



LEARNING TRAILS AY 2024-25

GRADE: 9

TERM 1_WEEK 3 (9th to 13th September 2024)

ENGLISH	MATHEMATICS
<p>Topics:</p> <ul style="list-style-type: none">◆ Listening◆ Verbs followed by infinitive <p>Learning Objectives:</p> <ul style="list-style-type: none">◆ <u>T</u>o respond to Listening comprehension◆ To use verbs followed by infinitives accurately <p>Resources needed:</p> <p>Ppt Audio Video worksheet</p> <p>Homework/Assignments:</p> <p>Workbook page Unit One page 5 Complete the task</p>	<p>Topics:</p> <p>Number</p> <p>Learning Objectives:</p> <p>Give appropriate upper and lower bounds for data given to a specified accuracy, e.g. measured lengths</p> <ul style="list-style-type: none">● Use the standard form $A \times 10^n$ where n is a positive or negative integer, and $1 \leq A < 10$.● Continue a given number sequence.● Recognise patterns in sequences and relationships between different sequences.● Find the nth term of linear sequences, simple quadratic and cubic sequences <p>Resources needed: Sequence puzzle, match the sequence to the nth term rule 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:</p> <ul style="list-style-type: none">• أن يبين المتعلم المعنى الإجمالي للنص الشعري موضحا علاقة الفكر بعضها ببعض• أن يفسر المتعلم المفردات من خلال السياق باستخدام مصادر ورقية ورقمية متعددة <p>Resources needed: الكتاب المدرسي - العرض التقديمي - الدفتر المدرسي</p> <p>Homework/Assignments: كتابة نبذة عن حياة الشاعر أمية بن أبي الصلت</p>	<p>Topics: وظيفة الأحلام</p> <p>Learning Objectives: أن يستمع الطالب ويفهم المعنى الكلي لنص الاستماع أن يتحدث الطالب عن وظيفة أحلامه أن يستنتج الطالب الفكرة الرئيسة والأفكار الفرعي</p> <p>Resources needed: الكتاب العرض التقديمي الانترنت</p> <p>Homework/Assignments: حل ورقة العمل + كتابة فقرة عن وظيفة أحلامك بالمستقبل</p>
PHYSICS	BIOLOGY
<p>Topics: 1.2 Motion</p> <p>Learning Objectives: Sketch, plot and interpret distance-time graph Determine, qualitatively, from given data or the shape of a distance-time graph or speed-time graph when an object is:</p> <ol style="list-style-type: none">at restmoving with constant speedacceleratingdecelerating <p>Resources needed: Graph paper, PPT, task sheets</p> <p>Homework/Assignments: Worksheet</p>	<p>Topics: 1.3 Features of organisms Organization of the organism</p> <p>Learning Objectives: State the main features used to place organisms into groups within the plant kingdom, limited to ferns and flowering plants State the features of viruses, limited to a protein coat and genetic material Construct and use dichotomous keys based on identifiable features Describe and compare the structure of a plant cell with an animal cell Describe the structure of a bacterial cell Describe the functions of the structures in plant, animal and bacterial cells.</p>



	<p>Resources needed: Text books, education links, summary notes, presentations and task sheets.</p> <p>Homework/Assignments: Reading text book topics, diagrams, past papers.</p>
CHEMISTRY	ENVIRONMENTAL MANAGEMENT
<p>Topics: Atoms, Elements and Compounds Diffusion</p> <p>Learning Objectives: 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. Describe the differences between elements, compounds and mixtures. Describe the structure of the atom. State the relative charges and relative masses of a proton, a neutron and an electron. Define proton number / atomic number. Define mass number / nucleon number.</p> <p>Resources needed: Workbook, Textbook, Periodic table, PPT, Video etc.</p> <p>Homework/Assignments: Daily Questions, Weekly assignment, past paper questions</p>	<p>Topics: Water and its Management – Water Cycle</p> <p>Learning Objectives: analyze the components of the water cycle and assess its significance in maintaining ecological balance. They will explore how human activities, such as deforestation, urbanization, and pollution, impact the water cycle and propose sustainable management practices to mitigate these effects.</p> <p>Resources needed: PPT Past Papers - Nov 2013 Paper 22 Q 2(a)(i) Nov 2012 Paper 12 Q 4(a)</p> <p>Homework/Assignments: Cloud seeding and its impact</p>
ISLAMIYAT	ISLAMIC STUDIES
<p>Topics: Passage from surah Al Anaam Allah in himself.</p> <p>Learning Objectives:</p>	<p>Topics: In the Presence of the Prophet SAW</p> <p>Learning Objectives:</p>



<p>Explain the meaning of the Holy verses of the ayah al Anaam Describe the story of the Oneness of Allah in light of the Quran.</p> <p>Resources needed: Textbook, online sites, ppt, activities from the textbook.</p> <p>Homework/Assignments: Solve students' activities in the textbook.</p>	<p>Explain the meaning of the Holy verses of the ayah al hujarat. Describe the story of the Prophet SAW in light of the Quran.</p> <p>Resources needed: Textbook, online sites, ppt, activities from the textbook.</p> <p>Homework/Assignments: Solve students' activities in the textbook.</p>
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: ڈیجیٹل بورڈ کتاب ۱</p> <p>Homework/Assignments: solve/write 5 examples at home given by teacher.</p>	<p>Topics: Transport and Telecommunication</p> <p>Learning Objectives: Students can analyze maps and describe the variations in the density and distribution of road, rail, and air transport networks in different regions of Pakistan.</p> <p>Resources needed:</p> <ul style="list-style-type: none">Smart boardPPT'sWorksheetsTextbookNotebook <p>Homework/Assignments: Practice Questions</p>



ICT	TRAVEL AND TOURISM
<p>Topics: Main Components of computer, Software and Database</p> <p>Learning Objectives:</p> <ul style="list-style-type: none">• Describe the central processing unit (CPU) including its role• Describe internal memory, i.e. ROM and RAM and the differences between them• Define input and output devices and describe the difference between them• Define secondary/backing storage• Differentiate application software and system software• Able to import the file in Access <p>Resources needed: PPTs Videos Past Paper questions Smartboard</p> <p>Homework/Assignments: Past Paper Questions</p>	<p>Topics: Introduction to sub sectors of tourism</p> <p>Learning Objectives: To explain the meaning of various subsectors of tourism.</p> <p>Resources needed: videos showing the workings of different sectors of tourism</p> <p>Homework/Assignments: Prepare a mind map showing different sectors of tourism</p>
ACCOUNTING	BUSINESS STUDIES
<p>Topics: Double Entry</p> <p>Learning Objectives: To identify the accounts in a transaction To apply the double entry rules</p> <p>Resources needed: Text book Task Sheets PPT</p>	<p>Topics: Factors of production and specialization</p> <p>Learning Objectives: To explain the different factors of production. To analyze the benefits of specialisation.</p> <p>Resources needed: Text book. Case studies with mark schemes</p>



<p>Homework/Assignments: Frame any 5 imaginary transactions and identify the debit and credit aspects</p>	<p>Homework/Assignments: Solving topical questions [mark scheme is uploaded]</p>
<p>ECONOMICS</p>	<p>MORAL, SOCIAL AND CULTURAL STUDIES</p>
<p>Topics: The factors of production</p> <p>Learning Objectives:</p> <ul style="list-style-type: none">Identify and describe the four factors of production.Explain the role of each factor in production. <p>Resources needed: MS Team activity sheet, PPT etc.</p> <p>Homework/Assignments: https://www.investopedia.com/terms/f/factors-production.asp</p> <ul style="list-style-type: none">What are the factors of production?How do FOP contribute to economic activity? <p>HOT question - How does the availability of resources impact production and economic growth?</p>	<p>Topics: The UAE Landscape and Jebel Faya</p> <p>Learning Objectives: To Understand and analyze about the historical and cultural importance of Jebel Faya</p> <p>Resources needed: PPTS Videos Textbooks</p> <p>Homework/Assignments: Make a research and find out the Significance of UNESCO Protected Archeological cities in UAE</p>
<p>UAE ARABIC</p>	<p>ISLAMIC ARABIC</p>
<p>Topics: الوجةة : الملامح الطبيعية للوطن العربي الدرس الول : موقع الوطن العربي وأهميته الحدود و الأهمية</p> <p>Learning Objectives: يقسر الأهمية الاستراتيجية للمكان و ماقد ينتج عنه من قضايا و مشكلات حل أنشطة الدرس</p> <p>Resources needed:</p> <ul style="list-style-type: none">عرض تقديميأوراق عملأنشطة صفيةالكتاب المدرسي	<p>Topics: سورة الحجرات (1 - 10) درس مع الله ورسوله وولي الأمر</p> <p>Learning Objectives: يوضح الطالب المعني الاجمالي للآيات يبين الطالب أهمية الامتثال لاوامر الله تعالى يستنتج الطالب خطورة الفتن و الإشاعات على الفرد و المجتمع</p> <p>Resources needed: الكتاب المدرسي البوربوينت أنشطة صفية</p>



Homework/Assignments:

رسم خريطة الوطن العربي

Homework/Assignments:

حل أنشطة الطالب بالكتاب المدرسي
حفظ الآيات الكريمة الموجودة بالدرس
مراجعة البوربوينت للدرس