



LEARNING TRAILS AY 2024-25

Grade: 8

TERM 2_WEEK 7 (17th February to 21st February 2025)

ENGLISH	MATHEMATICS
<p>Topics:</p> <ol style="list-style-type: none">1. Writing: Informal Email2. Cambridge Listening Practice (SB: 75)3. GL 11+ Spellings (Root Words) <p>Learning Objectives:</p> <ol style="list-style-type: none">1. Compose and evaluate an informal email to demonstrate effective use of tone and structure in personal communication.2. Students will evaluate spoken information for key details and synthesize responses that demonstrate critical engagement with the audio content.3. Analyze the meanings of root words and construct new words by applying morphological understanding. <p>Resources needed: Smart Board, laptop, markers, Student's book</p> <p>Homework/Assignments: UNSDG Goal 4 – report writing, British Council online exercises, Research on root words.</p>	<p>Topics:</p> <p>Volume of Prism Probability</p> <p>Learning Objectives:</p> <p>To Calculate the volume of the prism explain the concept of probability To find the Probability that an event does not happen To generate the Possibility space for two events To find the number of times an event is likely to happen</p> <p>Resources needed: Smart Board, laptop, markers, Student's book</p> <p>Homework/Assignments:</p> <p>QOD Weekly Test Weekly Assignment Daily Homework</p>
ADVANCED ARABIC	GENERAL ARABIC
<p>Topics: <u>جزم الفعل المضارع</u></p> <p>Learning Objectives: <u>أن يتعرف المتعلم أدوات جزم الفعل المضارع</u> <u>أن يميز المتعلم الفعل المضارع في حالة النصب وحالة الجزم</u> <u>أن يوظف أدوات جزم الفعل المضارع في جمل من إنشائه</u></p> <p>Resources needed: <u>الكتاب المدرسي - العرض التقديمي - أنشطة تعليمية</u></p> <p>Homework/Assignments:</p>	<p>Topics: <u>مصادر الطاقة</u></p> <p>Learning Objectives: <u>أن يتعرف الطالب المفردات الجديدة</u> <u>أن يحدد الطالب الفكرة الرئيسية والأفكار الفرعية</u> <u>أن يستخرج الطالب معلومات عن مدينة مصدر</u></p> <p>Resources needed:</p>



<p>حل أسئلة الكتاب المدرسي - كتابة موضوع تعبير</p>	<p><u>الكتاب المدرسي بوربوينت أنشطة تعليمية صفية</u></p> <p>Homework/Assignments: <u>أن يكتب الطالب تقريرًا عن إحدى الدول التي تستخدم الطاقة النظيفة</u></p>
PHYSICS	BIOLOGY
<p>Topics: Laws of reflection, Refraction</p> <p>Learning Objectives: Explain the relationship between the angle of incidence and the angle of reflection using diagrams and real-life examples. Apply the laws of reflection to predict the path of light when it reflects off various surfaces. Define refraction and explain how it occurs when light passes through different mediums. Describe the behavior of light when it enters a medium with a different optical density</p> <p>Resources needed: Glass slab, Pins, drawing board, Protractor, pencil https://www.youtube.com/watch?v=jQDRNb-E-cY</p> <p>Homework/Assignments: Research the application of refraction day to day life</p>	<p>Topics: • Photosynthesis</p> <p>Learning Objectives: • Describe the test for starch • How to collect gas during photosynthesis • Why do plants need water • Mineral salts and plant growth</p> <p>Resources needed: • Textbook • Power point Presentation • Internet resources • Smartboard • Laptop</p> <p>Homework/Assignments: • Topic related Worksheet • Topic related Internet research</p>



CHEMISTRY	FRENCH
<p>Topics:</p> <p>5. Periodic Table and Structure of atom 5.3 Alkali metals</p> <p>Learning Objectives:</p> <ul style="list-style-type: none">Identify and describe the trends in the properties of alkali metalsDescribe the physical properties of group 1 metals <p>Resources needed:</p> <p>Ppt, video, worksheet</p> <p>https://youtu.be/jl_JY7pqOM?si=MI3sBG1jFR9-gW8D</p> <p>https://youtu.be/dZGDUKQa_6g?si=aTDdDBUTZ5UcsfgQ</p> <p>Homework/Assignments:</p> <ul style="list-style-type: none">State the common physical properties of Group 1 metals.Describe the trend in melting and boiling points as you move down the group.Explain why Group 1 metals are soft compared to other metals.	<p>Topics:</p> <p>Unite 2: Bienvenue à Paris Lecon: Découvrir Paris Les lieux historique en France .</p> <p>Learning Objectives:</p> <ul style="list-style-type: none">Connaitre les noms de les lieux touristique de la france.Dire quel est la ville, pays ils aiment visiter.Décrire leur opinion sur les lieux. <p>Resources needed:</p> <ul style="list-style-type: none">https://www.youtube.com/watch?v=rW5J7O0GTz0Power PointAudio Power point intégréVideo Power point intégrée.Enseignement en direct. <p>Homework/Assignments:</p> <p>Le livre d'étudiant page 21. Traduisez cette passage:</p> <p>La France est un pays avec de nombreux lieux historiques. La Tour Eiffel est à Paris. Elle a été construite en 1889. C'est un symbole de la France.</p> <p>Le Château de Versailles est près de Paris. Il a été construit pour le roi Louis XIV. C'est un endroit très beau.</p> <p>Le Mont-Saint-Michel est une petite île avec une grande abbaye. Il est situé en Normandie. C'est un site très connu.</p>
ISLAMIC ARABIC	ISLAMIC STUDIES



Topics:

المد الفرعي

Learning Objectives:

أن يبين الطالب أقسام المد الفرعي بسبب السكون
أن يميز الطالب بين أقسام المد اللازم و أقسام المد العارض
أن يطبق الطالب أحكام النجويد أثناء التلاوة

Resources needed:

- القرآن الكريم
- الكتاب المدرسي
- العرض التقديمي
- الشبكة العنكبوتية
- السبورة الذكية

Homework/Assignments:

- مراجعة العرض التقديمي للدرس
- حل أنشطة الكتاب المدرسي

Topics: The Prohibition of Frightening a Person
(Hadith Sharif)

Learning Objectives:

- To read the Hadith Sharif correctly.
- To understand the meanings of the words in the Hadith.
- To derive the lessons and guidance from the Hadith Sharif.

Resources Needed:

- Textbook
- Presentation
- Internet resources
- Smartboard

Homework/Assignments:

- Memorize the Hadith Sharif.
- Complete textbook activities.
- Review the lesson presentation.

URDU

Topics:

مضمون نویسی

Learning Objectives:

- مخصوص عنوانات پر جا مع مضمون لکھنا
- معیاری الفاظ کا استعمال کرتے ہوئے دئے گئے موضوع پر مضمون لکھنا

Resources needed:

PAKISTAN STUDIES

Topics:

Trade in Pakistan

Learning Objectives:

Understand the concept of trade and its significance in Pakistan's economy.
Identify the different types of trade practiced in Pakistan, including domestic and international trade.



<p>• کتاب ۲۔ • پی پی ٹی • مارکر ڈیجیٹل بورڈ</p> <p>Homework/Assignments:</p> <ul style="list-style-type: none">• کلاس ٹیسٹ• ۱۴۵-۱۳۹ صفحات ۱۵۴• گوگل ٹرانسلیٹ	<p>Analyze the role of exports and imports in Pakistan's economic development</p> <p>Resources needed:</p> <ul style="list-style-type: none">• Textbook• Presentation• Internet resources• Smartboard <p>Homework/Assignments:</p> <p>Research and write a report on Pakistan's major trading partners and key export/import products</p>
ICT	HISTORY & GEOGRAPHY
<p>Topics: Types of malware</p> <p>Learning Objectives: Define different types of Malwares. Analyse how the different types of malwares effect your system</p> <p>Resources needed: PPT Videos Worksheet</p> <p>Homework/Assignments: Reasearch on recent malwares found that had adverse effect on society</p>	<p>Topics: Features of Physical or Mechanical Weathering</p> <p>Learning Objectives: identify and explain the key features of physical weathering, including processes like frost wedging, abrasion, and thermal expansion.</p> <p>Resources needed: PPTS Videos Worksheets</p> <p>Homework/Assignments: Describe three types of physical weathering with examples from real-life environments. Include how each process affects rocks over time.</p>
MORAL, SOCIAL AND CULTURAL STUDIES	UAE ARABIC
<p>Topics: Canadian Economy and its features</p> <p>Learning Objectives: To analyze the key features of Canada's economy, including natural resources, trade, industries, and government policies shaping economic growth.</p>	<p>Topics: الوحدة : افاق مستقبلية الدرس الاقتصاد الاخضر الاماراتي مفهوم الاقتصاد الاخضر و اهميته</p> <p>Learning Objectives: يتعرف المفاهيم و المصطلحات يوضح المبادرات التي قامت بها دولة الامارات في مجال التنمية</p>



Resources needed:

PPTS
Textbook Activities
Videos

Homework/Assignments:

Research and explain how Canada's natural resources contribute to its economy. Provide examples of key industries and their global impact.

يوضح خطوات تحقيق اقتصاد اخضر

Resources needed:

الكتاب المدرسي
العرض التقديمي
السيبورة الذكية
انشطة صفية

Homework/Assignments:

بحث حول البيئة و الاستدامة في دولة الامارات

ART

Topics: Bird Drawing

Learning Objectives:

Understand basic bird anatomy and proportions. Apply pencil shading techniques to create texture and depth. Demonstrate attention to detail in feathers, beak, and posture.

Resources needed:

Drawing Book Pencils (HB, 2B, 4B, 6B) Erasers Blending stumps (optional) Reference images of birds