



LEARNING TRAILS AY 2024-25

GRADE: 8

TERM 2_WEEK 2 (13th January to 17th January 2025)

ENGLISH	MATHEMATICS
<p><u>Topics:</u></p> <ol style="list-style-type: none">1. Writing: Report Writing (2 days)2. Reading: Unsolved Mysteries (S.B. 115)3. Cambridge Listening Practice4. Literary Devices: Hyperbole & Understatement <p><u>Learning Objectives:</u></p> <ol style="list-style-type: none">1. Analyze the Cambridge structure of report writing.2. Create a well-structured report.3. Evaluate the speaker's tone, purpose, and key arguments to determine the underlying message in complex audio texts.4. Create examples of hyperbole and understatement to demonstrate their impact on tone and meaning in writing. <p><u>Resources needed:</u> Smart Board, White Board, Student's Book, Laptop, Worksheets.</p> <p><u>Homework/Assignments:</u></p> <ol style="list-style-type: none">1. Draft an outline for a report.2. Write a report on a specified topic.3. BBC Listening Practice4. Application of literary devices (Writing exercise)	<p><u>Topics:</u></p> <p>Fractions and Percentages (Percentage changes) Straight Line graphs</p> <p><u>Learning Objectives:</u></p> <p>To calculate Percentage increase percentage decrease identify the equation of a line</p> <ul style="list-style-type: none">•To define the Cartesian plane.•To identify the x-axis, the y-axis, the origin, ordered pair or coordinates•Plotting a line from its equation•Recognizes the general for equation of a straight line. <p><u>Resources needed:</u> Smart Board, White Board, Student's Book, Laptop, Worksheets.</p> <p><u>Homework/Assignments:</u></p> <ul style="list-style-type: none">• QOD• Weekly Test• Weekly Assignment• Daily homework• ATS worksheets



ADVANCED ARABIC	GENERAL ARABIC
<p>Topics: <u>سيرة الشاعر راشد الخضر</u></p> <p>Learning Objectives: <u>يحدد الأحداث التي تطور الحبكة موضحا كيف يفسر كل حدث الأفعال الماضية أو المستقبلية للشخصيات في النص الأدبي</u> <u>يتتبع السرد والوصف والحوار في القصص التي يقرأها موضحا وظائفها</u> <u>يفسر كلمات النص الأدبي مستنتجا الدلالات التعبيرية الإيحائية فيه</u></p> <p>Resources needed: <u>الكتاب المدرسي - العرض التقديمي - أنشطة تعليمية</u></p> <p>Homework/Assignments: <u>حل أسئلة الكتاب المدرسي - كتابة موضوع تعبير</u></p>	<p>Topics: الزراعة</p> <p>Learning Objectives: <u>أن يتعرف الطالب المفردات الجديدة</u> <u>أن يحدد الطالب الفكرة الرئيسية والأفكار الفرعية</u> <u>أن يذكر الطالب أهمية المنتجات العضوية</u></p> <p>Resources needed: <u>الكتاب المدرسي - بوربوينت - أنشطة تعليمية صافية</u></p> <p>Homework/Assignments: <u>كتابة فقرة عن أهمية الزراعة</u></p>
PHYSICS	BIOLOGY
<p>Topics: Magnetic field</p> <p>Learning Objectives: Define what a magnetic field is and identify its properties. 2. Explain the relationship between magnetic fields and magnetic forces. 3. Draw magnetic field lines around a bar magnet using compass</p> <p>Resources needed: Bar magnet, compass, paper, pencil</p> <p>Homework/Assignments: In the context of the United Arab Emirates, do a research on the significance of the Earth's magnetic field for navigation and the historical importance of magnetic compasses in desert exploration and maritime activities.</p>	<p>Topics: <ul style="list-style-type: none">Human heart structure</p> <p>Learning Objectives: <ul style="list-style-type: none">Explain internal and external structure of the human heartIdentification of main parts of human heartFunction of each partSystemic and pulmonary circulation</p> <p>Resources needed: <ul style="list-style-type: none">Smart BoardStudent's BookLaptopPower point presentationWorksheets.</p> <p>Homework/Assignments: <ul style="list-style-type: none">Topic related internet research</p>



CHEMISTRY	FRENCH
<p>Topics:</p> <p>5. Periodic table and Structure of Atom</p> <p>Learning Objectives:</p> <ul style="list-style-type: none">Describe the structure of atomInvestigate the contributions of scientists in the discovery of structure of atom <p>Resources needed:</p> <p>PhET Interactive Simulations, ppt, videos</p> <p>Homework/Assignments:</p> <p>Research the key contributions of scientists to the discovery of the atomic structure.</p> <ul style="list-style-type: none">What were the key experiments conducted by each scientist?How did their discoveries change our understanding of the atom?How do their models compare with the current atomic model?	<p>Topics:</p> <p>La famille Les animaux domestiques.</p> <p>Learning Objectives:</p> <p>Identifier les vocabularies sur la famille. Conjuguer les verbes avoir et être au présent. Parler sur leur famille. Decrire les animaux.</p> <p>Resources needed:</p> <ul style="list-style-type: none">Power PointAudio Power point intégréVideo Power point intégrée.Enseignement en direct. <p>Homework/Assignments:</p> <p>Ecrivez sur ton préférée animal.</p>
ISLAMIC ARABIC	ISLAMIC STUDIES
<p>Topics:</p> <p>تابع درس قصة مؤمن آل يس (سورة يس) 20 – 32</p> <p>Learning Objectives:</p> <p>أن يتعرف الطالب على اسباب نزول الآيات أن يوضح الطالب موقف أهل القرية من دعوة الرجل الصالح . أن يستنتج الطالب عاقبة المؤمن بالله تعالى والمُكذّب به.</p> <p>Resources needed:</p> <p>الكتاب المدرسي الشبكة العنكبوتية العرض التقديمي السيبورة الإلكترونية</p>	<p>Topics:</p> <p>The Story of the Believer of Al-Yaseen</p> <p>Learning Objectives:</p> <ul style="list-style-type: none">For the student to learn the reasons for the revelation of the verses.For the student to explain the stance of the people of the village towards the call of the righteous man. <p>Resources needed:</p> <ul style="list-style-type: none">TextbookInternetPresentation slides



<p>القرآن الكريم</p> <p>Homework/Assignments:</p> <p>مراجعة العرض التقديمي للدرس</p> <p>حل أنشطة الكتاب المدرسي</p>	<ul style="list-style-type: none">Interactive whiteboardThe Holy Quran <p>Homework/Assignments:</p> <p>Solve the students activities</p>
<p style="text-align: center;">URDU</p>	<p style="text-align: center;">PAKISTAN STUDIES</p>
<p>Topics:</p> <p>جمله سے جمله بنانا زمانے تبدیل کرنا</p> <p>Learning Objectives:</p> <p>دی گئی ہدایت کے مطابق جمله تبدیل کرنا</p> <p>Resources needed:</p> <p>کتاب ۲ مارکر ڈیجیٹل بورڈ کاپی۔</p> <p>Homework/Assignments:</p> <p>جماعت میں ٹیچر سے دنے گئے صفحات مکمل کرنا۔ کلاس ٹ</p>	<p>Topics:</p> <p>Unit 07 (Agricultural Development)</p> <p>Learning Objectives:</p> <ol style="list-style-type: none">Introduction to and Types of Agriculture in PakistanUnderstand the significance of livestock farming in Pakistan.Agricultural products in Pakistan and their importance for the economy and food security <p>Resources needed:</p> <p>Textbook, PPT Slides, Board and Projector</p> <p>Homework/Assignments:</p> <ul style="list-style-type: none">Read the related pages of Chapter 7.Watch a documentary on Pakistan Agricultural sector and food security
<p style="text-align: center;">ICT</p>	<p style="text-align: center;">HISTORY & GEOGRAPHY</p>
<p>Topics:</p> <p>Conditional statements</p> <p>Learning Objectives:</p> <ol style="list-style-type: none">Understand the concept of conditional statements and their role in programming.Differentiate between different types of conditional statements, including if statements and if-else statementsApply basic conditional statements in Python to control the flow of a program based on specific conditions. <p>Resources needed:</p> <ul style="list-style-type: none">Projector/SmartboardLaptopWorksheet	<p>Topics:</p> <p>Germany after world war 1</p> <p>Learning Objectives:</p> <p>To understand the political, economic, and social impacts on Germany after World War I, including the Treaty of Versailles' consequences.</p> <p>Resources needed:</p> <p>PPTS Videos Worksheets</p> <p>Homework/Assignments:</p>



<ul style="list-style-type: none"> • Video/s <p>Homework/Assignments: You are given two variables, $x = 10$ and $y = 3$. Write a Python program to determine if x is divisible by y using a single line of code.</p>	<p>Conduct online research to compare and analyze the changes in Germany's map before and after World War I.</p>
<p>MORAL, SOCIAL AND CULTURAL STUDIES</p>	<p>UAE ARABIC</p>
<p>Topics: The Land and Physical Geography of North America</p> <p>Learning Objectives: To Identify the various physical Features of the continent of North America</p> <p>Resources needed: Textbook Activities Maps Videos</p> <p>Homework/Assignments: In the map find out the number of Countries located in the continent of North America</p>	<p>Topic الوحدة: تاريخنا حاضر الدرس: الحضارة العربية الإسلامية</p> <p>Learning Objectives: <u>يناقش دور الشباب في التنمية و البناء</u></p> <p>Resources needed: العرض التقديمي - الكتاب المدرسي - أنشطة تعليمية</p> <p>Homework/Assignments: بحث حول عوامل ازدهار الحضارة العربية الإسلامية</p>
<p>ART</p>	
<p>Topics: Tree with Textures</p> <p>Learning Objectives: Students will learn to draw a tree with detailed textures by observing bark patterns, leaf structures, and shadows, enhancing realism in their artwork.</p> <p>Resources needed:</p> <p>- Sketching paper - Pencils (HB, 2B, 4B) - Erasers - Blending tools (tissues or blending stumps) - Reference images of trees (or outdoor observation, if possible)</p>	