

## LEARNING TRAILS

Grade: 9

Date: Week 4 – 19th to 23rd September 2021

SUBJECTS	LESSONS AND CONCEPTS	LEARNING OBJECTIVES	ASSIGNMENTS AND ASSESSMENT
<p><b>ARABIC LANGUAGE _ ARABS</b></p> <p><b>UNIT: 1</b></p> <p><b>LESSON الميزان الصرفي</b></p>	<ul style="list-style-type: none"> <li>الحروف المزيدة</li> <li>الأفعال الثلاثية وما فوق الثلاثي</li> <li>أوزان الفعل الثلاثي والرابعي</li> </ul>	<ul style="list-style-type: none"> <li>أن يزن الطالب وزنا صرفيا الأفعال الثلاثية وما فوقها .</li> <li>أن يتعرف الطالب أحكام الميزان الصرفي وكيفية العمل به .</li> <li>أن يجيب الطالب عن الأسئلة المعروضة وأوراق العمل .</li> </ul>	<ul style="list-style-type: none"> <li>حل أوراق العمل</li> <li>حل الأسئلة بالحصّة الدراسية وأسئلة الكتاب المدرسي</li> <li>اختبار إلكتروني</li> </ul>
<p><b>ARABIC LANGUAGE _ GENERAL</b></p> <p><b>UNIT: الوحدة الأولى</b></p> <p><b>LESSON الدرس الثاني ( ( وظيفة الأعلام</b></p>	<ul style="list-style-type: none"> <li>وظيفة الأعلام</li> <li>مهنة</li> <li>يعمل</li> <li>طبيب</li> <li>مهندس</li> <li>معلم</li> </ul>	<ul style="list-style-type: none"> <li>أن يستمع ويفهم الطالب المعنى الكلي لنص الاستماع</li> <li>أن يحدد الفكرة الرئيسة للدرس</li> <li>أن يتحدث الطالب عن وظيفة أعلامه</li> <li>أن يجيب الطلاب على أسئلة الكتاب</li> </ul>	<ul style="list-style-type: none"> <li>عرض نص الاستماع</li> <li>عرض تقديمي للدرس</li> <li>أوراق عمل</li> <li>مهارة التحدث ( يتحدث الطالب عن مهنة ( المستقبل</li> <li>حل أسئلة الكتاب المدرسي</li> <li>ورقة نشاط ترسل خلال ميكروسوفت فورم</li> </ul>
<p><b>ISLAMIC STUDIES _ ARABS</b></p> <p><b>UNIT:</b></p> <p><b>LESSON : السبع الموبقات</b></p>	<ul style="list-style-type: none"> <li>تفسير الحديث</li> <li>السحر</li> <li>قتل النفس</li> <li>التولى يوم الزحف</li> </ul>	<ul style="list-style-type: none"> <li>أن يسمع الحديث الشريف بلغه سليمة</li> <li>ويفسر معاني مفردات الحديث</li> <li>ويبين دلالات الحديث الشريف</li> </ul>	<ul style="list-style-type: none"> <li>حفظ الحديث الشريف</li> <li>حفظ معاني الكلمات الجديدة</li> <li>مراجعة اليوروبونت</li> </ul>
<p><b>ISLAMIC STUDIES – ENGLISH</b></p> <p><b>UNIT: One</b></p> <p><b>LESSON: Seven Grave Sins</b></p>	<ul style="list-style-type: none"> <li>Read and learn the Hadith by heart</li> <li>Explain the significance of the Hadith</li> <li>Explain the reason of calling all these wrong doing grave sins</li> </ul>	<ul style="list-style-type: none"> <li>Acquisition (Watch, Learn) Learning from Practice</li> <li>Learning from discussion</li> <li>Learning from real life connection/ subject integration/</li> <li>MEP integration</li> </ul>	<ul style="list-style-type: none"> <li>Text book,</li> <li>Notebooks</li> <li>Teams</li> <li>PPT's</li> <li>Online &amp; Direct quiz</li> <li>Textbook questions.</li> <li>.</li> </ul>

		<ul style="list-style-type: none"> <li>• Power point video embedded</li> <li>• Live Teaching</li> <li>• Task sheets for practice</li> <li>• Discussion tool</li> </ul>	
<p><b>ENGLISH LANGUAGE</b></p> <p><b>UNIT:</b> Article Writing, Collocations, Reading Comprehension, Punctuation</p> <p><b>LESSON :</b> Article writing about the choice of career, reading passage about jellies and jams (workbook), interrogation and exclamation marks, paragraph using collocations (noun+noun, verb+noun, adjective+adjective, adjective+noun)</p>	<ul style="list-style-type: none"> <li>• Identify relevant information and select correct details using the reading techniques of skimming and scanning from an article about chocolate tasting.</li> <li>• Recognize ideas, opinions and attitudes from a range of texts and understand the connections between them.</li> <li>• Communicate information/ideas/ opinions clearly, accurately and effectively.</li> <li>• Organize ideas into coherent paragraphs using a range of appropriate linking devices.</li> <li>• Show control of punctuation and spelling.</li> </ul>	<ul style="list-style-type: none"> <li>• Acquisition (Read, Watch, Learn)</li> <li>• Learning from enquiry</li> <li>• Learning from Practice</li> <li>• Learning from discussion</li> <li>• Learning from collaboration</li> <li>• Learning from real life connection/ subject integration</li> </ul>	<ul style="list-style-type: none"> <li>• Power Point</li> <li>• Power point audio embedded</li> <li>• Power point video embedded</li> <li>• Live Teaching</li> <li>• Session recorded and shared with learners</li> <li>• Task sheets for practice</li> <li>• Discussion tool</li> <li>• Assignment and grading</li> </ul>
<p><b>MATHEMATICS</b></p> <p><b>UNIT: Numbers</b></p> <p><b>LESSON: estimation,</b></p>	<ul style="list-style-type: none"> <li>• Identify appropriate uses for estimation.</li> <li>• Practice estimating by using rounding and mental computations to arrive at estimates.</li> <li>• Give appropriate</li> </ul>	<ul style="list-style-type: none"> <li>• Acquisition (Read, Watch, Learn)</li> <li>• Learning from Practice</li> <li>• Learning from discussion</li> <li>• Learning from collaboration</li> </ul>	<ul style="list-style-type: none"> <li>• Power Point</li> <li>• Live Teaching</li> <li>• Session recorded and shared with learners</li> <li>• Exercise sums for</li> </ul>

<p><b>bounds, standard form</b></p>	<p>upper and lower bounds for data given to a specified accuracy.</p> <ul style="list-style-type: none"> <li>Obtain appropriate upper and lower bounds to solutions of simple problems given data to a specified accuracy.</li> <li>Understand the meaning and rules of standard form.</li> <li>Use the standard form <math>A \times 10^n</math> where n is a positive or negative integer, and <math>1 \leq A &lt; 10</math>.</li> </ul>	<ul style="list-style-type: none"> <li>Learning from real life connection/ subject integration</li> </ul>	<p>practice</p> <ul style="list-style-type: none"> <li>Class Test</li> <li>Assignment and grading</li> </ul>
<p><b>PHYSICS</b> <b>UNIT:</b> <b>GENERAL PHYSICS</b> <b>LESSON :</b> <b>SCALAR AND VECTOR</b></p>	<ul style="list-style-type: none"> <li>Describing what is scalars and vectors</li> <li>Explain that scalars always add to create a larger value</li> <li>Explain that vectors have direction and this changes how they add.</li> <li>Introduce how to add vectors at right angles to each other mathematically using Pythagoras' theorem.</li> </ul>	<ul style="list-style-type: none"> <li>Understand that a scalar quantity has magnitude (size) only and that a vector quantity has magnitude and direction</li> <li>Know that the following quantities are scalars: distance, speed, time, mass, energy and temperature</li> <li>Know that the following quantities are vectors: force, weight, velocity, acceleration, momentum, electric field strength and gravitational field strength</li> <li>Determine, by calculation or graphically, the resultant of two vectors at right angles, limited to forces or velocities only</li> </ul>	<ul style="list-style-type: none"> <li>Power Point</li> <li>Live Teaching</li> <li>Session recorded and shared with learners</li> <li>Exercise sums for practice</li> <li>Class Test</li> <li>Assignment and grading</li> </ul>

<p><b>CHEMISTRY</b></p> <p><b>UNIT: The Periodic Table</b></p> <p><b>LESSON : Trends in the Periodic Table</b></p>	<ul style="list-style-type: none"> <li>Describe the change from metallic to nonmetallic character across a period.</li> <li>Describe and explain the relationship between Group number, number of outer shell electrons and metallic/non-metallic character.</li> </ul>	<ul style="list-style-type: none"> <li>Describe the Periodic Table as a method of classifying elements and its use to predict properties of elements.</li> </ul>	<ul style="list-style-type: none"> <li>Learning from enquiry</li> <li>Learning from Practice</li> <li>Learning from discussion</li> <li>Learning from collaboration</li> <li>Learning from real life connection/ subject integration</li> <li>Worksheets and quizzes</li> </ul>
<p><b>BIOLOGY</b></p> <p><b>UNIT: 2 Organisation of the organism</b></p> <p><b>LESSON Cell structure and organisation</b></p>	<ul style="list-style-type: none"> <li>Describe and compare the structure of a plant cell with an animal cell.</li> <li>State the functions of the structures seen under the light microscope</li> <li>Specialized cells</li> </ul>	<ul style="list-style-type: none"> <li>State that the cytoplasm of all cells contains structures, limited to ribosomes on rough endoplasmic reticulum and vesicles</li> <li>Identify mitochondria and rough endoplasmic reticulum in diagrams and images of cells</li> <li>State that aerobic respiration occurs in mitochondria</li> <li>Identify the different levels of organisation in drawings, diagrams and images of unfamiliar material</li> </ul>	<ul style="list-style-type: none"> <li>Learning from enquiry</li> <li>Learning from Practice</li> <li>Learning from discussion</li> <li>Learning from collaboration</li> <li>Learning from real life connection/ subject integration</li> <li>Worksheets and quizzes</li> <li>Draw diagrams</li> </ul>
<p><b>INFORMATION &amp; COMMUNICATION TECHNOLOGY (ICT)</b></p> <p><b>UNIT: Types and components of computer</b></p>	<ul style="list-style-type: none"> <li>Types of computers</li> <li>Layout of a documents</li> <li>Styles in MS Word</li> </ul>	<ul style="list-style-type: none"> <li>Describe the characteristics of a personal/desktop computer and its uses, both as a standalone and networked computer</li> <li>Describe the characteristics of a laptop computer and</li> </ul>	<ul style="list-style-type: none"> <li>Quiz on MS Forms</li> <li>Assignment on MS teams</li> </ul>

<p><b>LESSON: Types of computers</b></p> <p><b>Document production</b></p>		<p>what it is used for, both as a standalone and networked computer</p> <ul style="list-style-type: none"> <li>Describe the characteristics of a tablet computer and what it is used for, including its ability to use wireless technology or 3G/4G technology</li> <li>Describe the computer characteristics of a smart phone and what it is used for in computing terms</li> <li>Describe the advantages and disadvantages of each type of computer in comparison with the others</li> </ul>	
<p><b>UAE STUDIES_ ARABIC</b></p> <p><b>UNIT: 1</b></p> <p><b>LESSON: موقع الوطن العربي وأهميته</b></p>	<ul style="list-style-type: none"> <li></li> </ul>	<ul style="list-style-type: none"> <li>عرض البوربوينت</li> <li>عرض فيديو</li> <li>الألعاب التعليمية</li> <li>الحوار والمناقشة</li> <li>التفكير الناقد</li> </ul>	<ul style="list-style-type: none"> <li>مراجعة البوربوينت</li> <li>حل ورقة العمل والتغذية الراجعة عليه</li> </ul>
<p><b>UAE STUDIES – ENGLISH</b></p> <p><b>UNIT:</b></p> <p><b>LESSON</b></p>	<ul style="list-style-type: none"> <li>Identify elements of trade in Arabian Peninsula</li> <li>Describe what can we learn from the Neolithic age</li> </ul>	<ul style="list-style-type: none"> <li>Elements of trade in the Arabian Peninsula during Neolithic age</li> <li>What can we learn about people from Neolithic age</li> </ul>	<ul style="list-style-type: none"> <li>Discussion</li> <li>Session recorded and shared with learners</li> <li>Daily life</li> <li>PPT</li> <li>Video</li> </ul>

<p><b>ECONOMICS</b></p> <p><b>UNIT:</b></p> <p><b>LESSON:</b></p>	<ul style="list-style-type: none"> <li>• Production possibility curves</li> <li>• Opportunity cost</li> </ul>	<ul style="list-style-type: none"> <li>• Illustration of the economic problems on the production possibility curve</li> <li>• Describing the notion of the curve</li> <li>• Defining major economic problems</li> </ul>	<ul style="list-style-type: none"> <li>• Learning from Practice</li> <li>• Learning from discussion</li> <li>• Learning from collaboration</li> <li>• Learning from real life connection/ subject integration</li> <li>• Worksheets and quizzes</li> </ul>
<p><b>ACCOUNTING</b></p> <p><b>UNIT: Trial balance</b></p> <p><b>LESSON: Trial balance</b></p>	<ul style="list-style-type: none"> <li>• To formulate trial balance after balancing of ledger accounts</li> </ul>	<ul style="list-style-type: none"> <li>• Learning through practise</li> <li>• Learning through discussion</li> <li>• Learning from real life financial world</li> </ul>	<ul style="list-style-type: none"> <li>• PPT</li> <li>• Structured questions</li> <li>• MS Forms</li> <li>• Assessment, grading and feedback</li> </ul>
<p><b>BUSINESS STUDIES</b></p> <p><b>UNIT: 1</b></p> <p><b>LESSON: 3</b></p>	<ul style="list-style-type: none"> <li>• Enterprise and Entrepreneurship</li> </ul>	<ul style="list-style-type: none"> <li>• To explain the features of successful entrepreneurs</li> <li>• To define business plan</li> <li>• To analyse the contents of business plan</li> </ul>	<ul style="list-style-type: none"> <li>• Acquisition (Read, Watch, Learn) through live sessions</li> <li>• Learning from Practice</li> <li>• Learning from live discussion</li> <li>• Learning from collaboration with real world activities</li> <li>• Learning from real life</li> </ul>
<p><b>URDU</b></p> <p><b>UNIT: paper 2</b></p> <p><b>LESSON:</b></p> <p><b>Comprehension</b></p>	<ul style="list-style-type: none"> <li>• Read and understand a passage so to answer questions relevant to it</li> </ul>	<ul style="list-style-type: none"> <li>• Learning from Practice</li> <li>• Learning from discussion</li> <li>• Learning from collaboration</li> <li>• Learning from real life connection/ subject integration</li> </ul>	<ul style="list-style-type: none"> <li>• Quiz</li> <li>• PPT</li> <li>• Real life example</li> </ul>



<p><b>PAKISTAN STUDIES</b></p> <p><b>UNIT: History</b></p> <p><b>LESSON : British colonization and wars</b></p>	<ul style="list-style-type: none"> <li>• Mughal Rulers</li> <li>• Downfall of Mughal Empire</li> <li>• Colonization</li> <li>• Wars &amp; battles</li> <li>• Battle of Plassey</li> <li>• Battle of Burar &amp; War of independence 1857</li> </ul>	<ul style="list-style-type: none"> <li>• To understand through the past papers how to attempt the questions and how to write and how much to write for each question.</li> </ul>	<ul style="list-style-type: none"> <li>• Online &amp; Direct quiz</li> <li>• Discussion</li> <li>• Session recorded and shared with learners</li> <li>• Daily life</li> <li>• PPT</li> <li>• Video</li> </ul>
<p><b>GEOGRAPHY</b></p> <p><b>UNIT: Population Dynamics</b></p> <p><b>LESSON : Population Growth</b></p>	<ul style="list-style-type: none"> <li>• Causes and consequences of the rapid increase in the world's population</li> </ul>	<ul style="list-style-type: none"> <li>• Describe and give reasons for the rapid increase in the world's population</li> </ul>	<ul style="list-style-type: none"> <li>• Quiz</li> <li>• PPT</li> <li>• Real life example</li> </ul>