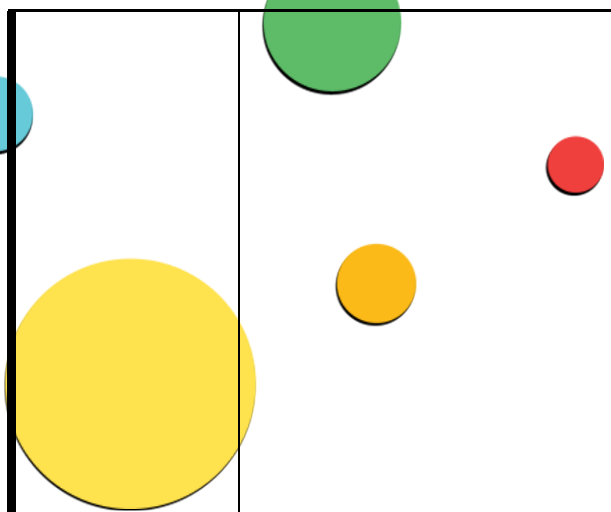


Straits International School Rawang
Curriculum Overview
Year 7 Term 2.2 2024/2025

Term 2.2	What are we learning?	What KUS will we gain?	What will excellence look like?
Mathematics	<p>Unit 9 Sequences and Functions</p> <p>Unit 10 Percentages</p> <p>Unit 11 Graphs</p>	<p>For Year 7 Sequences and Functions, students should recognize, describe, and generate linear sequences, including finding the nth term. They should understand function machines and simple algebraic expressions for sequences.</p> <p>For Percentages, students should convert between fractions, decimals, and percentages, calculate percentage increases and decreases, and solve problems involving percentage change, including reverse percentages.</p> <p>For Graphs, students should plot and interpret coordinates in all four quadrants, draw and interpret linear graphs, recognize proportional relationships, and understand gradients and y-intercepts in simple contexts.</p>	<p>Excellence in Sequences and Functions means confidently deriving and justifying nth-term rules, identifying complex patterns, and solving problems involving sequences in real-life contexts.</p> <p>In Percentages, it involves fluently applying percentage change, reverse percentages, and compound interest in multi-step problems with clear reasoning.</p> <p>For Graphs, excellence is demonstrated by accurately plotting and interpreting graphs, explaining the significance of gradients and intercepts, and making connections between equations, tables, and real-world contexts.</p>
How will this be assessed?		Mental Maths, Quiz, Sparx Maths, End of the Term Exam	
First Language English	Prose (short stories) and Writing Skills	Students will learn how to analyse prose by exploring themes, characters, and the writer's techniques, for example: language and structure.	Excellence will look like students demonstrating a deep understanding of prose by analysing themes, characters, and techniques with insight

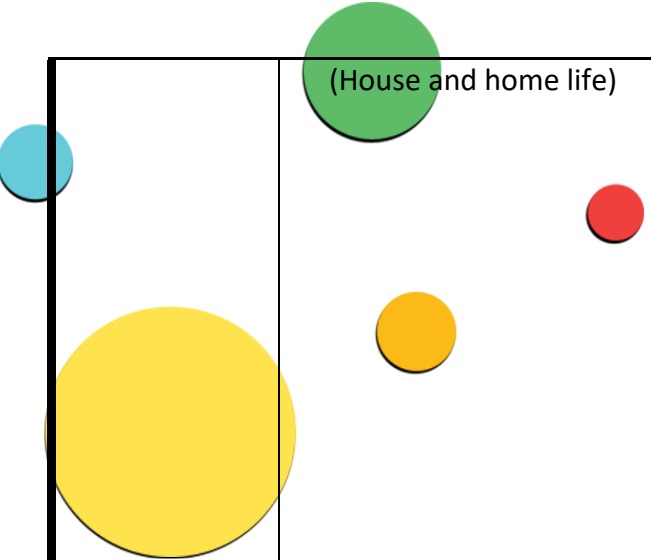
		They will improve their writing by developing clear ideas, organizing content effectively, and using the right tone. Nonfiction tasks will help them practice different formats, like articles or essays, and refine their skills.	and originality. Their writing will be clear, well-organized, and engaging, with precise language and strong structure. In nonfiction, they will confidently adapt tone and format to suit different purposes and audiences.
How will this be assessed?		Students will be assessed through various formative assessment opportunities, including PEA paragraphs, presentations, and collaborative group work. The summative assessment will be a formal writing task with a focus on analysis.	
English as a Second Language	Sports and Games	<p>Vocabulary & Language Structures: Key sports and games terminology, action verbs, modal verbs (can/can't, should/shouldn't), comparatives and superlatives (fast, faster, fastest).</p> <p>Listening & Speaking: Understanding sports instructions, discussing favorite sports, expressing opinions on sports and health benefits.</p> <p>Reading & Writing: Comprehending short texts on sports, writing simple descriptions of sports, explaining rules, writing a short recount of a game played.</p> <p>Grammar Focus: Present simple and continuous (e.g., "He plays football." / "She is playing tennis."), prepositions of movement, sequencing words (first, then, next).</p>	<p>Fluent Speaking & Writing: Using appropriate sports-related vocabulary and correct grammar.</p> <p>Clear Communication: Explaining game rules confidently, engaging in discussions, and expressing opinions with reasons.</p> <p>Listening & Comprehension: Understanding and responding appropriately to spoken and written texts about sports.</p> <p>Creativity & Engagement: Writing an engaging sports commentary or a personal recount of a sports event with details.</p>
How will this be assessed?		Formative: Vocabulary quizzes, listening comprehension activities, participation in discussions, role-plays	
English as an Additional Language (EAL)	Unit 4: From A to B	In this unit, students will explore transport systems around the world, learning about the history of public transport and discussing how they and	Students will be able to confidently discuss and compare transport systems around the world, demonstrating a clear understanding of the



		<p>others travel. They will develop descriptive language skills by using a variety of adjectives to characterize cities and engage in discussions about improving urban quality of life. Through reading and discussion, they will examine the unique construction of Venice and the challenges it faces today. Finally, students will apply their learning by writing a guide to their hometown, incorporating their knowledge of transport, urban life, and descriptive language.</p>	<p>history of public transport and its impact on urban life. They will use a wide range of descriptive adjectives to vividly characterize cities and articulate thoughtful ideas on improving the quality of life in urban areas. They will demonstrate critical thinking by analysing the construction and challenges of Venice, explaining its historical significance and environmental risks. Finally, they will produce a well-structured and engaging guide to their hometown, effectively integrating their knowledge of transport, city life, and descriptive language.</p>
<p>How will this be assessed</p>		<p>Formative assessments, worksheets, presentations, Quiz and group work.</p>	
<p>Science</p>	<p>Metal and non-metals, Chemical reactions I</p>	<p>Students will explore the properties of metals, non-metals, and alloys, examining how these properties influence their real-world applications, such as the use of alloys for durability and corrosion resistance. They will investigate the structure and behaviour of metals and non-metals, exploring the differences in their conductivity, strength, and reactivity.</p> <p>In chemical reactions, students will study how atoms rearrange during reactions, leading to the formation of new substances. They will conduct investigations into various reactions, including precipitation and corrosion, analysing how</p>	<p>Excellence will be demonstrated when students can explain the properties of metals, non-metals, and alloys, and justify their real-world applications based on these properties. They will accurately describe how materials like metals and alloys conduct heat and electricity and use this understanding to solve practical problems.</p> <p>Students will demonstrate a clear understanding of how atoms rearrange in chemical reactions, interpret experimental results effectively, and apply their knowledge to predict the outcomes of different reactions. They will also be able to explain the importance of material selection in</p>

		different factors affect the speed and outcome of reactions. Students will also explore real-world applications of chemical reactions, such as preventing corrosion and understanding the importance of materials in industrial processes.	preventing corrosion and sustaining life processes in industries.
How will this be assessed?		Assessment, Worksheets, Projects, Experiments	
History	Ancient India	Students will explore the key features of ancient Indian civilization, including the Harappan civilization, its urban planning, and its contributions to early Indian culture. They will examine the leadership of Chandragupta Maurya, focusing on his role in establishing the Maurya Empire and shaping India's political landscape. Students will also study the core principles of Hinduism and Buddhism, comparing their beliefs, practices, and cultural impacts. They will analyze the social structure of ancient India, particularly the caste system, and explore how it influenced social roles, daily life, and opportunities for individuals. Through this, students will develop a comprehensive understanding of the historical, cultural, and social dynamics of ancient India.	Excellence will be demonstrated when students can explain the significance of the Harappan civilization, analyse the leadership of Chandragupta Maurya, and critically compare Hinduism and Buddhism, highlighting their influence on ancient Indian society. Students will be able to describe the caste system and discuss its implications on social roles and mobility.
How will this be assessed?		Assessment, Worksheets, Projects	

Enterprise	Types of business organisations	Students will understand the various forms such as sole proprietorships, partnerships, corporations, and cooperatives. They will explore how businesses contribute to the economy and society. They will analyse and evaluate business strategies and decisions, identify and solving business-related problems.	Good understanding of different businesses and how they work. Able to explain why businesses are important and how they follow rules. Make good decisions based on what they have learnt. Talk and write about business types clearly. Relate to real-life businesses.
How will this be assessed?		Major assessment, worksheets, group projects.	
ICT	Chapter 1: Computational Thinking: Programming Languages	<p>Knowledge: Understanding the fundamentals of text-based programming, Python syntax, software development cycles, and integrating software with hardware.</p> <p>Skill: Writing, debugging, and testing Python programs while developing structured software and implementing physical computing solutions.</p> <p>Understanding: The importance of problem-solving, modular programming, and testing in ensuring reliable and efficient software and hardware interactions.</p>	Producing well-documented, optimized, and functional programs with thorough testing, effective debugging, and seamless integration of hardware and software.
How will this be assessed?		Problem Solving Tasks, Major Assessment	
Malay Language	Unit 5: Rumah dan kehidupan di tempat tinggal	Knowledge:	Vocabulary & Verbs: Uses a wide range of new vocabulary and <i>kata kerja</i> accurately in speech and writing.



(House and home life)

Recognize and understand new vocabulary related to *Rumah dan Kehidupan di Tempat Tinggal* (e.g., ruang tamu, dapur, jiran, perabot, kebersihan, komuniti).

Identify and use appropriate *kata kerja* (verbs) linked to home and neighborhood activities (e.g., membersihkan, memperbaiki, melaporkan, menolong).

Understand the structure and format of a formal letter (*surat rasmi*), including key components such as the sender's address, recipient's address, subject, salutation, body paragraphs, and closing.

Understanding:

Comprehend the importance of maintaining cleanliness and harmony within a neighborhood.

Understand when and how to use *kata kerja* correctly in sentences and paragraphs related to home life.

Recognize the purpose of a formal letter and the appropriate language register for lodging complaints regarding issues at home or in the community (e.g., broken facilities, noise disturbances, or neighborhood disputes).

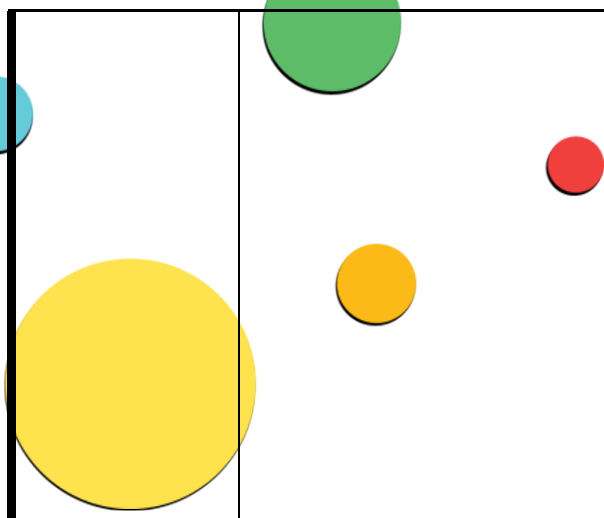
Skills:

Formal Letter: Writes a well-structured formal letter of complaint with proper format, persuasive language, and coherent arguments.

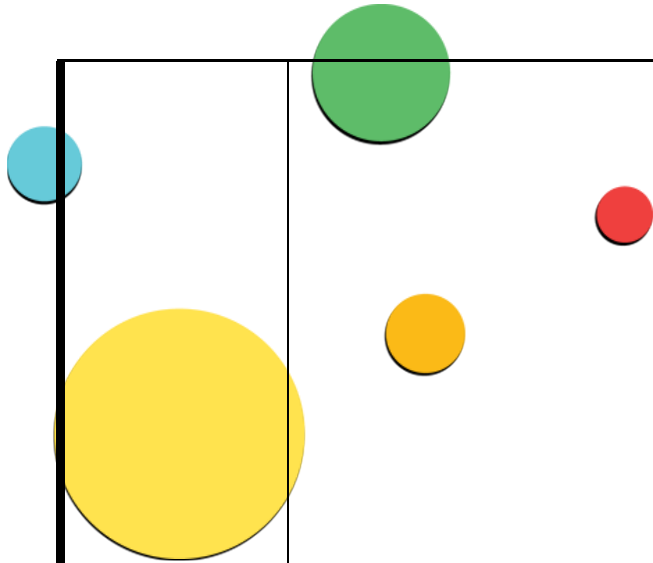
Grammar: Applies correct grammar, including proper verb usage and formal expressions.

Communication: Expresses ideas clearly and confidently in discussions or role-plays.

Understanding: Shows deep understanding of community issues by providing thoughtful solutions.

		<p>Use new vocabulary in sentences and dialogues related to home and neighborhood experiences.</p> <p>Construct grammatically correct sentences using <i>kata kerja</i> in different tenses and contexts.</p> <p>Develop writing skills by composing a formal letter to lodge a complaint, ensuring proper format, clear expression of the issue, and a respectful tone.</p> <p>Participate in role-play activities, such as reporting a neighborhood problem to a community leader.</p>	
<p>How will this be assessed?</p>		<p>Speaking Assessments, Written Tasks, Comprehension Tests, Class Discussions.</p>	
<p>Mandarin</p>	<p>Mandarin Advance: 次文化 Intermediate: Colours, Clothes</p>	<p>次文化: 在这个单元学生将会学习以及探讨各种类型的次文化如: 广场舞、跑酷和涂鸦文化。</p> <p>Beginner: In this term, students will focus on mastering colours and clothes in Chinese. Additionally, students will practice writing short passages for introducing the colours they like and talking about clothes.</p>	<p>次文化: 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> <p>Beginner: Students will learn colour and clothing vocabulary, play interactive games, and practice writing about their favourite colours and outfits in Chinese.</p>

How will this be assessed?		Homework, Worksheet, Assessment, Q&A	
Art & Design	Inspiring Modern Artwork Through Cultural Practices	Students will explore diverse cultural art forms and their meanings, gaining insight into how art conveys traditions, stories, and social values. They will also develop hands-on skills with materials and techniques unique to each culture, strengthening their creativity and technical expertise.	Students will create artwork that thoughtfully integrates cultural elements, showcasing their understanding of traditions while expressing personal creativity. Their work will demonstrate strong technical proficiency, originality in adapting techniques, and a clear connection to the cultural context.
How will this be assessed?		Presentation and Assessment	
Music	Form And Structure	Students begin with an exploration of question-and-answer phrases as one of the simplest types of musical structures, relating this to call and response singing and how musical question and answer phrases balance with each other to form a complete structure. Binary and Ternary Forms are then explored with an emphasis on how musical contrast is achieved between the “A” and “B” sections, revising the Elements of Music.	Excellence will be demonstrated through students' ability to confidently create and perform well-balanced question-and-answer phrases that clearly reflect musical structure that they have learnt.
How will this be assessed?		Major Assessment, worksheet, project.	
PE	Basketball and volleyball	Basketball:	Basketball:



Students will develop essential basketball skills, including dribbling with control, accurate passing, and effective shooting techniques. Through gameplay, they will learn teamwork, strategic thinking, and court awareness, enhancing their decision-making and collaboration skills.

Volleyball:

Students will gain foundational knowledge of volleyball, focusing on digging and serving techniques. They will also learn the basic rules of the game, fostering an understanding of gameplay and the importance of teamwork. These skills will improve their hand-eye coordination, communication, and ability to participate confidently in the sport.

Dribbling: Maintains precise control while using both hands, changing speed and direction fluidly, even under defensive pressure.

Passing: Executes accurate, well-timed passes using a variety of techniques (e.g., bounce, chest, overhead), creating scoring opportunities and maintaining ball flow.

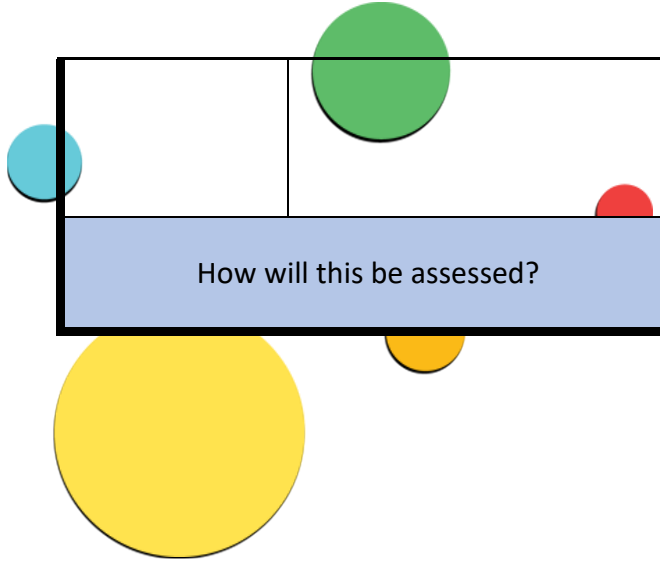
Shooting: Consistently accurate from various distances and positions, demonstrating excellent form and composure under pressure.

Gameplay: Shows outstanding court awareness, quick decision-making, and seamless teamwork, contributing to both offensive and defensive success.

Volleyball:

Digging: Demonstrates excellent reflexes and control, consistently making effective digs that set up teammates for plays.

Serving: Delivers accurate, powerful, and strategic serves that challenge the opposing team.



			Rules: Shows a clear understanding of the rules, consistently adhering to them while playing with confidence and sportsmanship.
How will this be assessed?	Through a basketball and volleyball match – with a focus on key skills and function.		