



LEARNING TRAILS AY 2025-26

GRADE: 9

TERM 3_WEEK 1 (March 23rd -27th March 2026)

ENGLISH	MATHEMATICS
<p>Topics: Reading Comprehension – GL model Writing: Review Writing GL Based Practice:</p> <ol style="list-style-type: none"> 1. Subject Verb Agreement 2. Punctuation 3. Spelling Errors <p>Learning Objectives:</p> <ul style="list-style-type: none"> • Analyze a GL-style reading passage to interpret key ideas and evaluate supporting details to justify answers. • To evaluate a product, service, or experience and justify their opinions using clear reasoning and appropriate language. • Examine and apply subject–verb agreement rules to construct grammatically accurate sentences in GL-style tasks. <p>Resources needed:</p> <ul style="list-style-type: none"> • Past papers or practice questions • Pens, highlighters, and notebooks • Timer or stopwatch • Whiteboard and markers <p>Homework/Assignments:</p> <ul style="list-style-type: none"> • GL Practice Paper • Grammar Practice Paper 	<p>Topics: Geometry Learning Objectives: Circle theorems (Apply circle theorems, such as the fact that tangents from an external point are equal in length).</p> <p>Resources needed: https://pastpapers.co/cie/?dir.IGCSE%2FMathematics-0580</p> <p>Homework/Assignments:</p> <p>Solve 5 even number questions from textbook</p> <ul style="list-style-type: none"> • Weekly Test (Every THURSDAY) • Question of the day (Monday to Thursday 4:00pm to 11:59 pm)



ADVANCED ARABIC	GENERAL ARABIC
<p>Topics: جمهورية أندونيسيا</p> <p>Learning Objectives: أن يحدد المتعلم الفكر الرئيسة للنص، مقبما دقة الأدلة وصحتها وأسلوب الجمل وفاعليته في النص أن يقيم المتعلم مدى كفاية الأساليب ودقتها</p> <p>Resources needed: الكتاب المدرسي - العرض التقديمي - مقاطع فيديو</p> <p>Homework/Assignments: أن يكتب المتعلم تقريراً مبسطاً عن جمهورية أندونيسيا من حيث: الموقع الجغرافي - المناخ - الموارد الطبيعية - السكان</p>	<p>Topics: حكايات كروية ملهمة</p> <p>Learning Objectives: <u>أن يستمع إلى النص جيداً</u> <u>أن يفسر معاني المفردات الجديدة</u> <u>أن يحدد الفكرة الرئيسة والفكر الفرعية للنص</u> <u>أن يستنتج أهم المعلومات الواردة في النص</u></p> <p>Resources needed: <u>الكتاب المدرسي - العرض التقديمي - السبورة الذكية</u></p> <p>Homework/Assignments: كتابة فقرة عن أشهر لاعبي كرة القدم</p>
PHYSICS	BIOLOGY
<p>Topics: 3.2 Light 3.2.1 Reflection of Light</p> <p>Learning Objectives:</p> <ul style="list-style-type: none">Describe the formation of an optical image by a plane mirror, and give its characteristics ,i.e. same size, same distance from mirror, virtual.Use simple constructions, measurements and calculations for reflection by plane mirror <p>Resources needed: Geometry box, Graph paper, Simulation, Ppt</p> <p>Homework/Assignments: Refer to workbook and worksheet</p>	<p>Topics:</p> <ul style="list-style-type: none">Transport in animals [Circulatory systems] <p>Learning Objectives:</p> <ul style="list-style-type: none">Describe the circulatory systemDescribe the single circulation of a fishDescribe the double circulation of a mammalExplain the advantages of a double circulationIdentify in diagrams and images the structures of the mammalian heartState that blood is pumped away from the heart in arteries and returns to the heart in veins <p>Resources needed:</p> <ul style="list-style-type: none">Smart boardLaptopTextbookWorkbookActivity sheet <p>Homework/Assignments:</p> <ul style="list-style-type: none">Practice topical past papers



CHEMISTRY	ENVIRONMENTAL MANAGEMENT
<p>Topics: 12. Experimental techniques and chemical analysis 12.1 Experimental design</p> <p>Learning Objectives: Name appropriate apparatus for the</p> <ol style="list-style-type: none">1. measurement of time, temperature, mass and volume, including:<ol style="list-style-type: none">(a) stop-watches(b) thermometers(c) balances(d) burettes(e) volumetric pipettes(f) measuring cylinders(g) gas syringes2. Suggest advantages and disadvantages of experimental methods and apparatus3. Describe a:<ol style="list-style-type: none">(a) solvent as a substance that dissolves a solute(b) solute as a substance that is dissolved in a solvent(c) solution as a mixture of one or more solutes dissolved in a solvent(d) saturated solution as a solution containing the maximum concentration of a solute dissolved in the solvent at a specified temperature(e) residue as a substance that remains after evaporation, distillation, filtration or any similar process(f) filtrate as a liquid or solution that has passed through a filter <p>Resources needed:</p>	<p>Topics: Managing natural hazards</p> <p>Learning Objectives: describe the structure of the Earth describe and explain the distribution and causes of earthquakes and volcanoes</p> <p>Resources needed: PPT, Assignments</p> <p>Homework/Assignments: Choose a real earthquake (e.g., Nepal 2015, Japan 2011). Write a short report</p>



<p>Save my exam, Past papers questions</p> <p><u>Homework/Assignments:</u> Assignment,</p> <p>Task 1: Research on Laboratory Apparatus</p> <p>Research and explain the use of the following apparatus used in chemistry laboratories. Include their purpose, accuracy, and where they are commonly used in experiments.</p> <p>Stop-watch, Thermometer, Burette, Measuring cylinder, Gas syringe, Volumetric pipette.</p>	
<p>ISLAMIYAT</p>	<p>ISLAMIC STUDIES</p>
<p><u>Topics:</u> <u>Past-Papers</u> <u>Learning Objectives:</u></p> <ul style="list-style-type: none"> • Students will analyze and answer questions from the 2022 Islamic Studies past paper to improve exam skills. • Students will review key Islamic concepts and themes previously studied and apply them in exam-style questions. • Students will develop time management and critical thinking skills when responding to structured exam questions. <p><u>Resources needed:</u></p> <ul style="list-style-type: none"> • Printed Grade 9 Islamic Studies Past Paper 2022 • Whiteboard / Smartboard for explanation of answers • Student notebooks and pens for writing responses 	<p><u>Topics:</u> Surah Al-Waqi’ah (57–74) <u>Learning Objectives:</u></p> <ol style="list-style-type: none"> 1. Explain the main message of Surah Al-Waqi’ah (57–74) about Allah’s power in creation and resurrection. 2. Analyze the examples given in the verses (creation of humans, crops, water, and fire) as signs of Allah’s ability and blessings. 3. Reflect on the importance of gratitude to Allah and avoiding denial of His blessings. <p><u>Resources needed:</u></p> <ul style="list-style-type: none"> • Qur’an copies (Arabic with translation). • Presentation slides / PPT explaining the verses and key vocabulary. • Whiteboard and markers for explanation and discussion.



<ul style="list-style-type: none">• Answer key / marking scheme for teacher feedback• Homework/Assignments: Students will complete two additional questions from the 2022 past paper at home and write their answers in their notebooks.• Students will review incorrect answers discussed in class and rewrite the correct responses with explanation.	<ul style="list-style-type: none">• Short video or visual images showing the natural signs mentioned in the verses (plants, rain, fire). <p>Homework/Assignments:</p> <ul style="list-style-type: none">• Reflection task: Write 5–6 sentences explaining one sign of Allah mentioned in the verses and how it shows His power.• Memorization task: Memorize Surah Al-Waqi'ah verses 57–60 and practice correct recitation (Tajweed).
<p style="text-align: center;">URDU</p>	<p style="text-align: center;">PAKISTAN STUDIES</p>
<p>Topics: <u>یاسٹ پیپرز کی مشق</u></p> <p>Learning Objectives:</p> <ul style="list-style-type: none">• سابقہ سال کے پرچوں کا اعادہ کرنا <p>Resources needed:</p> <ul style="list-style-type: none">• درکار وسائل:• اسمارٹ بورڈ ، وائٹ بورڈ ، لیپ ٹاپ ، نوٹ بک ، سرگرمی شیٹس ، درسی کتابیں <p>Homework/Assignments:</p> <ul style="list-style-type: none">• <u>جماعت میں دئے گئے صفحات کی مشق حل کرنا</u>	<p>Topics: Constitution of Pakistan (1973)</p> <p>Learning Objectives:</p> <ul style="list-style-type: none">• Explore the political circumstances that led to the creation of the Constitution of Pakistan (1973).• Analyze the major constitutional features shaping governance in Pakistan.• Assess how the constitution balances democratic principles with Islamic provisions.• Evaluate the significance of the 1973 constitution in strengthening Pakistan's political framework. <p>Resources needed:</p> <ul style="list-style-type: none">• Pakistan Studies textbook• Extracts from the Constitution of Pakistan (1973)



	<ul style="list-style-type: none"> • PowerPoint slides outlining key constitutional features • Chart or diagram showing the structure of Pakistan’s government <p><u>Homework/Assignments:</u></p> <ul style="list-style-type: none"> • Students prepare a short summary of the key features of the Constitution of Pakistan (1973). • Write a brief paragraph analyzing why the 1973 Constitution is considered an important milestone in Pakistan’s political development.
ICT	TRAVEL AND TOURISM
<p><u>Topics:</u> Unit 17: Document Production Unit 6 – 6.1: Communication Applications</p> <p><u>Learning Objectives:</u></p> <ul style="list-style-type: none"> - Analyze the purpose of corporate house style and document production features used in word processing. - Evaluate the advantages and disadvantages of different communication applications used by organizations. <p><u>Resources needed:</u> Notebook, Smart board, Tablet, Past Paper Questions</p> <p><u>Homework/Assignments:</u> Find one example of a communication application such as a <i>poster, flyer, brochure, newsletter, or advertisement</i> from a magazine, newspaper, or the internet.</p> <ul style="list-style-type: none"> - Paste a picture of it in your notebook. 	<p><u>Topics:</u> Destination Marketing</p> <p><u>Learning Objectives:</u></p> <ul style="list-style-type: none"> •explain the importance of marketing and promotion in travel and tourism •understand the factors affecting marketing <p><u>Resources needed:</u> <u>Textbook</u>, topical case studies</p> <p><u>Homework/Assignments:</u> Practice past papers</p>



<p>- Write down the name of the application and its purpose.</p>	
ACCOUNTING	BUSINESS STUDIES
<p>Topics: Manufacturing Account</p> <p>Learning Objectives: To formulate Income statement of manufacturing business to calculate profit/loss</p> <p>Resources needed: Formats Task sheet Topical questions</p> <p>Homework/Assignments: Topical questions</p>	<p>Topics: Organisation and Management</p> <p>Learning Objectives:</p> <ul style="list-style-type: none"> • understand the main functional areas of a business • interpret simple organization charts • Explain the different methods of working, including the difference between full-time and part-time employees • Analyze the functions of management • Analyze the importance of delegation <p>Resources needed: Textbook, topical case studies</p> <p>Homework/Assignments: Practice topical past papers</p>
ECONOMICS	MORAL, SOCIAL AND CULTURAL STUDIES
<p>Topics: Firms</p> <p>Learning Objectives: To analyse the advantages and disadvantages of small and large firms To analyse the merits and demerits of horizontal merger To discuss the merits and demerits of vertical and conglomerate mergers To analyse and explain the economies of scale and diseconomies with the help of diagrams diseconomies of scale.</p> <p>Resources needed: Textbook, PPT, task sheet</p>	<p>Topics: The Transition of the UAE to a Knowledge Economy</p> <p>Learning Objectives: Students begin by understanding how the United Arab Emirates has transitioned from an oil-based economy to a knowledge-based economy, focusing on the role of education, innovation, technology, and government initiatives in supporting economic development.</p> <p>Resources Needed: PPTs, textbook, notebook, smartboard, short video clips, and white chart paper.</p> <p>Homework/Assignments: Complete the task sheet on the key initiatives and</p>



Homework/Assignments: Topical questions	sectors supporting the UAE's knowledge economy and write a short paragraph on how education contributes to a knowledge-based economy.
UAE ARABIC	ISLAMIC ARABIC
Topics: إدارة الموارد والأنشطة الاقتصادية في الوطن العربي الموارد والأنشطة الاقتصادية التقليدية Learning Objectives: يناقش توزيع الموارد والأنشطة الاقتصادية في الوطن العربي Resources needed: الكتاب المدرسي العرض التقديمي فيديوهات تعليمية Homework/Assignments: بحث في أهم الموارد والأنشطة الاقتصادية في الوطن العربي	Topics: (سورة الواقعة (57-74) Learning Objectives: <ol style="list-style-type: none">1. أن يتلو الطالب الآيات تلاوةً صحيحةً مع مراعاة أحكام التجويد.2. أن يفسر الطالب معاني المفردات الواردة في الآيات.3. أن يستنتج الطالب مظاهر قدرة الله تعالى في الكون وأهمية شكر نعمه.4. Resources needed: <ul style="list-style-type: none">• الكتاب المدرسي• القرآن الكريم• العرض التقديمي للدرس• الشبكة العنكبوتية• أوراق عمل Homework/Assignments: <ul style="list-style-type: none">• حفظ الآيات الكريمة• مراجعة العرض التقديمي للدرس• حل أنشطة الكتاب المدرسي
ART AND DESIGN	
Topics: Pencil Drawing and Shading Learning Objectives: <ul style="list-style-type: none">• Understand the basics of pencil drawing.• Identify different pencil shading techniques.• Practice drawing simple objects using lines and shading.• Develop observation and drawing skills.	



Resources needed:

- Drawing sheet (A4 or A3)
- Pencils (HB, 2B, 4B)
- Eraser
- Sharpener
- Reference picture (simple objects like fruit or a cup)

Homework/Assignments: