



LEARNING TRAILS AY 2026-27

YEAR:10

TERM 1_WEEK 2(Sep 7th -11th , 2026)

ENGLISH	MATHEMATICS
Topics: Reading – IGCSE Cambridge model Listening - IGCSE Cambridge model Grammar - Gerunds, verbs & infinitives (GL Practice) Learning Objectives: - Analyze explicit and implicit information in an IGCSE Cambridge-style text. - To retrieve specific information and infer speaker meaning from a Cambridge IGCSE-style listening text. - To distinguish between gerunds, infinitives, and verb forms and select the grammatically appropriate form in GL-style questions. Resources needed: - Notebooks - Stationaries - Worksheets - PPTs Homework/Assignments: <i>Grammar practice worksheets</i>	Topics: Number 1 Learning Objectives: Identify and use natural numbers, integers (positive, negative and zero), prime numbers, square numbers, common factors and common multiples, rational and irrational numbers (e.g. π), real numbers. LCM and HCF - Calculate with squares, square roots, cubes and cube roots and other powers and roots of numbers. Resources needed: https://pastpapers.co/cie/?dir=IGCSE%2FMathematics-0580 https://pastpapers.co/cie/?dir=IGCSE%2FMathematics-0580 Homework/Assignments: - Solve 5 even number questions from textbook - Weekly Test (Every THURSDAY) - Question of the day (Monday to Thursday 4:00pm to 11:59 pm)



ADVANCED ARABIC	GENERAL ARABIC
Topics: حديث شريف لا تغضب Learning Objectives: أن يفسر المتعلم معاني المفردات أن يستنتج المتعلم الدروس المستفادة من الحديث الشريف أن يتحدث المتعلم عن أهمية ضبط النفس أن يكتب المتعلم فقرة عن أهمية التحلي بالأخلاق الحميدة Resources needed: كتاب الطالب- العرض التقديمي - منصة ألف - أوراق عمل Homework/Assignments: كتابة فقرة عن أهمية ضبط النفس ودورها في تماسك المجتمع.	Topics: <u>منزل الأحلام</u> Learning Objectives: <u>أن يتعرف الطالب المفردات الجديدة</u> <u>أن يذكر الطالب مواصفات منزل الأحلام</u> <u>أن يكتب الطالب فقرة عن منزل أحلامه</u> Resources needed: <u>الكتاب المدرسي بوربوينت دفتر الطالب</u> Homework/Assignments: <u>أن يكتب الطالب عن منزل الأحلام</u>
PHYSICS	BIOLOGY
Topics: 1.1 Use measurements for community projects (e.g., garden design, water conservation). Learning Objectives: - Describe the use of rulers and measuring cylinders to find a length or a volume - Determine an average value for a small distance and for a short interval of time by measuring multiplies (including period of oscillation of a pendulum) - Determine by calculation and graphically the result of two vectors at right angles limited to forces and velocities only Resources needed: Notebook, PPT Homework/Assignments: Refer to worksheets	Topics: 1.2. Concept and uses of classification systems Learning Objectives: - State how organisms can be classified and describe species. - Explain the binomial system of naming species and classification based on evolutionary relationship. Resources needed: Cambridge IGCSE Biology Textbook - Chapter 1, Section 1.2, page 7 Homework/Assignments: Create a classification chart in your notebook showing the hierarchy from kingdom to species using Figure 1.7 (textbook page 8) as your guide.



CHEMISTRY	ENVIRONMENTAL MANAGEMENT
Topics: Solids, Liquids and Gases Learning Objectives: - State the distinguishing properties of solids, liquids and gases. - Describe the structures of solids, liquids and gases in terms of particle separation, arrangement and motion. - Differentiate between melting, boiling, evaporating, freezing and condensing in terms of the particle changes involved Resources needed: Chemistry coursebook, particle diagram and heating curve, Smart board pp., past papers (IGCSE 0620, simple demonstration materials Homework/Assignments: Sketch a heating curve for a substance being heated from solid to gas, correctly labelling the points at which melting, boiling, evaporating, freezing and condensing.	Topics: Energy and the environment Learning Objectives: Classify the following energy resources as non-renewable or renewable: Fossil fuels, nuclear power, biofuels, geothermal power, hydro-electric power, tidal power, wave power, solar power, wind power Resources needed: PPT, Assignment sheet Homework/Assignments: Research on Energy demand of the UAE
ISLAMIC ARABIC	ISLAMIC STUDIES
Topics: (درس مع الله ورسوله وولي الأمر سورة الحجرات الآيات 1:10) Learning Objectives: أن يتلو الطالب الآيات تلاوة سليمة أن يطبق الطالب أحكام التجويد أثناء التلاوة أن يفسر الطالب معاني المفردات الواردة في الآيات Resources needed: - القرآن الكريم. - الكتاب المدرسي. - السبورة الذكية وجهاز العرض. - بطاقات تدريب على أحكام التجويد. - أوراق عمل للتدريب على التلاوة. Homework/Assignments: التدرب على تلاوة الآيات (11-1) في المنزل تلاوة صحيحة	Topic: With Allah, His Messenger, and Those in Authority – Surah Al-Hujurat (Verses 1–10) Learning Objectives By the end of the lesson, students will be able to: - Recite Surah Al-Hujurat (Verses 1–10) correctly and fluently. - Apply the rules of Tajweed accurately while reciting the verses. - Explain the meanings of the key vocabulary found in the verses.



حفظ الآيات الكريمة محل الدرس .	<u>Resources Needed</u> • The Holy Qur'an • Student Textbook • Interactive Whiteboard and Projector • Tajweed Rule Flashcards • Recitation Practice Worksheets <u>Homework / Assignments</u> • Practise reciting Surah Al-Hujurat (Verses 1–10) at home with correct pronunciation and Tajweed. • Memorize Surah Al-Hujurat (Verses 1–10) covered in today's lesson.
PAKISTAN STUDIES	ICT
<u>Topics:</u> Creation of Pakistan <u>Learning Objectives:</u> Crucial Years after the Creation of Pakistan 1947-48 (Border Disputes, Canal Water Disputes, Kashmir Issue, Division of Assets, Princely States Dilemma, Leadership of Quaid-e-Azam) <u>Resources needed:</u> PPT, Textbook <u>Homework/Assignments:</u> How did Quaid-e-Azam demonstrate leadership during this phase?	<u>Topics:</u> 1.1: Hardware and Software 18: Databases <u>Learning Objectives:</u> <u>Theory</u> - Compare and contrast Application software and System software. - Differentiate between analogue data and digital data <u>Practical: Database (MS Access)</u> • Import data from existing files (including .csv, .txt) using specified field names to create tables • Set appropriate data types to fields including text, numeric (integer, decimal, currency), date/time, Boolean/logical <u>Resources needed:</u> Lesson PPT, Notebooks, A4 sheets, Stationeries, Worksheets <u>Homework/Assignments:</u>



	Differentiate between hardware and software. Give two examples of each.
TRAVEL AND TOURISM	MORAL, SOCIAL AND CULTURAL STUDIES
<u>Topics:</u> 1.1 Main types of tourism <u>Learning Objectives:</u> Understand and define the different types of tourism. <u>Resources needed:</u> Text book PPT Case studies <u>Homework/Assignments:</u> Practice short answer questions and key definitions	Topics: The UAE Landscape and Jebel Faya Learning Objectives: Students begin by understanding the main physical features of the UAE landscape, including mountains, deserts, plains, and coastal areas, and explore the geographical and historical significance of Jebel Faya. Resources Needed: PPTs, textbook, notebook, smartboard, maps, photographs of Jebel Faya, and white chart paper. Homework/Assignments: Complete the task sheet on the UAE landscape and Jebel Faya and label the major physical features of the UAE on a map.
ACCOUNTING	BUSINESS
<u>Topics:</u> Introduction to Accounting -Basic terminologies <u>Learning Objectives:</u> - Define Assets, Liabilities, Equity, Revenue, and Expenses. - Identify how transactions change the accounting equation. - Classify business items into correct account categories. <u>Resources needed:</u> Text book Dat sheet	<u>Topics:</u> 1.1 Business activity 1.1.1 The nature of business activity <u>Learning Objectives:</u> To Demonstrate an understanding of the purpose and nature of business activity. To identify factors of production: land, labour, capital and enterprise To explain concept of adding value and how added value can be increased



Double entry rules <u>Homework/Assignments:</u> Topical questions	To analyze concept of opportunity cost Resources needed: Text book PPT Topical case studies <u>Homework/Assignments:</u> Practice topical case studies
ECONOMICS	UAE ARABIC
<u>Topics:</u> The nature of the basic economic problem <u>Learning Objectives:</u> To define and give examples of the basic economic problem To explain the concept of scarcity To explain the key allocation decisions To explain the difference between economic goods and free goods <u>Resources needed:</u> PPT Text book Task sheet <u>Homework/Assignments:</u> Topical questions	<u>Topics:</u> الوحدة: الامارات نبض العالم الدرس: دستور دولة الامارات العربية المتحدة: مفهوم الدستور و أهميته <u>Learning Objectives:</u> يتعرف المفاهيم و المصطلحات يوضح بنود الدستور و مواده <u>Resources needed:</u> الكتاب المدرسي العرض التقديمي فيديو أنشطة صفية <u>Homework/Assignments:</u> بحث حول نشأة دستور دولة الامارات العربية المتحدة و في بنوده
ISLAMYIAT	URDU



Topic:: Ayat al-Kursi (Surah Al-Baqarah 2:255)

Learning Objectives: By the end of the lesson, students will be able to:

- Recite **Ayat al-Kursi** correctly with proper **Tajweed**.
- Explain the meanings of the key vocabulary found in the verse.
- Understand the main themes of **Allah's Oneness, Power, Knowledge, and Sovereignty** as mentioned in Ayat al-Kursi.
- Recognize the virtues and significance of Ayat al-Kursi in the life of a Muslim.
- Demonstrate an appreciation for the importance of remembering Allah and placing trust in Him.

Resources Needed

- The Holy Qur'an
- Islamic Education Textbook
- Interactive Whiteboard and Projector
- Tajweed Rule Flashcards
- Vocabulary Cards
- Ayat al-Kursi Worksheet
- Audio Recitation of Ayat al-Kursi
- Markers and Sticky Notes

Homework / Assignments

- Practise reciting **Ayat al-Kursi** at home with correct pronunciation and proper **Tajweed**.
- Memorize **Ayat al-Kursi**.
- Write the meanings of **five key words** from Ayat al-Kursi.
- Reflect and write **three lessons** you learned from Ayat al-Kursi and how you can apply them in your daily life.

Topics:

ترجمہ

Learning Objectives:

نایدہ عبارت کو پڑھ کر انگریزی میں ترجمہ کرنا

Resources needed:

کتاب ۱، پی پی ٹی

Homework/Assignments:

پاسٹ پیپرز کی وضاحت