

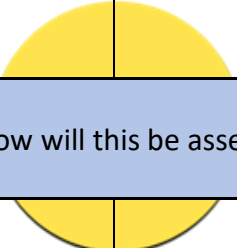
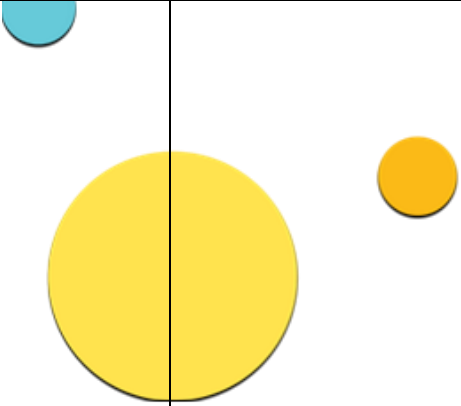

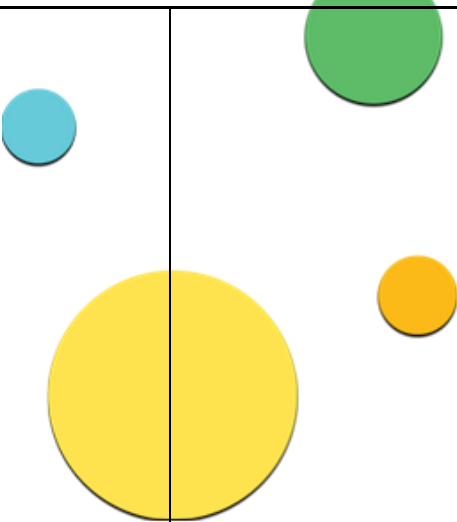


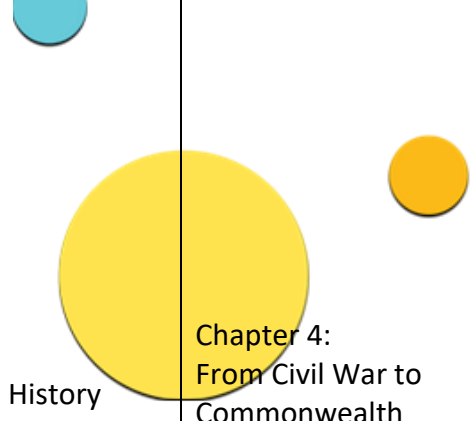
Straits International School Rawang
Curriculum Overview
Year 8 Term 2.2 2024/2025


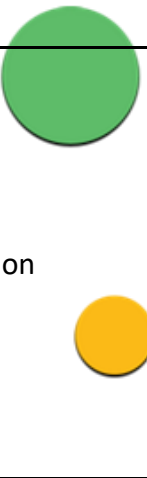
Term 2.2	What are we learning?	What KUS will we gain?	What will excellence look like?
Mathematics	<p>Unit 9 Functions and Sequence</p> <p>Unit 10 Percentages</p> <p>Unit 11 Graphs</p>	<p>Learn how to generate a sequence with term to term and position to term (nth term) rule using patterns and sequence of numbers. To work out the input and output values of a function machines and write functions as an equation. Students learn to calculate percentage increases and decreases, to write a change in value as a percentage, learn to use a multiplier to calculate a percentage increase or decrease. Students will also be learning represent situations in words and using functions, construct a table of values for a function, use the table to plot a graph, learn to interpret the values of m and c for a function of the form $y = m x + c$, read and interpret graphs with several components, understand why graphs have specific shapes.</p>	<p>Excellence in these topics involves generating sequences and solving function machines. Excellence is by fluently apply mathematical reasoning, connections, and problem-solving in real-world contexts. conceptual understanding, real-world application, and problem-solving. Students should apply percentage changes to practical scenarios, use multipliers efficiently, and represent functions contextually. Constructing tables, plotting graphs, and interpreting m and c in $y = m x + c$ enhances analytical skills. Graph interpretation should extend to multiple components, fostering deeper insights.</p>
How will this be assessed?		Class discussions, mental maths, major assessments.	

 <p>First Language English</p>	 <p>Poetry and Writing Skills</p>	<p>Students will continue learn to choose words carefully and use vivid details to make their writing clear and engaging. They will explore how structure, tone, and figurative language enhance meaning. Students will also explore the analytical framework of literature – with a focus on clear and effective communication.</p>	<p>Excellence in poetry will look like students analysing poems with depth, showing a clear understanding of themes, emotions, and the writer’s use of language, structure, and techniques. Their own writing will be creative, precise, and emotionally engaging, using vivid imagery, strong word choices, and thoughtful structure to convey meaning effectively.</p>
<p>How will this be assessed?</p>		<p>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.</p>	
 <p>English as a Second Language</p>	<p>Natural wonders</p>	<p>Vocabulary & Language Structures: Descriptive adjectives (majestic, breathtaking, vast), geographical terms (mountain, canyon, reef), comparatives and superlatives.</p> <p>Listening & Speaking: Understanding descriptions of natural wonders, discussing famous landmarks, expressing opinions on their significance.</p> <p>Reading & Writing: Comprehending travel articles and informational texts, writing descriptive paragraphs about natural wonders.</p> <p>Grammar Focus: Past tense (history of natural wonders), present perfect (e.g., "I have visited..."), modals (must, might, could for speculation).</p>	<p>Fluent and Engaging Communication: Using rich vocabulary to describe natural wonders in detail.</p> <p>Confident Speaking & Writing: Expressing well-structured opinions, providing reasons and examples.</p> <p>Critical Thinking & Creativity: Comparing different natural wonders, discussing their significance, and proposing ways to protect them.</p> <p>Strong Comprehension Skills: Understanding and analysing texts, making inferences, and summarizing key ideas.</p>

How will this be assessed?		Formative: Vocabulary quizzes, listening activities, class discussions, descriptive speaking exercises.	
 <p>English as an Additional Language (EAL)</p>	<p>Unit 4 - Advertising</p>	 <p>In this unit, students will explore the world of advertising by learning and using key vocabulary to discuss advertisements. They will read and analyse three different ads, describe and critique an advert, and engage in discussions about the success of a well-known brand. Through listening activities, they will examine the psychology behind supermarket layouts. Students will develop their communication skills through role-playing conversations about school notice board adverts and will apply their learning by writing their own advertisement. Additionally, they will present a plan for an outing, activity, or improvement to the school recreation area. The unit will also introduce literary analysis as students read an extract from a classic American fiction story and conclude by writing a dialogue for a story, enhancing their creative writing and storytelling skills.</p>	<p>Students will confidently use precise and varied vocabulary to discuss and analyse advertisements, demonstrating a strong understanding of advertising techniques and their effects. They will critically evaluate three advertisements, providing insightful observations and well-supported opinions. In discussions, they will articulate thoughtful perspectives on brand success and the psychology behind supermarket layouts, making connections to real-world marketing strategies. Their role-play conversations will be engaging and realistic, showcasing strong persuasive and communicative skills. Their written advertisement will be creative, persuasive, and well-structured, effectively targeting an audience. When presenting a plan for an outing, activity, or school improvement, they will deliver a clear, compelling, and well-reasoned proposal. Additionally, they will analyze an extract from a classic American fiction story with depth, demonstrating an understanding of themes and literary devices. Finally, their written dialogue will be imaginative and well-crafted, showcasing strong narrative skills and character development.</p>
How will this be assessed		Formative assessments, worksheets, presentations, Quiz and group work.	




 <p>Science</p>	<p>Lifestyle and health, Solutions and other mixtures</p>	<p>Students will learn how food, diet, and health are all connected, exploring the role of carbohydrates, fats, and energy in keeping our bodies functioning. They'll dive into experiments to measure the energy in food, understanding the importance of controlling variables in science. As they study the importance of a balanced diet, students will also discuss the effects of issues like starvation, obesity, and smoking on health. They'll discover how our skeletons and muscles work together to help us move, while also exploring how inequalities in health and nutrition can impact different communities.</p> <p>When studying solutions, students will investigate what makes up pure substances and how mixtures are formed. They'll explore practical topics like how seawater can be turned into drinking water, use chromatography to separate substances, and learn about the science of concentration. Students will also examine how substances like chlorine are used to treat water, study solubility, and carry out experiments to see how temperature affects it. Through these hands-on investigations, students will develop important skills in data analysis, experimental design, and clear communication of their findings.</p>	<p>Excellence will be demonstrated when students can explain the connections between diet, health, and lifestyle choices, analyze the impact of various health issues like obesity and smoking, and evaluate the importance of a balanced diet. They will also demonstrate an understanding of the processes involved in creating mixtures and solutions, conduct experiments to investigate solubility, and communicate their findings clearly and accurately.</p>
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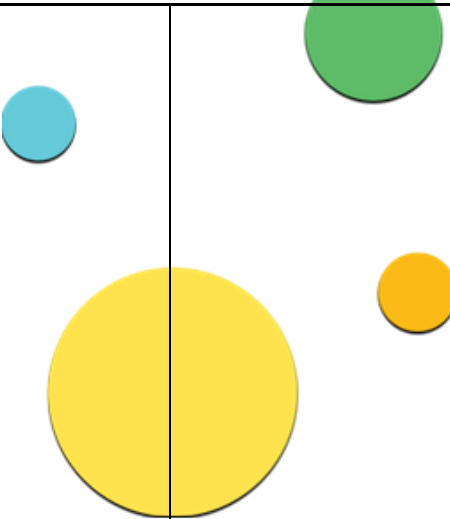
<p>How will this be assessed?</p>	<p>Assessment, Worksheets, Projects, Experiments</p>	
<p>History</p> 	<p>Chapter 4: From Civil War to Commonwealth</p> <p>In this chapter, students will learn about the causes, key events, and consequences of the English Civil War (1642-1651). They will understand the conflict between King Charles I and Parliament over power, religion, and finances, leading to a war between Royalists (Cavaliers) and Parliamentarians (Roundheads). They will explore major battles, the trial and execution of Charles I (1649), and the short-lived Commonwealth under Oliver Cromwell. Finally, they will examine how the war led to the Restoration of the monarchy (1660) and the long-term shift towards constitutional monarchy, where Parliament gained more control over the king. Through this, students will develop critical thinking skills by analyzing historical events, debating perspectives, and understanding how the war shaped modern democracy.</p>	<p>Excellence in this chapter will be shown by students who can clearly explain the causes, key events, and consequences of the English Civil War with detailed knowledge and historical evidence. They will analyze the roles of key figures like King Charles I and Oliver Cromwell, evaluate different perspectives (Royalist vs. Parliamentarian), and draw connections between the war and the development of constitutional monarchy and modern democracy. Mastery will also include the ability to interpret primary sources, use historical thinking skills like cause and effect, and engage in critical discussion, forming well-supported arguments about the war's long-term impact.</p>
<p>How will this be assessed?</p>	<p>Through assessments, fact file, and class debates.</p>	

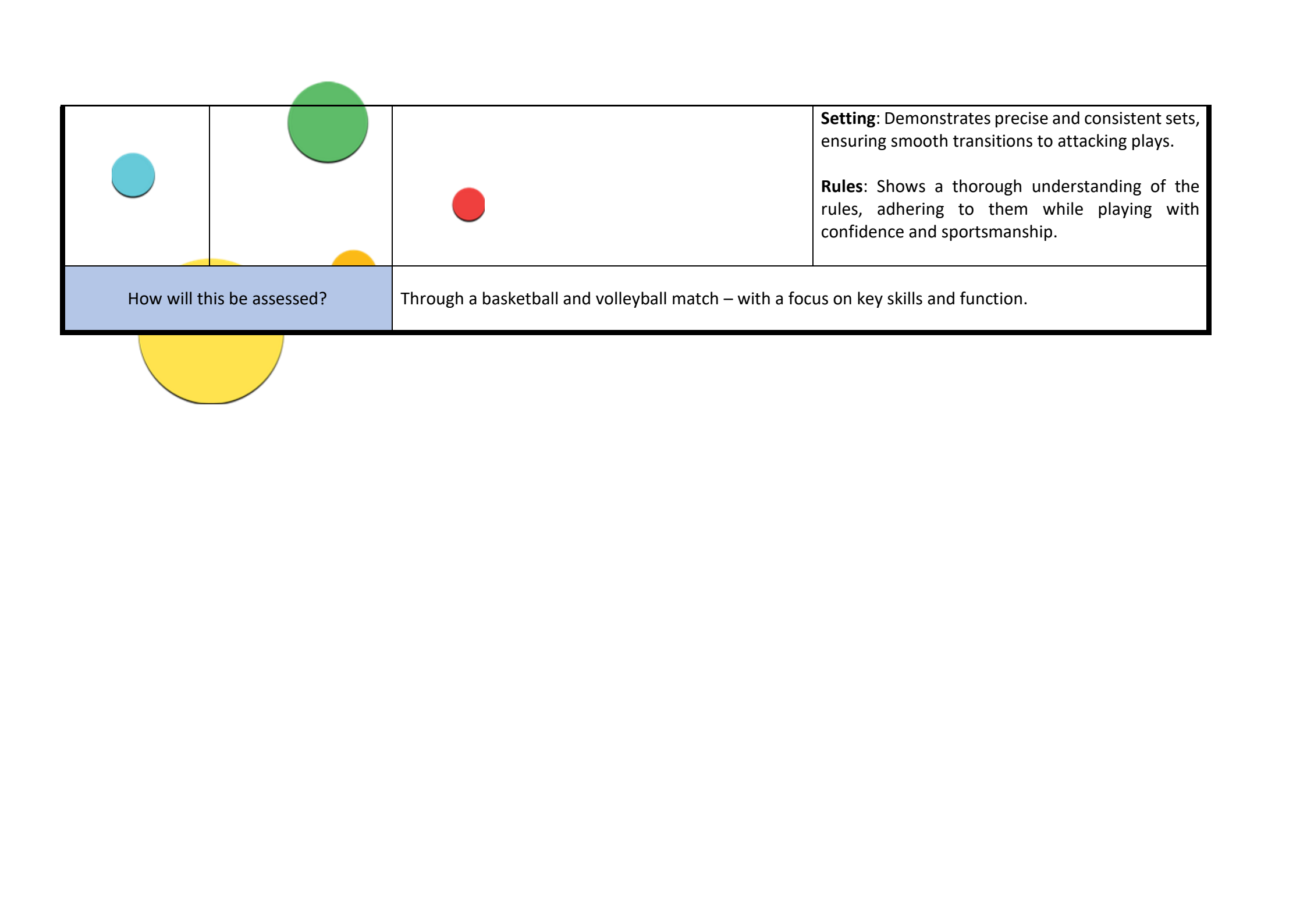
 <p>Enterprise</p>	 <p>Negotiation</p>	<p>Understand what negotiation is and why it's important in everyday life and business. Learn the different steps involved in negotiating. Know how to get ready for a negotiation, like setting goals, understanding what the other person wants, and make a plan. Learn how to gather information, set goals, and plan before negotiating. Get better at listening, explaining your ideas clearly, and persuading others. Find solutions that work for everyone and handling any conflicts that come up.</p>	<p>Effectively gathering information, setting objectives, and planning strategies. Clearly expressing ideas, actively listening, and persuading others. Finding solutions that benefit everyone and managing conflicts smoothly. Evaluating the negotiation process and outcomes to understand what worked well and what didn't. Adjusting strategies and approaches based on the situation during the negotiation.</p>
<p>How will this be assessed?</p>		<p>Major assessment, worksheets, group projects.</p>	
<p>ICT</p>	<p>Chapter 1: Computational Thinking: Programming Languages</p>	<p>Knowledge: Understanding how data, libraries, and selection structures contribute to efficient software development and physical computing. Data types (integer, string, boolean, etc.), variable assignment, input/output methods, string manipulation.</p> <p>Skill: Writing structured, logical, and efficient code that integrates libraries, handles data, and interacts with hardware.</p> <p>Understanding: The importance of modularity, reusability, and problem-solving in software and physical computing applications.</p>	<p>Developing well-structured, efficient, and error-free programs that effectively utilize data, libraries, and selection structures while integrating software with hardware for real-world applications.</p>




How will this be assessed?		Problem solving task, Major Assessment	
<p>Malay Language</p>	<p>Unit 11: Ukuran dan Bahan (Measurement and material)</p>	<p>Knowledge:</p> <p>Learn new vocabulary related to measurements and materials (e.g., <i>gram, liter, meter, kilogram, banyak, sedikit, secukupnya, separuh</i>).</p> <p>Identify and use different types of <i>kata adjektif</i> (adjectives) such as <i>banyak, sedikit, panjang, pendek, berat, ringan</i>.</p> <p>Understand units of measurement and their usage when describing quantities.</p> <p>Understanding:</p> <p>Comprehend the importance of accurate measurements when buying ingredients or materials.</p> <p>Understand the role of <i>kata adjektif</i> in describing quantities and sizes clearly.</p> <p>Recognize how measurements and adjectives work together to give precise information.</p> <p>Skills:</p>	<p>Uses a wide range of measurement-related vocabulary accurately in speech and writing.</p> <p>Applies <i>kata adjektif</i> correctly to describe quantities, sizes, and amounts.</p> <p>Confidently participates in buying-and-selling simulations, stating exact measurements clearly.</p> <p>Explains precisely how much of each ingredient is needed using correct units and adjectives.</p> <p>Produces clear and well-structured shopping lists or dialogues using accurate vocabulary and <i>kata adjektif</i>.</p>

		<p>Vocabulary: Use topic-related vocabulary accurately in conversations and writing.</p> <p>Grammar: Form sentences using <i>kata adjektif</i> correctly to describe amounts and sizes.</p> <p>Speaking: Participate in role-plays, such as buying ingredients at a shop and stating exact measurements (e.g., “Saya mahu satu kilogram gula dan dua liter susu”).</p> <p>Writing: Write short dialogues or lists using correct measurements and adjectives.</p> <p>Problem-Solving: Explain clearly how much of each ingredient is needed for a recipe or project.</p>	
<p>How will this be assessed?</p>		<p>Speaking Assessments, Written Tasks, Comprehension Tests, Class Discussions.</p>	
<p>Mandarin</p>	<p>Advanced: 风俗与传 统</p> <p>Intermediate: 1. Making phone calls.</p> <p>2. Fruits & Vegetables</p>	<p>Advanced: 在这单元，学生会认识不同地域的风俗习惯，通过阅读不同的文章去了解不一样的传统与历史，并对各种课题展开讨论。</p> <p>Intermediate: Students will develop key linguistic skills in speaking, listening, reading, and writing. They will learn how to initiate, maintain, and conclude phone conversations using appropriate phrases, and expand their vocabulary related to fruits, vegetables, and shopping. Grammar focus includes modal verbs, measure words, and sentence</p>	<p>Advanced: 学生将阅读一些有关风俗习惯的文章如：《回乡过年变成一种仪式》、《日本风俗中的趣事》，从而探讨文中的相关的知识点以及提高学生的写作技巧。</p> <p>Intermediate: Excellence will be demonstrated through confident, fluent conversations with clear pronunciation and accurate tone usage. Students will write detailed messages and dialogues incorporating complex sentence structures. They will comprehend and respond to spoken dialogues</p>

		<p>structures for making requests, offering choices, and expressing preferences. Cultural insights into phone etiquette and food markets in Chinese-speaking regions will also be explored.</p>	<p>with speed and accuracy. In discussions, they will apply cultural knowledge to express opinions and preferences naturally. Writing tasks will showcase a variety of vocabulary and grammatical accuracy.</p>
<p>How will this be assessed?</p>		<p>Group discussion, homework and assessment.</p>	
<p>Art & Design</p>	 <p>Inspiring Modern Artwork Through Cultural Practices</p>	<p>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.</p>	<p>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.</p>
<p>How will this be assessed?</p>		<p>Presentation and Assessment</p>	
<p>Music</p>	<p>Jazz and Blues</p>	<p>This unit deepens students' understanding of Jazz and Blues by exploring key musical features such as chord progressions and improvisation techniques. Students will learn how chord progressions are performed, notated, and applied in these genres. They will also recognize and identify commonly used chords. Additionally, students will develop their improvisation skills by understanding what makes an effective Jazz improvisation.</p>	<p>Excellence in identifying the Blues Scale in Jazz will be demonstrated through a deep understanding of its structure and application. Students will accurately recognize and notate the Blues Scale in different keys, confidently identify its use in Jazz compositions.</p>
<p>How will this be assessed?</p>			

 <p>PE</p>	<p>Basketball and volleyball</p>	<p>Basketball:</p> <p>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.</p> <p>Volleyball:</p> <p>Students will gain foundational knowledge of volleyball, focusing on digging, setting 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.</p>	<p>Basketball:</p> <p>Passing: Delivers accurate, well-timed passes under various conditions, using different techniques to maintain ball movement and create scoring opportunities.</p> <p>Shooting: Consistently accurate from various positions, with proper form and the ability to perform effectively under pressure.</p> <p>Dribbling Under Pressure: Maintains control and composure while dribbling in high-pressure situations, using both hands effectively and adapting to defensive challenges.</p> <p>Gameplay: Demonstrates advanced court awareness, quick decision-making, and strong teamwork, making strategic contributions on both offense and defense.</p> <p>Volleyball:</p> <p>Digging: Executes controlled and accurate digs, effectively recovering difficult balls and setting up plays.</p> <p>Serving: Consistently delivers accurate, strategic serves with appropriate power and placement.</p>
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<p>How will this be assessed?</p>		<p>Through a basketball and volleyball match – with a focus on key skills and function.</p>	