conversation about giving gifts.
How will this be assessed?		Teacher/self-assessment, presentation, speaking tasks, projects, group work	

English as an Additional Language (EAL)	**Behaviour**	Explore the significance of having a daily routine and understand how behaviour contributes to maintaining it; focus on grammar topics such as the present simple tense, adverbs of frequency, and auxiliary verbs; engage in discussions about personal daily routines, examining how these routines work for them ; expand their vocabulary by learning new words related to the topic and constructing sentences in the correct context; practice writing short messages to family and friends ; brainstorm ideas on how establishing a daily routine can contribute to a healthy lifestyle.	Demonstrate a clear understanding of the importance of having a daily routine and how behaviour plays a role in maintaining it; confidently use the present simple tense, adverbs of frequency, and auxiliary verbs in their sentences; can discuss their personal routines, use new vocabulary words accurately in context, and construct well-formed sentences ; capable of writing clear concise messages to family and friends, applying the grammar and vocabulary learned ; articulate thoughtful ideas on how a daily routine contributes to a healthy lifestyle
How will this be assessed		Quiz, presentation, group work, speaking task, projects.	
Science	The Particle Model, Elements, compounds and mixtures	Students will learn how matter is made of particles and how these particles behave in solids, liquids, and gases. They'll explore how energy affects changes in state, like melting and evaporation. Additionally, students will study elements, compounds, and mixtures, including how the periodic table is organized and how elements combine to form compounds. They will also develop skills in using particle diagrams, identifying elements, writing chemical formulas, and distinguishing between different substances.	Explain particle behaviour in various states with accuracy, utilise diagrams skilfully, comprehend the periodic table, correctly write chemical formulas, differentiate between elements, compounds, and combinations, and apply their knowledge to solve problems and perform well in assessments.

How will this be assessed?		Students will be assessed through practical activities, diagram-based questions, written exercises, and lab work. They will observe and explain state changes, identify elements and compounds, write chemical formulas, and separate or combine substances. Quizzes and assessments will also be used to evaluate their understanding.	
Humanities	History	Students will gain knowledge of early human history through the study of the Cave of Lascaux, pictographs, and petroglyphs, understanding their role in prehistoric art and communication. They will gain knowledge of the major contributions and social structure of Mesopotamian civilisation in addition to the historical relevance of the Death Pit of Ur. Skills will be developed in analysing and interpreting ancient art and artifacts, explaining their historical context, and connecting these elements to broader historical narratives.	A thorough understanding of early human art and civilizations will be evident through the ability to analyse and interpret artifacts and their historical significance. This will enhance students' skills in historical analysis and critical thinking, supporting further studies in history and related fields.
How will this be assessed?		Students will be assessed through projects, quizzes, and formal assessments that evaluate their understanding and application of the material.	

ICT	Managing Data	**Knowledge:** Understanding how to enter data and manage data in spreadsheets, including the use of various formulas and functions. **Understanding:** How to apply spreadsheet modelling to solve real-life problems and analyse data effectively. **Skills:** Creating and managing spreadsheets, using formulas and functions for data analysis, and presenting data through charts and graphs.	Excellence will be demonstrated by the ability to create well-organized and functional spreadsheets, effectively use formulas and functions to analyse data.
How will this be assessed?		Quiz on formulas and functions Problem solving using spreadsheet Minor Assessment	
Malay Language	Unit 1: Pengenalan Diri dan Ucapan	In this unit, students will learn how to start a conversation using appropriate greetings, such as "Hello" or "Good morning," and how to introduce themselves when meeting someone new by saying, "My name is [Your Name]." They will also be taught the basics of grammar, including understanding common nouns and proper nouns. These skills will help students communicate effectively and confidently when introducing themselves and engaging in conversations.	• Start conversations using appropriate greetings, such as "Hello" or "Good morning." • Introduce themselves confidently by saying, "My name is [Your Name]." • Ask for someone's name politely when meeting someone new. • Identify and use nouns correctly in sentences. • Recognize and apply proper nouns in context (e.g., names of people or places). • Use pronouns accurately to replace nouns in sentences. • Engage in conversations effectively, demonstrating clear and polite communication skills.
How will this be assessed?			

Mandarin	Advance: 生活方式 Beginner: Date and Time	Advance：在这单元，学生会学习自身和环境周围的事物如：探讨穿着的重要性、单身与丁克主义、日常的生活习惯和整容美容的课题。 Beginner: In this unit, students will review how to say numbers in Chinese and expand their skills by learning to express dates and times in everyday situations.	Advance 学生将阅读一些有关生活方式的文章如：《衣服的重要性》、《单身或丁克努力的意义》、《孩子，最近身体好吗？》、《整容过后的那些囧事》从而探讨文中的相关的知识点以及提高学生的写作技巧。 Beginner Students will engage in a basic conversation based on the text, reinforcing their understanding by asking and answering questions.
How will this be assessed?		Group discussion, homework and assessment.	

Art & Design	Gustav Klimt – Rubber Stamp & Postcard – *Tree of Life*	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 famous work *Tree of Life*. 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 *Tree of Life*. 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.		

Music	Film Music	In this unit, students will explore why and how music is used in film. They will study the technique of creating film music and learn how film music can reflect different moods and feelings. 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, as well as provide opportunities for appraisal and evaluation.	Students excel in composing simple composition without errors by completing the storyboard and creating sound effects during their presentations, showcasing their creativity and ability to engage the audience effectively.
How will this be assessed?		Group tasks, Presentation and composition	
PE	7S- Badminton 7R- Athletics	**Badminton**: 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.	**Badminton**: • **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.

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