



LEARNING TRAILS AY 2024-25

GRADE: 9

TERM 1_WEEK 2 (2nd to 6th September 2024)

ENGLISH	MATHEMATICS
<p>Topics: Letter writing Idioms</p> <p>Learning Objectives: To write an informal letter To use idioms when writing</p> <p>Resources needed: Worksheet Power point notebook</p> <p>Homework/Assignments: Write a letter to your friend telling them about your holiday experience. Use the back of your notebook</p>	<p>Topics: Number</p> <p>Learning Objectives: Calculate with squares, square roots, cubes and cube roots and other powers and roots of numbers Recognise equivalence and convert between these forms Includes the conversion of recurring decimals to fractions, e.g. change to a fraction Give appropriate upper and lower bounds for data given to a specified accuracy, e.g. measured lengths</p> <p>Resources needed: Prime number activity (worksheet) https://pastpapers.co/cie/?dir=IGCSE%2FMathematics-0580 Loop card activity (HCF and LCM) https://pastpapers.co/cie/?dir=IGCSE%2FMathematics-0580</p> <p>Homework/Assignments:</p> <ul style="list-style-type: none">• Solve 5 even number questions from textbook• Weekly Test (Every MONDAY)• Question of the day (Monday to Thursday 6:00pm to 11:59 pm)
ADVANCED ARABIC	GENERAL ARABIC
<p>Topics: قصيدة: غزوتك مولودا</p> <p>Learning Objectives: أن يبين المتعلم المعنى الإجمالي للنص الشعري، موضحا الفكر الرئيسية والجزئية فيه أن يفسر المتعلم مفردات النص الشعري من خلال السياق والقرائن باستخدام مصادر ورقية ورقمية</p> <p>Resources needed:</p>	<p>Topics: بلد الأحلام</p> <p>Learning Objectives: <u>أن يستطيع الطالب التحدث عن البلد الذي يحلم بالعيش بها</u> <u>أن يتعرف على كيفية تحقيق الحلم</u> <u>أن يتحدث عن بلد أحلامه</u></p> <p>Resources needed:</p>



<p>الكتاب المدرسي - الدفتر المدرسي - العرض التقديمي</p> <p>Homework/Assignments: (اكتب نبذة عن حياة الشاعر (أمية بن أبي الصلت)</p>	<p><u>الكتاب</u> <u>العرض التقديمي</u></p> <p>Homework/Assignments: اكتب فقرة عن بلد أحلامك</p>
PHYSICS	BIOLOGY
<p>Topics: Physical quantities and measurement</p> <p>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 multiples (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.</p> <p>Resources needed: Ppt, Graph paper, Task sheet</p> <p>Home work/Assignment Woksheet</p>	<p>Topics: Concept and uses of classification systems</p> <p>Learning Objectives: Explain that classification systems aim to reflect evolutionary relationships Describe the binomial system of naming species Explain that the sequences of bases in DNA are used as a means of classification Construct and use dichotomous keys based on identifiable features State the main features used to place animals and plants into the appropriate kingdoms State the features of viruses, limited to a protein coat and genetic material</p> <p>Resources needed: Text book, Task sheet, presentation, simulations, past paper questions</p> <p>Homework/Assignments: Work sheet, drawings</p>



CHEMISTRY	ENVIRONMENTAL MANAGEMENT
<p>Topics: States of Matter</p> <p>Learning Objectives: Describe changes of state in terms of melting, boiling, evaporating, freezing and condensing. Explain changes of state in terms of kinetic particle theory. Describe the effects of temperature and pressure on the volume of a gas. Describe and explain diffusion in terms of kinetic particle theory. Describe and explain the effect of relative molecular mass on the rate of diffusion of gases.</p> <p>Resources needed: Workbook, Textbook, The Periodic Table</p> <p>Homework/Assignments: Daily Questions, Weekly Assignment, Past paper Questions</p>	<p>Topics: Water and its Management</p> <p>Learning Objectives: Water sources and how much accessible fresh water there is The causes of water shortage, and to look in detail at one country where water requirements are rising</p> <p>Resources needed: Syllabus - 0680 PPT Homework/Assignments: Research on water sources of UAE.</p>
ISLAMIYAT	ISLAMIC STUDIES
<p>Topics: Surah al Fatiha</p> <p>Learning Objectives: Explain the meaning and translation of the Quranic Ayah. Discuss the Quranic verses and its theme and importance about the recitation of the surah al Fatiha.</p> <p>Resources needed: Online quiz Discussion Daily life PPT Video Textbook</p> <p>Homework/Assignments:</p>	<p>Topics: Surah al Hujarat</p> <p>Learning Objectives: Explain the meaning and translation of the Quranic Ayah. Discuss the Quranic verses and its theme and importance about the recitation of the surah al hujarat.</p> <p>Resources needed: Online quiz Discussion Daily life PPT Video Textbook</p> <p>Homework/Assignments: importance about the recitation of the surah al hujarat.</p>



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URDU	PAKISTAN STUDIES
<p>Topics: Comprehension تفہیم</p> <p>Learning Objectives:</p> <ul style="list-style-type: none">تعلیمی سال کے مقررہ نصاب کے حوالے سے مخصوص عبارت کے خیالات، آراء اور رویوں کو سمجھیں گے۔محدود وقت کا صحیح استعمال کریں گے۔جواب دیں گے اور واضح طور پر لکھیں گے، جواب دیں گے اور واضح طور پر لکھیں گے، حقائق، خیالات اور آراء کو پہچانیں، سمجھیں اور ان میں فرق کریں۔ <p>Resources needed:</p> <p>ڈیجیٹل بورڈ کتاب ۱</p> <p>Homework/Assignments: solve/write 5 examples at home given by teacher.</p>	<p>Topics: Khilafat Movement</p> <p>Learning Objectives: Background of Khilafat movement, The movement, its impact.</p> <p>Resources needed: Worksheets, PPTS, Books, Notebooks</p> <p>Homework/Assignments: Practice questions.</p>
ICT	TRAVEL AND TOURISM
<p>Topics: Chapter 1-Types and components of computer systems</p> <ul style="list-style-type: none">1.1 Hardware and Software <p>Learning Objectives:</p> <p>Describe hardware and software Identify and distinguish between internal and external hardware devices Differentiate Application, System and Utility software</p> <p>Resources needed: Smart board Worksheets PPTS</p>	<p>Topics: Introducion to Travel and Tourism</p> <p>Learning Objectives: To explain about different types of tourists</p> <p>Resources needed: Materials for gallery walk Textbook</p> <p>Homework/Assignments: Write a report on the types and number of tourists who visited the UAE in the past two years.</p>



Videos	
<u>Homework/Assignments:</u> Make a chart of Hardware and software devices	
ACCOUNTING	BUSINESS STUDIES
<p><u>Topics:</u> Introduction to Accounting</p> <p><u>Learning Objectives:</u> To understand the basic terminologies in accounting To analyse the difference between book keeping and accounting.</p> <p><u>Resources needed:</u> Text book Rules Activity Sheets PPT</p> <p><u>Homework/Assignments:</u> Read text book Chapter 1 and prepare summary points</p>	<p><u>Topics:</u> Understanding Business activity</p> <p><u>Learning Objectives:</u> To explain the meaning of business activity. To analyze the importance of business in the existence of society.</p> <p><u>Resources needed:</u> Textbook Quiz let flash cards</p> <p><u>Homework/Assignments:</u> Write a report on the most successful and trending business ideas in the UAE over the past two years.</p>
ECONOMICS	MORAL, SOCIAL AND CULTURAL STUDIES
<p><u>Topics:</u> Introduction to Economics</p> <p><u>Learning Objectives:</u> To gain an overview and familiarize with some basic economics concepts To analyse the concept of scarcity and its link to economic choices.</p> <p><u>Resources needed:</u> Power point presentation Textbook Activity sheets</p> <p><u>Homework/Assignments:</u> Write a scenario where students have made choices, why did they do so and it's effect</p>	<p><u>Topics:</u> Modernism in UAE</p> <p><u>Learning Objectives:</u> To understand and analyze key changes and innovations in the UAE, discussing its relevance and impact on the contemporary world in various global contexts.</p> <p><u>Resources needed:</u> PPTs Videos Worksheets</p> <p><u>Homework/Assignments:</u> Which are the smart initiatives put forward by United Arab Emirates during the 21st century</p>



UAE ARABIC	ISLAMIC ARABIC
<p>Topics: <u>الوجدة : الملامح الطبيعية للوطن العربي</u> الدرس الول : موقع الوطن العربي وأهميته</p> <p>Learning Objectives: يتعرف المفاهيم و المصطلحات يتعرف الوطن العربي من حيث الخصائص و التحديات التي تفرضها طبيعتها الجغرافية</p> <p>Resources needed:</p> <ul style="list-style-type: none">• عرض تقديمي• أوراق عمل• أنشطة صفية• الكتاب المدرسي <p>Homework/Assignments:</p>	<p>Topics: سورة الحجرات (1- 10) درس مع الله ورسوله وولي الأمر</p> <p>Learning Objectives:</p> <ul style="list-style-type: none">• يتلو الطلاب الآيات الكريمة تلاوة مجودة -• يوضح الطلاب المعنى الاجمالي للآيات• يدل على مظاهر الامتثال لامر الله تعالى <p>Resources needed:</p> <ul style="list-style-type: none">• الكتاب المدرسي• البوربوينت• أنشطة صفية <p>Homework/Assignments:</p> <ul style="list-style-type: none">• حل أنشطة الطالب بالكتاب المدرسي• حفظ الآيات الكريمة الموجودة بالدرس• مراجعة البوربوينت للدرس