

Straits International School Rawang Curriculum Overview Year 11 Term 3.1 2024/2025

Term 3.1	What are we learning?	What KUS will we gain?	What will excellence look like?
Mathematics	Topical past paper and past year papers practice	In Year 11 Past Paper Practice, students apply knowledge from all maths topics to tackle IGCSE-style questions confidently. They develop problem-solving skills, use clear mathematical reasoning, and manage time effectively during exams. Understanding includes recognising question types, interpreting multi-step problems, and selecting appropriate methods. Regular practice helps identify common errors, improve accuracy, and build exam confidence.	Excellence in Past Paper Practice is shown by consistently solving complex, multi-step problems with accuracy and clear reasoning under timed conditions. Students demonstrate a deep understanding of topics across the syllabus, confidently selecting efficient methods and justifying their approaches. They reflect on mistakes, act on feedback, and show strong exam strategies, including time management, checking work, and adapting to unfamiliar contexts.
How will th	is be assessed?	IGCSE Past Paper Tests	
Additional Mathematics	Topical past paper and past year papers practice	In Year 11 Additional Maths Past Paper Practice, students apply advanced knowledge in algebra, calculus, functions, kinematics, and trigonometry to solve challenging exam-style problems. They develop skills in mathematical modelling, problem-solving, and logical	Excellence in Additional Maths Past Paper Practice is shown by confidently solving complex, multi-step problems across all topics with precision and clarity. Students demonstrate deep understanding by selecting efficient methods, justifying each step with clear reasoning, and adapting strategies to unfamiliar contexts.

		reasoning across a range of unfamiliar contexts. Understanding includes selecting appropriate methods, interpreting complex questions, and communicating solutions clearly using correct mathematical notation. Regular practice builds exam confidence, accuracy, and the ability to reflect on errors and improve performance.	They manage time effectively, communicate using accurate mathematical language and notation, and consistently learn from feedback to refine their performance.
How will th	nis be assessed?	HGCSE Past Paper Tests	
First Language English & Literature in English	All papers - revision	Students will be able to demonstrate a solid knowledge of all of the studied Literature texts, including all 15 studied poems, the novel Things Fall Apart, and the play A Midsummer Night's Dream. They will also demonstrate knowledge of how to best approach and answer each of the exam questions. They will practise answering various types of exam questions to prepare them for their GCSE exams. This should help them fully develop the skills needed to approach each question with confidence. Finally, students will understand how to make connections within their writing and be able	As you prepare for your GCSEs, excellence means more than just remembering what you've learned — it means showing depth, confidence, and control in how you think, write, and respond to the exam questions. To reach the highest possible grades, excellent students will: know their texts inside and out; be able to recall key themes, characters, and quotes — and understand how these are shaped by the writer's techniques; understand the historical, cultural, and social contexts where relevant, and how these inform meaning; be familiar with the structure and timing of every exam paper and the types of questions they could be asked; know exactly how to approach each question type — whether it's analysis, comparison, directed writing, or composition; practise planning answers efficiently and writing under timed conditions to build stamina and confidence.

		to demonstrate a deep understanding of the texts read and the contexts behind them, where appropriate.	With Literature writing in particular, students will demonstrate: a clear, thoughtful interpretation of texts not just what happens but why it matters; analysis of how writers use language, structure, and form for effect; use of terminology accurately and embedding of quotations smoothly; thoughtful links between texts, ideas, and contexts; engaging personally and critically with what they've read; responding with nuance — toplevel answers avoid generalisation and instead explore subtle meanings and perspectives. When studying, excellent students will: stay organised with revision notes and personal targets; actively review feedback and use it to improve; keep practising and self-checking — top students take ownership of their progress.
How will th	is be assessed?	Ongoing formative assessments in class.	
English as a Second language	Targeted IGCSE Past Paper Practice and Assessment	This term focuses on consolidating skills through targeted past paper practice in reading, writing, listening, and speaking, using authentic IGCSE exam materials to build confidence and familiarity with the format and expectations. Students review exam techniques, improve time management, and refine their accuracy in grammar, vocabulary, and text structure.	Excellence is demonstrated by students who show a high level of accuracy, clarity, and coherence in their reading and writing responses, listen actively and respond with detail and understanding, and speak fluently with appropriate pronunciation, grammar, and vocabulary, confidently addressing all parts of each task within the time limits and exam requirements.
How will this be assessed?		Full past paper tests under timed conditions ac	ross all four components:

		peaking Test (conducted and recorded in exam format) and model answer analysis targeting common errors and
English as an Additional Language (EAL) Past Year papers practise	In this unit, students will engage in completing, discussing, and correcting past IGCSE EAL papers to deepen their understanding of exam structure, question types, and assessment criteria. They will develop key exam strategies, such as effective time management, skimming and scanning for information, and planning extended responses. Through guided practice and feedback, students will refine their skills in reading comprehension, summary writing, note-taking, and structured writing tasks including letters, reports, and essays. Regular peer and teacher discussions will help them analyse model answers and common errors, strengthening their analytical thinking and language accuracy. By the end of the unit, students will demonstrate increased confidence, exam readiness, and a clear understanding of how to approach and succeed in each section of the IGCSE EAL exam.	Excellence in this unit will be demonstrated by students showing a thorough understanding of the IGCSE EAL exam format and confidently applying effective strategies to tackle each question type with precision. They will consistently use skimming and scanning techniques to locate information quickly and accurately, plan and produce well-organized, coherent extended responses, and write with clarity, correct grammar, and an appropriate tone for a variety of text types. Their summaries and notes will be concise and focused, capturing key points without unnecessary detail. During class discussions, they will actively engage in analyzing model answers and reflecting on feedback to improve their own work. High-achieving students will show the ability to avoid common pitfalls, self-correct with minimal guidance, and perform consistently across reading, writing, and grammar sections. Their work will reflect exam readiness, linguistic precision, and a high level of independence and confidence under timed conditions.
How will this be assessed?		

Combined Past Paper Practice Science

Past paper practice is designed to help students review and apply key concepts from the IGCSE Combined Science 0653 syllabus in preparation for the exam papers. Students will focus on reinforcing their understanding of core science principles across biology, chemistry, and physics, with an emphasis on practical skills and exam techniques. They will practice problem-solving, data analysis, and experimental methods, preparing for Paper 1 (Multiple Choice), Paper 2 (Theory), and Paper 6 (Alternative to Practical).

Knowledge, Understanding, and Skills (KSU)

Students will consolidate their knowledge of important scientific concepts, definitions, and equations, focusing on quick problem-solving for multiple-choice questions and applying scientific principles in theory papers. They will also enhance their experimental and practical skills, interpreting data, analyzing results, and identifying errors in experiments for Paper 6.

In terms of understanding, students will recognize question patterns and avoid common mistakes, developing strategies for tackling different types of questions. They will improve their ability to interpret data and

Success in IGCSE Combined Science 0653 is demonstrated by students' ability to recall and apply scientific knowledge across biology, chemistry, and physics. Excellence is shown when students make connections between concepts, perform accurate calculations, and use scientific terminology appropriately. Strong work includes detailed explanations, reasoned arguments, and systematic problem-solving.

For instance, in chemistry, a top answer would explain how to balance a chemical equation, emphasizing the conservation of mass. In physics, students should apply formulas correctly, showing their understanding of energy conservation or motion, while in biology, detailed descriptions of processes like photosynthesis would be expected, supported by accurate terminology and diagrams.

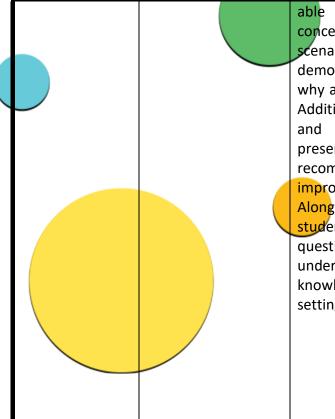
To achieve the highest standards, students must master exam techniques, manage their time effectively, and address common errors by reviewing past papers. Focus should be on understanding concepts deeply, not just memorizing facts. By explaining their reasoning clearly and seeking regular feedback, students can continuously improve and excel.

		apply science concepts to practical and real-world scenarios. By the end of the unit, students will have strengthened their analytical and problemsolving abilities, honed their exam techniques, and improved time management. They will be able to apply scientific knowledge effectively in new contexts, justify their answers with logical reasoning, and evaluate scientific principles in real-world applications.	
Biology	Multiple Choice, Theory and Alternative to Practical Past Papers Practice	Quiz, assessments and group discussion Through practising IGCSE Biology Multiple Choice, Theory and Alternative to Practical Past Papers, students will gain a deeper understanding of key biological concepts across all syllabus topics. They will develop skills in critical reading, data interpretation, structured scientific writing, and applying knowledge to new situations. Additionally, they will refine their exam technique, time management, and familiarity with the specific requirements of different types of questions.	Excellence will be shown by consistent accuracy in responses, the ability to interpret and apply knowledge across a range of question formats, and confidence in handling practical-based scenarios in the Alternative to Practical papers. High-achieving students will demonstrate clear scientific reasoning, concise and well-organised answers, and the ability to link concepts logically. They will also show adaptability in tackling unfamiliar contexts and multi-step questions effectively.
How will th	nis be assessed?	performance tracking. Marks will be analysed to	timed practice papers, peer and teacher feedback, and to identify areas of strength and improvement, with focus technique. Success will be measured not just by scores, but exam readiness.
Chemistry	Multiple Choice, Theory and	Through practising IGCSE Chemistry Multiple Choice, Theory and Alternative to Practical	Excellence will be demonstrated through consistently high performance in practice papers, with answers that reflect

	Alternative to Practical Past Papers Practice	Past Papers, students will consolidate their understanding of core chemical principles across the syllabus. They will enhance their skills in interpreting data, balancing equations, solving chemical calculations, and explaining processes such as bonding, reactions, and energy changes. Exposure to past paper questions also builds familiarity with command words, question styles, and how to approach practical-based scenarios analytically.	accurate scientific knowledge, clear reasoning, and confidence in applying concepts to unfamiliar situations. Students working at this level will show the ability to think critically under timed conditions, explain complex processes with clarity, and interpret experimental results or diagrams effectively. Their responses will be structured, precise, and use appropriate scientific vocabulary throughout.
How will th	is be assessed?	reflection on common errors. Students will be a on the depth of understanding shown in their w	re sessions, marked papers with feedback, and targeted ssessed not only on the number of correct answers but also written responses and their ability to handle practical-based assure improvements in exam technique, accuracy, and emistry questions.
		Past paper practice helps students consolidate key concepts from the IGCSE 0625 Physics syllabus in preparation for all three exam papers. Students will review core physics principles, focusing on theoretical understanding, practical applications, and	Excellence in IGCSE Physics revision is shown through a deep understanding of core principles and their accurate application in solving problems across all three exam papers. Success is marked by a student's ability to recall and apply concepts effectively in multiple-choice, theory, and practical assessments.
Physics	Past Paper Practice	exam strategies. They will refine their problem-solving, data analysis, and experimental skills, preparing for Paper 2 (Multiple Choice), Paper 4 (Theory), and Paper 6 (Alternative to Practical).	In Paper 2 (Multiple Choice), excellence involves quickly identifying the correct answers through solid understanding. In Paper 4 (Theory), strong work includes providing not only the correct answers but also clear explanations, such as detailing how energy conservation
		Knowledge, Understanding, and Skills (KSU)	works or applying Newton's laws. In Paper 6 (Alternative to Practical), students should excel in analyzing data,

	Students will strengthen their grasp of key concepts, equations, and definitions, practicing quick problem-solving for multiple-choice questions and applying formulas in theory papers. They will also enhance their experimental techniques, improving data interpretation, graph analysis, and error identification for Paper 6. Students will learn to recognize question patterns, avoid common errors, and develop effective strategies for different question types. They will improve their ability to interpret data and apply physics principles in real-life situations. By the end of the unit, students will have developed critical problem-solving and exam techniques, mastering time management and structured responses to maximize marks. They will apply theoretical knowledge to new contexts and justify answers with clear reasoning.	plotting graphs, and identifying errors with suggested improvements. To reach the highest standards, students must practice past exam questions to recognize patterns, refine time management, and address common misconceptions. Consistently applying exam techniques, improving speed, and seeking feedback are key. Parents can help by supporting regular revision, identifying areas for improvement, and emphasizing understanding over memorization.
How will this be assessed?	Quiz, assessments and group discussion	
History Revision & Past Paper Practice	Students are practicing IGCSE History papers (timed). They're honing their writing skills, and answering structuring methods, through critical thinking analysis, and discussion.	Thorough understanding of the knowledge and effective application of that knowledge. Ability to structure long-response answers in a timely manner.

How will th	is be assessed?	IGCSE History Past papers	
Business Studies	Past-paper practice	Practicing IGCSE Business past-year papers helps students gain a deeper understanding of business concepts, develop key exam skills, improve their ability to analyze and apply knowledge, and increase their confidence, ultimately leading to better exam performance.	Comprehensive knowledge, effective application of that knowledge to real-world scenarios, exceptional analytical skills, strong exam techniques, and the ability to evaluate and solve business problems thoughtfully.
How will th	is be assessed?	4GCSE Business past-year papers	
Economics	Past-paper practice	By practicing IGCSE Economics past-year papers, students gain in-depth knowledge of economic concepts and theories, enhanced analytical and problem-solving skills by applying theory to real-world situations, improved exam techniques, time management, and the ability to structure clear and concise answers.	Students have comprehensive knowledge of both micro and macroeconomic theories and concepts. They can apply theories to real-world scenarios, analysing and solving economic problems with insight. Provide well-reasoned, critical evaluations of economic policies and situations. Write clear, structured, and concise answers, using appropriate economic terminology and supporting arguments with evidence.
How will this be assessed?		IGCSE Economics past-year papers	
Travel & Tourism	All topics - revision	Students will have a firm knowledge of all of the key concepts and definitions learned across all five units of the syllabus. They will be	In Travel & Tourism, excellence means showing not only that you know the content but that you can apply,



able to apply their knowledge of these concepts to real world situations and scenarios. Students will also be able to demonstrate analytical thinking, explaining why and how things happen in a certain way. Additionally, students will be able to evaluate and make judgements about situations presented, and where appropriate make recommendations or suggestions for improvements.

Alongside the above skills and knowledge, students will practise answering exam-style questions so that they can cement their understanding of how to apply their knowledge and various skills in an exam setting.

explain, and evaluate real-world situations with confidence.

Students who will demonstrate excellence in this subject will: be confident with all the key terms, concepts, and definitions across the five units of the syllabus; understand how different sectors of the travel and tourism industry work together and how they are influenced by wider global and economic factors; be able to recall and explain concepts clearly, using accurate terminology; apply their knowledge to real-life scenarios — for example, using what you know about customer service, destinations, or marketing to explain why certain decisions are made in the industry; explain why and how things happen, and consider the impact on different stakeholders (e.g. tourists, companies, local communities); break down scenarios to identify key issues and relationships between factors; make wellreasoned judgements about situations or decisions in travel and tourism; where appropriate, suggest improvements or alternatives — and explain why your recommendation might work better; show you can weigh up different options, considering both benefits and drawbacks.

In terms of exam techniques, successful students will: practise answering exam-style questions regularly; learn how to plan answers, structure writing clearly, and manage time in the exam; understand and use command words (e.g. describe, explain, evaluate) to guide the depth and focus of answers.

How will t	this be assessed?	Ongoing formative assessments in class.	
Global Perspectives	Coursework and Past Papers	Focus on drafting clear, structured paragraphs for coursework using guiding questions and vocabulary lists.	Working independently on refining their coursework drafts. They should be able to focus on enhancing depth of argument, using varied sources and ensuring coherence.
How will t	his be assessed?	IGCSE Examination	
ICT	Past Year Questions Drill (Paper 1)	Students will develop a strong knowledge of core ICT concepts, including hardware, software, networks, cybersecurity, data handling, and the societal impact of technology. They will apply this knowledge to solve past exam questions, engaging in practical tasks such as working with spreadsheets, databases, and presentations. Through their understanding, students will identify patterns and key topics in past papers, enabling them to approach both theory and practical questions with clarity and accuracy, ensuring that their answers are well-informed and precise.	Demonstrating deep comprehension by providing well-structured, precise answers with relevant examples and practical skills applying critical thinking and effectively managing time during exams. Applying exam answering techniques
How will t	his be assessed?	IGCSE Examination	
Malay Language	Revision & Past Paper Practice	By revising past year papers, students will strengthen their ability to understand a variety of text types, answer comprehension questions accurately, write with proper grammar and structure, and use relevant vocabulary. They will also practice expressing opinions clearly in speaking and writing,	Excellence is shown when a student can answer questions confidently with detailed and relevant responses, use a wide range of vocabulary and sentence structures, and write clearly with good organisation. In speaking, excellent students respond fluently and express their ideas with confidence. They show awareness of

		manage time effectively, and apply exam	tone and audience in writing and can infer meaning in
		techniques across all four skills: reading,	reading and listening tasks.
		writing, listening, and speaking.	
How will this be	assessed?	IGCSE Examination	
Mandarin Mandarin Mandarin Mandarin Mandarin Mandarin Pap Rea Chi Lan pap	nese Second guage: Past year pers: Listening, ding and Writing nese Foreign guage: Past year pers: Listening, deing and Writing nese First guage: Past year pers: Reading and diting	Chinese Second Language: Students will gain knowledge of key vocabulary, grammar structures, and exam techniques. They will develop understanding of IGCSE question formats, marking criteria, and strategies for answering effectively. Key skills include improving listening accuracy, reading comprehension, structured writing, and fluent speaking. Through past paper practice, students will refine their time management, response structuring, and ability to express opinions clearly in Mandarin, ensuring they are well-prepared for all components of the exam. Chinese Foreign Language: Students will gain knowledge of essential vocabulary, sentence structures, and grammar rules. They will develop an understanding of IGCSE question formats and effective answering strategies. Key skills include improving listening to comprehension, reading for detail, structuring written responses, and speaking with clarity. Through past paper practice, students will enhance their ability to express opinions, respond to questions accurately, and manage their time effectively in the exam, ensuring	Chinese Second Language: Excellence will be demonstrated through accuracy, fluency, and confidence in all exam components. Students will show strong listening comprehension, quickly identifying key details. In reading, they will extract relevant information and infer meanings effectively. Writing will display clear structure, varied sentence patterns, and logical flow. Speaking responses will be coherent, natural, and well-developed, demonstrating good pronunciation and a wide vocabulary. High achievers will be able to justify opinions, compare ideas, and express themselves fluently with minimal hesitation. Chinese Foreign Language: Excellence will be demonstrated through clear, accurate, and fluent communication across all skills. Students will identify key information quickly in listening and reading tasks, write with logical structure and varied vocabulary, and speak confidently with good pronunciation and natural sentence flow. High achievers will be able to answer with depth, use appropriate connectors, and adapt their language to different contexts, showing strong command of grammar and a wide range of expressions. Chinese First Language: 学生能够熟练掌握各类文体的写作技巧,包括议论文、讨论文、描写文、记叙文

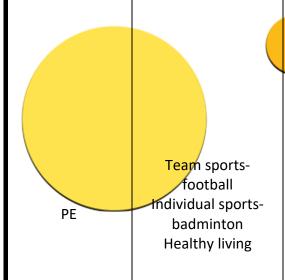
they can confidently handle all four language 等,能够清晰地表达观点,逻辑严密,结构紧凑。在 components. 文言文的练习中, 学生能够准确理解古文内容, 运用 合适的文言词汇与句式进行有效表达。在指导写作练 Chinese First Language: 学生将通过完成阅 习中, 学生能够独立完成高质量的写作任务, 展现出 读理解、议论文、讨论文、描写文与记叙 较强的语言组织能力与论证技巧。整体而言, 卓越表 文的写作练习, 提升学生的写作能力。同 现将体现为学生在各种写作形式中表现出创造性、批 时, 学生将进行文言文练习, 加强对古文 判性思维和流畅的语言表达。 的理解与应用能力。此外, 还将通过指导 <mark>写作</mark>练习,帮助学生提高文章结构、语言 表达及论证技巧。通过这些综合性的练 习, 学生将更加熟练地掌握各类文体的写 作技巧, 提升在不同写作任务中的表现, 为高年级的写作要求打下坚实基础。 How will this be assessed? Past year papers In preparation for IGCSE Art Components 1 Excellence in this task, aligned with IGCSE assessment and 2, we will gain the knowledge of how to criteria, will be seen in a highly detailed and accurate analyse and interpret natural textures through observational drawing that shows technical control and a close observation. We will explore a range of clear understanding of form and texture. The work will mark-making techniques such as hatching, feature at least three contrasting mark-making stippling, blending, and layering to show IGCSE Art Art & Design techniques used purposefully to represent natural Components 1 and 2 surface detail and texture. We will develop an surfaces. A strong and imaginative composition will understanding of how artists use line, tone, reflect considered visual research and development, and composition to communicate ideas potentially using layering or overlapping. Media will be visually, and how to apply this in our own handled with confidence, and tonal contrast will be used work using reference images. Our practical effectively to create depth, focus, and visual interest skills will include confidently controlling dry

media such as pencil, fine liner, graphite, and
charcoal, accurately applying tone and
texture, and creatively combining multiple
views or elements into a well-structured
composition.

demonstrating refinement, intention, and personal response.

How will this be assessed?

IGCSE Examination



Team sports- football

Students will develop fundamental football skills, including passing, shooting, dribbling, and attacking/defending. They will learn to pass with accuracy, shoot with power and precision, dribble with control under pressure, and apply tactical awareness in both offensive and defensive situations. These skills will enhance their coordination, teamwork, decision-making, and overall game performance.

Individual sports- badminton

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Students will develop essential badminton skills, focusing on movement and footwork, strategies and shuttle placement, serving, and using a variety of shots. They will learn how to move efficiently around the court, improving speed, balance, and reaction time. Strategic

Excellence in football is demonstrated through precise and well-timed passing that maintains possession and creates scoring opportunities. Players showcase powerful and accurate shooting, adjusting their technique based on distance and defensive pressure. Dribbling is controlled and confident, allowing players to maneuver past opponents with agility and composure. In both attacking and defending, they display strong tactical awareness, making intelligent runs, positioning effectively, and anticipating plays to contribute to their team's success.

Individual sports- badminton

Excellence in Badminton is demonstrated through precise movement and footwork, allowing players to reach the shuttle quickly and maintain balance for effective shot execution. Players showcase strategic awareness, placing the shuttle accurately to control rallies and outmaneuver opponents. Serving is consistent, varied, and tactically used to gain an advantage. A diverse range of shots, including clears, drops, smashes, and net play, is executed with accuracy and confidence, adapting to different game situations.

thinking will be emphasized, teaching students how to place the shuttle effectively to gain an advantage. Serving will focus on consistency, accuracy, and tactical application. Additionally, they will practice a variety of shots, including clears, drops, smashes, and net play, to develop a well-rounded skill set. These skills will enhance their agility, coordination, decision-making, and overall gameplay.

Healthy living

Students will develop essential life and athletic skills, focusing on teamwork, communication, decision-making, body movement/spatial awareness and health and activity. They will learn to collaborate effectively, support teammates, and maintain positive team dynamics. Strong communication skills will be developed through clear verbal and non-verbal cues. Decision-making will be refined as they assess situations quickly and make strategic choices. Through movement and spatial awareness, students will enhance coordination, positioning, and control in various sports settings. Positive behaviour will be emphasized, encouraging respect, responsibility, and leadership. Additionally, they will plan and engage in activities that promote health, well-being, and lifelong fitness.

Healthy living

Excellence in this sports unit is demonstrated through proactive teamwork, where students collaborate effectively, support one another, and contribute to a positive team environment. Communication is clear, precise, and includes both verbal and non-verbal cues to enhance coordination. Decision-making is quick and strategic, showing strong situational awareness and adaptability in gameplay. Body movement and spatial awareness are evident through efficient, well-coordinated movement and a keen understanding of positioning. Behaviour reflects respect, responsibility, and a positive influence on peers. Finally, students design and engage in health-focused activities, promoting an active lifestyle while inspiring others to stay fit and enjoy physical activity.

How will this be assessed?	Team sports- football match, individual sports- badminton match, healthy living- fun activities

