

LEARNING TRAILS

Grade: 9

Date: Week 10 – 31st Oct to 4 Nov 2021

SUBJECTS	LESSONS AND CONCEPTS	LEARNING OBJECTIVES	ASSIGNMENTS AND ASSESSMENT
<p>ARABIC LANGUAGE _ ARABS</p> <p>UNIT: 1</p> <p>LESSON في مكارم الأخلاق</p>	<ul style="list-style-type: none"> يعاتبني أوسر رفدا شيمة أخلوا 	<ul style="list-style-type: none"> أن يقرأ الأبيات قراءة جهرية صحيحة أن يستخرج العبارات المجازية ودلالات الكلمات أن يستنتج الأفكار التي تحملها الأبيات أن يتعرف المفردات الجديدة ويضعها في جمل أن يجيب عن الأسئلة 	<ul style="list-style-type: none"> أوراق العمل اختبار إلكتروني الأسئلة المتنوعة
<p>ARABIC LANGUAGE_ GENERAL</p> <p>UNIT: الوحدة الثانية</p> <p>LESSON درس يومياتي</p>	<ul style="list-style-type: none"> مذكرات يوم مرهق شاق يكتب يدون يستنتج 	<ul style="list-style-type: none"> أن يستمع ويفهم المعنى الكلي لنص الاستماع أن يتحدث عن يوم قضاءه الطالب مع أسرته أن يتعرف المفردات الجديدة الواردة في الدرس أن يستنتج الفكرة الرئيسية للدرس أن يجيب عن أسئلة الكتاب المدرسي 	<ul style="list-style-type: none"> عرض نص الاستماع عرض فيديو عن يوميات شخص ما ومناقشة الطلاب فيه أوراق عمل تراعي الفروق الفردية أنشطة على برنامج الكاهوت
<p>ISLAMIC STUDIES_ ARABS</p> <p>UNIT: 2</p> <p>LESSON : سلامة المجتمع</p>	<ul style="list-style-type: none"> التناوب الغيبة الفسوق تلاوة الآيات التجويد أحكام تفسير الآيات 	<ul style="list-style-type: none"> يفسر معاني المفردات القرآنية ويستنتج بعض دلالات الآيات الكريمه ويبين علاقة الصلح بالامن العام ويطبق القيم والمبادئ التي تضمنها الآيات الكريمة 	<ul style="list-style-type: none"> حفظ الآيات الكريمة حفظ معاني الكلمات الجديدة مراجعة البوربوينت حل ورقة عمل التغذية
<p>ISLAMIC STUDIES – ENGLISH</p> <p>UNIT: two</p> <p>LESSON: Two</p>	<ul style="list-style-type: none"> Explain the themes and importance of the Quranic verses Explain the overall meaning of the relevant Quranic verses. 	<ul style="list-style-type: none"> Acquisition (, Watch, Learn) Learning from Practice Learning from discussion Learning from real life connection/ subject 	<ul style="list-style-type: none"> Online & Direct quiz Video Power Point Presentations Discussion Daily Life Situation

		<p>integration/</p> <ul style="list-style-type: none"> • MEP integration • Power point video embedded • Live Teaching • Task sheets for practice • Discussion tool 	<ul style="list-style-type: none"> • Textbook Exercises
<p>ENGLISH LANGUAGE</p> <p>UNIT: Summary Writing, Article Writing, Poem Comprehension</p> <p>LESSON: Reading passage on the channel tunnel (textbook), poem 'Living Space' by Imtiaz Dhaker, article about vegetarianism</p>	<ul style="list-style-type: none"> • Identify relevant information and select correct details from a reading passage about the building and design of the channel tunnel. • Understand how to arrange information in a summary writing. • Compose a summary about the building and design of the Channel Tunnel. • Convey information and express opinions effectively • Employ and control a variety of grammatical structures • Write an article contrasting two sides of a topic. • Identify the use of figures of speech in poetry. • Enhance vocabulary 	<ul style="list-style-type: none"> ✓ Acquisition (Read, Watch, Learn) ✓ Learning from enquiry ✓ Learning from Practice ✓ Learning from discussion ✓ Learning from collaboration ✓ Learning from real life connection/ subject integration 	<ul style="list-style-type: none"> ✓ Power Point ✓ Power point audio embedded ✓ Power point video embedded ✓ Live Teaching ✓ Session recorded and shared with learners ✓ Task sheets for practice ✓ Discussion tool ✓ Assignment and grading

	<p>by learning new words.</p> <ul style="list-style-type: none"> • Understand and discuss a poet's choice of words and phrases. • List examples of personification, rhetorical question and imagery in the poem 'Living Space' by Imtiaz Dharker. 		
<p>MATHEMATICS</p> <p>UNIT: Algebra One</p> <p>LESSON: Linear equations, problems solved by linear equations</p>	<ul style="list-style-type: none"> • Set up equations from the given information and then solve them • Solve simultaneous linear equation in two variables • To solve simultaneous linear equations in two variables by setting up an equation from the statement problem 	<ul style="list-style-type: none"> • Acquisition (Read, Watch, Learn) • Learning from enquiry • Learning from Practice • Learning from discussion • Learning from collaboration • Learning from real life connection/ subject integration 	<ul style="list-style-type: none"> • Power Point • Live Teaching • Session recorded and shared with learners • Questions from ppt for practice • Exercise questions for home work and practice • Class Test • Assign the Question of the day

<p>PHYSICS</p> <p>UNIT:</p> <p>GENERAL PHYSICS</p> <p>LESSON :</p> <p>MASS AND WEIGHT</p>	<ul style="list-style-type: none"> plot a graph of weight against mass and calculate the gradient. Introduce the value of the gradient as the gravitational field strength. all objects experience the same acceleration due to free-fall, but often it does not appear this way due to the presence of air resistance. This will be covered further with terminal velocity. gravitational field is a region in which a mass experiences a force due to gravitational attraction and this value changes depending on the size of the mass creating the field and the distance away from this mass. 	<ul style="list-style-type: none"> State that mass is a measure of the quantity of matter in an object at rest relative to the observer State that weight is a gravitational force on an object that has mass Define gravitational field strength as force per unit mass; recall and use the equation and know that this is equivalent to the acceleration of free fall Know that weights, (and masses) may be compared using a balance Describe, and use the concept of, weight as the effect of a gravitational field on a mass 	<ul style="list-style-type: none"> Power Point Live Teaching Session recorded and shared with learners Questions from PAST PAPER Exercise questions for home work and topic wise assignment.
<p>CHEMISTRY</p> <p>UNIT:</p> <p>LESSON : Atoms, elements and compounds</p>	<ul style="list-style-type: none"> relative charges and approximate relative masses of protons, neutrons and electrons <i>proton number</i> (atomic number) as the number of protons in the nucleus of an atom <i>nucleon number</i> (mass number) as the total number of protons and neutrons in the nucleus of an atom 	<ul style="list-style-type: none"> State the relative charges and approximate relative masses of protons, neutrons and electrons Define <i>proton number</i> (atomic number) as the number of protons in the nucleus of an atom Define <i>nucleon number</i> (mass number) as the total number of protons and neutrons in the nucleus of an atom 	<ul style="list-style-type: none"> Power Point Live Teaching Session recorded and shared with learners PAST PAPER QUESTIONS

<p>BIOLOGY</p> <p>UNIT: 4 Biological molecules</p> <p>LESSON carbohydrates fats proteins</p>	<ul style="list-style-type: none"> The elements which makes the different nutrients. large molecules are made from smaller molecules, 	<ul style="list-style-type: none"> List the chemical elements that make up: <ul style="list-style-type: none"> – carbohydrates – fats – proteins State that large molecules are made from smaller molecules, limited to: <ul style="list-style-type: none"> – starch and glycogen from glucose – cellulose from glucose – proteins from amino acids – fats and oils from fatty acids and glycerol 	<ul style="list-style-type: none"> ✓ Power Point ✓ Power point audio embedded ✓ Power point video embedded ✓ Live Teaching ✓ Session recorded and shared with learners ✓ Task sheets for practice ✓ Discussion tool ✓ Assignment and grading
<p>INFORMATION & COMMUNICATION TECHNOLOGY (ICT)</p> <p>UNIT: Storage Media and Devices</p> <p>LESSON: Backing up of data</p>	<ul style="list-style-type: none"> Storage Devices Backing up of data Needs for backing up 	<ul style="list-style-type: none"> Identify the storage hierarchy Define backing up Identify the needs for backing up of data 	<ul style="list-style-type: none"> MS forms Quiz MS Teams assignment. Strategic use of questioning.
<p>UAE STUDIES_ ARABIC</p> <p>UNIT: 1</p> <p>LESSON: التكتلات الاقتصادية</p>	<ul style="list-style-type: none"> أن يتعرف الطالب على أهمية التكتلات الاقتصادية للدول أن يعدد الطالب أهمية السوق الحرة أن يقارن الطالب بين الدول قبل الحرب العالمية الثانية وبعد الحرب العالمية الثانية 	<ul style="list-style-type: none"> عرض بوربوينت عرض فيديو عرض ورقة العمل الحوار والمناقشة التفكير الناقد 	<p>مراجعة البوربوينت</p> <p>حل ورقة العمل والتغذية الراجعة عليها</p>

<p>UAE STUDIES – ENGLISH</p> <p>UNIT:</p> <p>LESSON</p>	<ul style="list-style-type: none"> • To Describe the effect that the dromedary camel had on the society living at the time • To Identify the importance of the city of Muweillah in the history of UAE • 	<ul style="list-style-type: none"> • Describe the effect that the dromedary camel had on the society living at the time • Identify the importance of the city of Muweillah in the history of UAE 	<ul style="list-style-type: none"> • ✓ Power Point • ✓ Power point audio embedded • ✓ Power point video embedded • ✓ Live Teaching • ✓ Session recorded and shared with learners • ✓ Task sheets for practice • ✓ Discussion tool • ✓ Assignment and grading
<p>ECONOMICS</p> <p>UNIT:</p> <p>LESSON:</p>	<ul style="list-style-type: none"> • PRICE ELASTICITY OF DEMAND 	<ul style="list-style-type: none"> • DEFINING PRICE ELASTICITY OF DEMAND • DESCRIBING THE DETERMINANTS OF ELASTICITY • ILLUSTRATE THE CURVES 	<ul style="list-style-type: none"> • MS forms Quiz • MS Teams assignment. • Strategic use of questioning. •
<p>ACCOUNTING</p> <p>UNIT: Books of prime entry</p> <p>LESSON: Petty cash book</p>	<p>Imprest system of petty cash book</p>	<p>To formulate petty cash book under imprest system</p>	<p>PPT</p> <p>Kahoot</p> <p>MS Forms</p> <p>Structured topical questions</p> <p>Assessment ,grading and feedback</p>

<p>BUSINESS STUDIES</p> <p>UNIT: 1</p> <p>LESSON: 3</p>	<ul style="list-style-type: none"> • Business growth 	<ul style="list-style-type: none"> • To identify various forms of business growth. • To Analyse the problems linked with growth • To Analyse why some business remain small 	<ul style="list-style-type: none"> • PPT • Live discussion • Case studies • Essay questions
<p>URDU</p> <p>UNIT: paper 1</p> <p>LESSON: Report Writing</p>	<ul style="list-style-type: none"> • Student will learn about the Report writing: • How to write • Types of report, 	<ul style="list-style-type: none"> • Learning from Practice · • *Learning from discussion • Past Paper 	<ul style="list-style-type: none"> • past Papers • PPT • Live teaching • Quiz
<p>PAKISTAN STUDIES</p> <p>UNIT: 4</p> <p>LESSON : Forest</p>	<p>Forest : areas , importance of timber , deforestation and afforestation : planned and grow trees in the affected areas</p>	<p>Learning from Practice ·</p> <p>*Learning from discussion</p> <p>*Learning from collaboration ·</p> <p>Programming / Researching Skills / Problem Solving</p> <p>Past Papers</p>	<p>Past Papers</p> <p>PPT</p> <p>Live teaching</p> <p>Quiz</p>
<p>GEOGRAPHY</p> <p>UNIT: Population Dynamics</p> <p>LESSON : Population Growth</p>	<ul style="list-style-type: none"> • Countries specific case studies. 	<p>Learning from Practice ·</p> <p>*Learning from discussion</p> <p>*Learning from collaboration ·</p> <p>Programming / Researching Skills / Problem Solving</p> <p>Past Papers</p>	<p>Past Papers</p> <p>PPT</p> <p>Live teaching</p> <p>Quiz</p>