



## LEARNING TRAILS AY 2024-25

GRADE: 9

TERM 1\_WEEK 12 ( 11<sup>th</sup>November to 15<sup>th</sup> November 2024)

### GL Practice Test Schedule

Subject -English ( Sunday - 10/11/24 , Timing – 5 to 9 pm )

ENGLISH	MATHEMATICS
<p><b><u>Topics:</u></b> The position of adjectives Punctuation The first conditionals</p> <p><b><u>Learning Objectives:</u></b> Position the adjectives properly Punctuate properly</p> <p><b><u>Resources needed:</u></b> Ppt Workbook worksheet</p> <p><b><u>Homework/Assignments:</u></b> Worksheet on position of adjectives</p>	<p><b><u>Topics:</u></b> Algebra-1</p> <p><b><u>Learning Objectives:</u></b> Solve simultaneous linear equations in two unknowns.</p> <ul style="list-style-type: none"> <li>• Derive and solve simple linear equations in two unknowns.</li> <li>• Solve quadratic equations by factorisation, completing the square and by using the Quadratic formula.</li> <li>• Solve simultaneous equations, involving one linear and one quadratic.</li> </ul> <p><b><u>Resources needed:</u></b> <a href="https://pastpapers.co/cie/?dir=IGCSE%2FMathematics-0580">https://pastpapers.co/cie/?dir=IGCSE%2FMathematics-0580</a></p> <p><b><u>Homework/Assignments:</u></b></p> <ul style="list-style-type: none"> <li>• Solve 5 even number questions from textbook</li> <li>• Weekly Test (Every MONDAY)</li> <li>• Question of the day (Monday to Thursday 6:00pm to 11:59 pm)</li> </ul>



ADVANCED ARABIC	GENERAL ARABIC
<p><b>Topics:</b> قصة المناورة</p> <p><b>Learning Objectives:</b> أن يتعرف المتعلم المفارقة في النص القصصي</p> <p><b>Resources needed:</b> الكتاب المدرسي- الدفتر المدرسي - العرض التقديمي - السبورة الذكية</p> <p><b>Homework/Assignments:</b> حل تمرينات الدرس ص71-73</p>	<p><b>Topics:</b> (تابع يوميات ) كافكا</p> <p><b>Learning Objectives:</b></p> <ul style="list-style-type: none"><li>• فهم السياق التاريخي والشخصي الذي كتب فيه كافكا يومياته</li><li>• التعرف على أسلوب كافكا في التعبير عن ذاته وأفكاره</li><li>• تحليل بعض النصوص القصيرة من يومياته واستنتاج المعاني والأفكار الرئيسية</li><li>• تشجيع الطلاب على التفكير النقدي والتعبير عن آرائهم حول القضايا الفلسفية التي يعرضها كافكا</li></ul> <p><b>Resources needed:</b> الكتاب - الانترنت - العرض التقديمي</p> <p><b>Homework/Assignments:</b> أكتب فقرة عن كاتبك المفضل</p>
PHYSICS	BIOLOGY
<p><b>Topics:</b> Energy, work</p> <p><b>Learning Objectives:</b></p> <ul style="list-style-type: none"><li>• Apply principle of conservation of energy to simple examples including the interpretation of simple flow diagrams</li><li>• Recall and use the equation for mechanical working <math>W = Fd = \Delta E</math></li></ul> <p><b>Resources needed:</b> Video, PPT, worksheets</p> <p><b>Homework/Assignments:</b> Solving worksheets and past papers</p>	<p><b>Topics:</b></p> <ul style="list-style-type: none"><li>• Active transport &amp; biological molecules</li></ul> <p><b>Learning Objectives:</b></p> <ul style="list-style-type: none"><li>• Describe active transport.</li><li>• Explain the importance of active transport</li><li>• State that protein carriers move molecules or ions across a membrane during active transport</li><li>• List the chemical elements that make up:<ul style="list-style-type: none"><li>• carbohydrates, fats and proteins</li></ul></li><li>• State that large molecules are made from<ul style="list-style-type: none"><li>• smaller molecules</li></ul></li></ul> <p><b>Resources needed:</b></p> <ul style="list-style-type: none"><li>• Smart board</li><li>• Laptop</li><li>• Textbook</li><li>• Workbook</li></ul> <p><b>Homework/Assignments:</b></p> <ul style="list-style-type: none"><li>• Workbook topic related question</li><li>• Past paper practice -topic related</li></ul>



CHEMISTRY	ENVIRONMENTAL MANAGEMENT
<p><b>Topics:</b> The Periodic table</p> <p><b>Learning Objectives:</b> Describe the transition elements as metals that: (a) have high densities (b) have high melting points (c) form coloured compounds (d) often act as catalysts as elements and in compounds Describe transition elements as having ions with variable oxidation numbers, including iron(II) and iron(III) Describe the Group VIII noble gases as unreactive, monatomic gases and explain this in terms of electronic configuration</p> <p><b>Resources needed:</b> Video, PPT, workbook, textbook</p> <p><b>Homework/Assignments:</b> Daily Questions, Weekly Assignment, Past Paper Questions</p>	<p><b>Topics:</b> Energy demand</p> <p><b>Learning Objectives:</b></p> <ul style="list-style-type: none"> <li>• Explore how elements such as population growth, economic development, and technological advancements impact energy demand, and classify these factors into broader categories.</li> <li>• Explain how economic and social factors contribute to changes in energy demand across different regions.</li> <li>• Analyze the role of environmental concerns and government policies in shaping energy demand trends.</li> </ul> <p><b>Resources needed:</b> Case study, PPT, Past Paper</p> <p><b>Homework/Assignments:</b> Research about real-world examples of countries or cities where energy demand has shifted due to economic growth</p>
ISLAMIYAT	ISLAMIC STUDIES
<p><b>Topics:</b> History and Importance of the Quran</p> <p><b>Learning Objectives:</b></p> <ul style="list-style-type: none"> <li>• Describe how the Quran was revealed over 23 years to Prophet Muhammad (PBUH).</li> <li>• Recognize the significance of Angel Jibreel's (Gabriel) role in the revelation.</li> </ul> <p><b>Resources needed:</b></p> <ul style="list-style-type: none"> <li>• Islamic Studies textbook, focusing on the unit about the Quran's history.</li> <li>• Printed handouts or booklets on the compilation of the Quran.</li> </ul> <p><b>Homework/Assignments:</b> Students will write a one-page summary on one of the major events in the history of the Quran's</p>	<p><b>Topics:</b> The Permissible is (Halal Earning)</p> <p><b>Learning Objectives:</b></p> <p>Identify different sources of halal income and examples in various professions.</p> <p>Discuss the impact of choosing lawful means of earning on an individual's life and community.</p> <p><b>Resources needed:</b> <b>Qur'an Verses:</b> Related verses on halal earnings, ethics, and trustworthiness. <b>Hadith Collection:</b> Authentic Hadiths emphasizing the importance of halal earning and honesty in trade.</p> <p><b>Homework/Assignments:</b></p>



compilation (e.g., the collection under Caliph Abu Bakr or standardization under Caliph Uthman).	Assign students to prepare a role play where they act out a business situation, applying principles of halal earning and ethical practices. This will be presented in the next class.
<b>URDU</b>	<b>PAKISTAN STUDIES</b>
<p><b>Topics:</b> تلخیص نگاری جاری رہے گی</p> <p><b>Learning Objectives:</b> نادیدہ عبارت کو سمجھ کر مرکزی خیال کو مد نظر رکھتے ہوئے سرخیوں کی مدد سے خلاصہ لکھیں گے</p> <p><b>Resources needed:</b> پیپر- ۱ کتاب- ۱ مارکر پی پی- ٹی</p> <p><b>Homework/Assignments:</b> صفحہ: ۱۹۴-۲۵۸-۲۵۹-۱۳۳</p>	<p><b>Topics:</b> 1. Agricultural Development in Pakistan (Cont.) 2. Past Papers Test # 1 &amp; Group Discussion # 2</p> <p><b>Learning Objectives:</b> 1. Explore the characteristics and significance of small-scale subsistence and cash-crop farming in Pakistan. 2. Assess the impact of these farming practices on the economy and food security. 3. Analyze the diversity of agricultural products in Pakistan and discuss their contributions to local livelihoods and national exports 4. Test if the students have learnt the lesson</p> <p><b>Resources needed:</b> • PowerPoint presentation • Whiteboard and markers • PDF of Test #2 handouts • Maps of agricultural regions in Pakistan • Videos/visuals of farming practices</p> <p><b>Homework/Assignments:</b> Read assigned articles on subsistence farming in Pakistan and prepare to discuss key points after every lesson day.</p>
<b>ICT</b>	<b>TRAVEL AND TOURISM</b>
<p><b>Topics:</b> Chapter 3- Storage Devices Practical: database</p> <p><b>Learning Objectives:</b> Differentiate between different storage devices Design a Report using a report.</p> <p><b>Resources needed:</b> Text Book, Past Paper questions, Worksheets MS Access</p>	<p><b>Topics:</b> Customer care service and Tourism Industries</p> <p><b>Learning Objectives:</b> _To analyse the importance of customer care service in tourism industry. To solve case studies related to customer care services_</p> <p><b>Resources needed:</b> Text book Topical case studies_</p> <p><b>Homework/Assignments:</b></p>



<p><b><u>Homework/Assignments:</u></b></p> <p><b><u>Practice past paper june 2020 paper 2- task database</u></b></p>	<p>Solve the topical past paper questions</p>
<p><b>ACCOUNTING</b></p>	<p><b>BUSINESS STUDIES</b></p>
<p><b><u>Topics:</u></b> Petty Cash book</p> <p><b><u>Learning Objectives:</u></b></p> <p>To formulate petty cash book to analyse the petty expenses</p> <p><b><u>Resources needed:</u></b> Formats Text book Task Sheets</p> <p><b><u>Homework/Assignments:</u></b> Topical questions</p>	<p><b><u>Topics:</u></b> Growth / expansion of business</p> <p><b><u>Learning Objectives:</u></b> To identify the methods of expansion of business To analyze the reasons for aiming at business growth by many entrepreneurs. To evaluate the benefits and limitations of business growth</p> <p><b><u>Resources needed:</u></b> _Text book Topical case studies</p> <p><b><u>Homework/Assignments:</u></b> Solve topical Past papers</p>
<p><b>ECONOMICS</b></p>	<p><b>MORAL, SOCIAL AND CULTURAL STUDIES</b></p>
<p><b><u>Topics:</u></b> Price changes</p> <p><b><u>Learning Objectives:</u></b> To explain how changes in market conditions cause price changes To use demand and supply conditions to illustrate changes in the market conditions and the consequences of the equilibrium price and sales</p> <p><b><u>Resources needed:</u></b></p>	<p><b><u>Topics:</u></b> Ship building and Trade: Ed-Dur and Arabian Gulf</p> <p><b><u>Learning Objectives:</u></b> To analyze the role of Ed-Dur in ancient shipbuilding and trade, and its significance in Arabian Gulf maritime history.</p> <p><b><u>Resources needed:</u></b> PPTS Videos</p>



Text book PPT Topical questions <b><u>Homework/Assignments:</u></b> Four-part questions from the textbook	Textbook Activities <b><u>Homework/Assignments:</u></b> Research Ed-Dur's trade connections in the Arabian Gulf, describing its shipbuilding techniques and the goods traded in ancient times.
<b>UAE ARABIC</b>	<b>ISLAMIC ARABIC</b>
<b><u>Topics:</u></b> التكتلات الإقتصادية <b><u>Learning Objectives:</u></b> حل الأنشطة الكتاب المدرسي أنشطة صفية علي الدرس <b><u>Resources needed:</u></b> الكتاب المدرسي السيورة الذكية البوربوينت أنشطة صفية <b><u>Homework/Assignments:</u></b> <u>مراجعة الدرس و العرض التقديمي</u>	<b><u>Topics:</u></b> <u>تابع درس الحلال بين</u> <b><u>Learning Objectives:</u></b> <u>أن يتعرف الطالب على راوي الحديث</u> <u>أن يستنتج الطالب الهدايات الواردة في الحديث</u> <u>أن يبين الطالب أهمية تجنب الشبهات</u> <b><u>Resources needed:</u></b> الكتاب المدرسي السيورة الذكية البوربوينت أنشطة صفية <b><u>Homework/Assignments:</u></b> حفظ الحديث الشريف حل أنشطة الكتاب المدرسي مراجعة العرض التقديمي للدرس
<b>ART AND DESIGN</b>	
<b><u>Topics:</u></b> Body Silhouette -Kara Walker <b><u>Learning Objectives:</u></b> - Understand how silhouettes can represent movement and posture. - - Learn to draw walking figures using silhouette techniques. - - Explore composition and contrast to enhance the effect of motion in art. - - Refine drawing and shading skills to bring depth and narrative into silhouette artwork. <b><u>Resources needed:</u></b> <ul style="list-style-type: none"><li>- Drawing paper (white or light background)</li><li>- Pencils and erasers</li><li>- Black markers or charcoal</li><li>- Rulers (optional for guidelines)</li><li>- Reference images of walking figures (optional)</li></ul>	