



LEARNING TRAILS AY 2025-26

GRADE: 9

TERM 3_WEEK 3 (April 6th – 10th April 2026)

ENGLISH	MATHEMATICS
<p>Topics: Reading Comprehension – GL model passage Speaking – IGCSE Cambridge model Grammar: Quantifiers Writing: Review Writing GL Based Practice: 1. Subject Verb Agreement 2. Punctuation 3. Spelling Errors Learning Objectives: <ul style="list-style-type: none"> Analyze a GL-style reading passage to interpret key ideas and evaluate supporting details to justify answers. To express and justify opinions clearly using appropriate vocabulary, accurate grammar, and coherent spoken structure in a short discussion. To use quantifiers (e.g., some, any, much, many, few, little) accurately in spoken and written sentences. Examine and apply subject–verb agreement rules to construct grammatically accurate sentences in GL-style tasks. Resources needed: <ul style="list-style-type: none"> Past papers or practice questions Pens, highlighters, and notebooks Timer or stopwatch Whiteboard and markers Homework/Assignments: <ul style="list-style-type: none"> GL Practice Paper Grammar Practice Paper </p>	<p>Topics: Differentiation Learning Objectives: Understand the concept of a derivative function. <ul style="list-style-type: none"> Apply differentiation rules to functions of the form ax^n. Calculate derivatives of simple functions using differentiation rules. Use derivatives to find the gradients and turning points of functions. Determine the nature of the turning points. Resources needed: https://pastpapers.co/cie/?dir=IGCSE%2FMathematics-0580 Homework/Assignments: <ul style="list-style-type: none"> Solve 5 even number questions from textbook Weekly Test (Every THURSDAY) Question of the day (Monday to Thursday 4:00pm to 11:59 pm) </p>



ADVANCED ARABIC	GENERAL ARABIC
<p>Topics: رواية الأمير الصغير</p> <p>Learning Objectives: أن يحدد المتعلم عناصر الرواية. أن يحلل المتعلم عناصر الرواية وخيارات المؤلف في اختيار الكلمات والأساليب الأدبية المناسبة للنص. أن يلخص المتعلم الفصول التي قرأها بطريقة إبداعية.</p> <p>Resources needed: الكتاب المدرسي - الدفتر - العرض التقديمي - مقاطع فيديو</p> <p>Homework/Assignments: (إنجاز المهمة في منصة نهلة وناهل (قراءة القصة وحل التمرينات</p>	<p>Topics: (في حب الساحرة المستديرة) استماع</p> <p>Learning Objectives:</p> <ul style="list-style-type: none">• أن يستمع المتعلم إلى نص عن كرة القدم باهتمام وتركيز.• أن يحدد الفكرة العامة للنص المسموع.• أن يتعرف المفردات الأساسية المرتبطة بكرة القدم (مباراة، فريق، هدف، لاعب...).• أن يجيب عن أسئلة شفوية بسيطة بعد الاستماع للنص.• أن يعبر شفهيًا عن رأيه في كرة القدم أو فريقه المفضل بجمل واضحة وبسيطة. <p>Resources needed: الكتاب المدرسي - العرض التقديمي - أنشطة تعليمية</p> <p>Homework/Assignments: حل أسئلة الكتاب المدرسي-حل أوراق العمل</p>
PHYSICS	BIOLOGY
<p>Topics: Refraction of light</p> <p>Learning Objectives: Describe internal reflection and total internal reflection using both experimental and everyday examples Describe the use of optical fibres, particularly in telecommunications</p> <p>Resources needed: Notebook, textbook, geometry box</p> <p>Homework/Assignments: Refer to workbook and worksheet</p>	<p>Topics: Transport in human</p> <p>Learning Objectives: Explain how the structure of arteries and veins is related to the pressure of the blood that they transport Identify, in diagrams and images, the main blood vessels to and from the liver as: hepatic artery, hepatic veins and hepatic portal vein List the components of blood as: red blood cells, white blood cells, platelets and plasm Identify red and white blood cells i State the functions of: (a) lymphocytes – antibody production (b) phagocytes – engulfing pathogens by phagocytosis Describe the process of clotting as the conversion of fibrinogen to fibrin to form a mesh State the functions of the following components of blood</p> <p>Resources needed: Teams, online learning and assessment tools, videos</p> <p>Homework/Assignments:</p>



	Recall the topics learnt
CHEMISTRY	ENVIRONMENTAL MANAGEMENT
<p>Topics: Extraction of Metals: Metals, Ores and the Reactivity Series</p> <p>Learning Objectives: To explain how the method of extraction of a metal depends on its position in the reactivity series and identify appropriate extraction methods for different metals and their ores.</p> <p>Resources needed: 0620 Chemistry Textbook, School Workbook, MS Forms Quiz, Past Paper Questions (IGCSE 0620), PowerPoint</p> <p>Homework/Assignments: Complete exercises on identifying ores and matching metals with extraction methods Past Paper Practice: Solve 2–3 structured questions on extraction of metals from previous IGCSE 0620 papers</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, assignment.</p> <p>Homework/Assignments: Research on Ring of Fire</p>
ISLAMIYAT	ISLAMIC STUDIES
<p>Topics: Past Papers 2023 (Code 2058)</p> <p>Learning Objectives:</p> <ul style="list-style-type: none"> Students will be able to analyze past paper questions (2023) and identify question patterns. Students will be able to recall key Islamic concepts (Qur'an, Hadith, History) required for answers. Students will be able to apply answering techniques (structured responses, keywords, and time management). 	<p>Topics: There Should Be Neither Harming nor Reciprocating Harm</p> <p>Learning Objectives:</p> <ul style="list-style-type: none"> Students will be able to define the meaning of the Hadith <i>“There should be neither harming nor reciprocating harm.”</i> Students will be able to identify situations where harm should be avoided in daily life. Students will be able to explain the importance of preventing harm in Islam. Students will be able to apply the concept in real-life situations (school, home, society). <p>Resources needed:</p> <ul style="list-style-type: none"> Textbook (digital or printed)



<ul style="list-style-type: none">Students will be able to evaluate answers using marking schemes to improve accuracy. <p>Resources needed:</p> <ul style="list-style-type: none">Past Papers 2023 (Code 2058) – printed or digital copiesMarking schemes / examiner reportsWhiteboard / PowerPoint for explanationOnline platform (MS Teams / Google Forms) for practiceHomework/Assignments: Solve one full past paper question from 2023 (timed practice).Review answers using the marking scheme and correct mistakes.	<ul style="list-style-type: none">PowerPoint presentationShort educational video related to kindness and avoiding harmWhiteboard and markers / interactive platform (Microsoft Teams) <p>Homework/Assignments: Write 4–5 sentences explaining how you can avoid harming others in your daily life. Complete related exercises from the textbook.</p>
<p style="text-align: center;">URDU</p>	<p style="text-align: center;">PAKISTAN STUDIES</p>
<p>Topics: نوٹس بنانا۔ پاسٹ پیپر ۱</p> <p>Learning Objectives:</p> <ul style="list-style-type: none">عبارت پڑھ کر خیالات اور آرا کو سمجھنادی گئی سرخیوں کی مدد سے نوٹس تیار کرنا۔ <p>Resources needed: سمارٹ بورڈ، ہائی لائٹرز، لیپ ٹاپ، پروجیکٹر، اور نوٹ بک۔ کتاب ۱۔</p> <p>Homework/Assignments: سے ۲۰۲۵ تک کے پاسٹ پیپر حل کریں اور چیک ۲۰۲۳ کروائیں</p>	<p>Topic: Downfall of Zulfiqar Ali Bhutto and His Legacy</p> <p>Learning Objectives:</p> <ul style="list-style-type: none">Critically examine the political factors leading to Bhutto’s downfallAnalyze the role of opposition movements and military interventionEvaluate the impact of his policies on Pakistan’s political and social structureAssess Bhutto’s legacy in shaping modern Pakistan <p>Resources Needed:</p> <ul style="list-style-type: none">Textbook / PPT slidesTimeline of events (1971–1979)Documentary clips on Bhutto’s rule and trialWhiteboard and markers



	<p>Homework/Assignments:</p> <ul style="list-style-type: none"> • Write a short analytical paragraph on the causes of Bhutto’s downfall • Create a timeline from 1977 to 1979 highlighting key events • Evaluate Bhutto’s legacy—was he more beneficial or controversial for Pakistan? Justify your answer
ICT	TRAVEL AND TOURISM
<p>Topics: 6.3: Computer Controlled Systems 17: Document Production</p> <p>Learning Objectives:</p> <ul style="list-style-type: none"> - Evaluate the advantages and disadvantages of using robots in manufacturing. - Analyze the role of robots in an automated production line. - Format a document into columns of equal width with a specific spacing between them. <p>Resources needed: PowerPoint Presentation, MS Forms, Ahaslides, Notebook, MS Word</p> <p>Homework/Assignments:</p> <p>Complete and submit the assignments in MS Teams for Chapter 6.1, ICT Lab Week 1 and ICT Lab Week 2</p>	<p>Topics: Marketing- Product Life cycle</p> <p>Learning Objectives: To analyze the importance of PLC while deciding Marketing mix</p> <p>Resources needed: E book, topical case studies</p> <p>Homework/Assignments: Practice end of chapter case studies</p>
ACCOUNTING	BUSINESS STUDIES
<p>Topics: Bank Reconciliation Statement</p> <p>Learning Objectives:</p>	<p>Topics: Organisation and management- Leadership styles Trade unions</p> <p>Learning Objectives:</p>



<p>To update cash book and to formulate a bank reconciliation statement</p> <p>Resources needed:</p> <p>Text book Topical questions Kahoot</p> <p>Homework/Assignments:</p> <p>Topical questions</p>	<ul style="list-style-type: none">• explain the advantages and disadvantages of the main leadership styles• recommend a suitable leadership style in each situation <p>Resources needed:</p> <p>Quizlet, E book, Topical past papers</p> <p>Homework/Assignments:</p> <p>Practice end of chapter questions</p>
ECONOMICS	MORAL, SOCIAL AND CULTURAL STUDIES
<p>Topics:</p> <p>Firms and production and firms costs , revenues and objectives</p> <p>Learning Objectives:</p> <p>To explain the influences on production and productivity</p> <p>To analyse the effects of changes in investment on productivity</p> <p>To calculate the costs of production</p> <p>Resources needed:</p> <p>PPTs, textbook, whiteboard, video, task sheet</p> <p>Homework/Assignments:</p> <p>Topical questions</p>	<p>Topics: 21st Century Infrastructure and Smart Initiatives</p> <p>Learning Objectives:</p> <p>Students begin by understanding the concept of modern infrastructure and smart initiatives, including smart cities, sustainable development, digital technologies, and how these innovations improve quality of life and economic growth.</p> <p>Resources Needed:</p> <p>PPTs, textbook, notebook, smartboard, short video clips, and white chart paper.</p> <p>Homework/Assignments:</p> <p>Complete the task sheet on smart infrastructure and initiatives and write a short note on any one smart city project.</p>
UAE ARABIC	ISLAMIC ARABIC
<p>Topics:</p> <p>إدارة الموارد والأنشطة الاقتصادية في الوطن العربي الامن المائي و الغذائي في الوطن العربي</p> <p>Learning Objectives:</p> <p>يستخلص العلاقة بين الأمن المائي و الغذائي و العوامل المؤثرة فيها</p>	<p>Topics:</p> <p>أحكام الرءاء</p> <p>Learning Objectives:</p> <ul style="list-style-type: none">• أن يعرّف الطالب أحكام الرءاء تعريفًا صحيحًا.• أن يميز الطالب بين حالات التفخيم والترقيق.



Resources needed:

الكتاب المدرسي
العرض التقديمي
أنشطة تفاعلية

Homework/Assignments:

بحث في مشكلة الامن المائي في الدول العربية

- أن يطبق الطالب أحكام الرء أثناء التلاوة عبر الحصة الافتراضية.
- أن يستخرج الطالب أمثلة من الآيات ويحدد حكم الرء فيها.

Resources needed:

- (الكتاب المدرسي (نسخة إلكترونية
- المصحف الإلكتروني
- (PowerPoint) عرض تقديمي
- (Microsoft Teams / Zoom) منصة التعلم
- تسجيلات صوتية لتلاوات صحيحة
- (Kahoot / Quizizz / Google Forms) أنشطة تفاعلية

Homework/Assignments:

- حل نشاط إلكتروني يحدد حكم الرء في كلمات معطاة.
- تسجيل تلاوة صوتية لآيات محددة مع تطبيق الحكم
- مراجعة العرض التقديمي للدرس
- حل أنشطة الكتاب المدرس

ART AND DESIGN

Topics: Aluminum Wrapper Artwork (Texture Art)

Learning Objectives:

- Create a simple design using aluminum foil
- Explore texture through embossing techniques
- Use tools safely to add patterns and details
- Develop creativity using recycled materials

Resources needed:

- Aluminum foil / chocolate wrappers
- Cardboard base (A4 size)
- Pencils
- Cotton buds / blunt sticks / toothpicks
- Glue
- Black acrylic paint / poster color
- Tissue or cloth (for wiping paint)

Homework/Assignments: