



LEARNING TRAILS AY 2024-25

GRADE: 8

TERM 2_WEEK 4 (27th January to 31st January 2025)

ENGLISH	MATHEMATICS
<p>Topics:</p> <ol style="list-style-type: none"> Unsolved Mysteries (S.B. 115) Reported Speech (Say and Tell) GL 11+ Topic (Spellings) GL 11+ Topic (Grammar) GL 11+ Reading Comprehension <p>Learning Objectives:</p> <ol style="list-style-type: none"> Students will analyze "Unsolved Mysteries" to evaluate events and formulate their own theories. Students will distinguish between the use of "say" and "tell" in reported speech and apply them accurately in sentences. Evaluate and identify complex spelling patterns in context, apply rules to correct misspellings, and create a personalized strategy to master challenging words. Analyze sentence structures to identify grammatical errors, apply advanced grammatical rules to improve writing, and construct grammatically accurate sentences in varied contexts. Critically evaluate the author's purpose and tone, synthesize information from multiple paragraphs to draw inferences, and formulate well-reasoned conclusions supported by textual evidence <p>Resources needed: Smart board, White Board, Laptop, PPT, Markers</p> <p>Homework/Assignments: Speak Progress, Read progress, MS Forms</p>	<p>Topics:</p> <p>Equation of straight Line: (remaining portion) Simultaneous Equations</p> <p>Learning Objectives:</p> <p>To find the gradient of any line or between any two points To form equations To solve Equations with two unknown quantities elimination method (Only fractions for the solution) To solve simultaneous equations graphically.</p> <p>Resources needed: Smart boards, whiteboards, ppts, textbooks.</p> <p>Homework/Assignments: QOD Weekly Assignments Weekly test ATS Worksheets</p>



ADVANCED ARABIC	GENERAL ARABIC
<p>Topics: <u>أدوات نصب الفعل المضارع</u></p> <p>Learning Objectives: <u>أن يتعرف المتعلم أدوات نصب الفعل المضارع</u> <u>أن يميز الفعل المضارع في حالة الرفع وحالة النصب</u> <u>أن يوظف أدوات نصب الفعل المضارع في جمل من إنشائه</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: الغابات</p> <p>Learning Objectives: <u>أن يتعرف الطالب المفردات الجديدة</u> <u>أن يحدد الأفكار الرئيسية والفرعية للنص</u> <u>أن يذكر الطالب فوائد وجود الغابات</u></p> <p>Resources needed: <u>الكتاب المدرسي بوربوينت أنشطة تعليمية</u></p> <p>Homework/Assignments: <u>أن يكتب الطالب فقرة عن أضرار إزالة الغابات</u></p>
PHYSICS	BIOLOGY
<p>Topics: 11.4 Uses of Electromagnets</p> <p>Learning Objectives: Identify and describe different applications of electromagnets. 2. Explain how electromagnets are used in various technologies. 3. Understand the benefits and limitations of using electromagnets in different contexts.</p> <p>Resources needed: PPT, https://www.youtube.com/watch?v=Nb25_foS9Mga</p> <p>Homework/Assignments: Research work How do advancements in electromagnet technology contribute to improving energy efficiency, sustainability, and the overall quality of life in the UAE?</p>	<p>Topics: <ul style="list-style-type: none">Smoking, food and fitness</p> <p>Learning Objectives: <ul style="list-style-type: none">Explain how does smoking's harms othersWhat are some ways to discourage smoking?What is fitnessHow does diet affect fitness?Describe how does blood circulate around the human body</p> <p>Resources needed: <ul style="list-style-type: none">Power point presentationTextbookWorksheet/workbookLaptopworkbook</p> <p>Homework/Assignments: <ul style="list-style-type: none">Workbook 2-page number 15</p>



	<ul style="list-style-type: none">• Topic related worksheet uploaded on MS teams
CHEMISTRY	FRENCH
<p>Topics: 5. Periodic Table And Structure of Atom 5.2 Periodic Table</p> <p>Learning Objectives:</p> <p>O Identify elements in the periodic table in increasing order of atomic number</p> <p>O Locate the elements in the periodic table</p> <p>Resources needed: Video, ppt, worksheet</p> <p>Homework/Assignments:</p> <ul style="list-style-type: none">• Use a periodic table (provided in your textbook or online) to locate the following elements:• Carbon (C)• Oxygen (O)• Sodium (Na)• Chlorine (Cl)• Calcium (Ca)• Write down:• Their group and period number.• Whether they are metals, non-metals, or metalloids.	<p>Topics: La routine quotidienne les verbes pronominaux</p> <p>Learning Objectives: Connaitre les activites quotidienne. Decrire leur jour. Se présenter et parler de leurs activités quotidiennes. Conjugateur les verbes pronominaux au present. Connaitre la difference entre les verbes pronominaux et les les verbes d'infinitife.</p> <p>Resources needed:</p> <ul style="list-style-type: none">• Power Point• Audio Power point intégré• Video Power point intégrée.• Enseignement en direct.• * Session enregistrée et partagées avec les apprenants.• * Fiche de travail pratique• * Outil de discussion.• * Affectation et grille. <p>Homework/Assignments:</p> <ul style="list-style-type: none">• Écrire un paragraphe sur votre routine quotidienne en français, incluant au moins 5 verbes pronominaux.• Ecrivez 6 sentences en utilisant les verbes pronominaux au présent
ISLAMIC ARABIC	ISLAMIC STUDIES
<p>Topics: أحكام العُمرة</p> <p>Learning Objectives:</p> <ul style="list-style-type: none">• أن يوضح الطالب مفهوم العمرة• أن يُبين الطالب فضل العُمرة	<p>Topics: Rulings of Umrah</p> <p>Learning Objectives:</p> <ul style="list-style-type: none">• The student will explain the concept of Umrah.



<ul style="list-style-type: none">• أن يستنتج الطالب كيفية أداء مناسك العمرة و الأحكام المتعلقة بها. <p>Resources needed:</p> <ul style="list-style-type: none">• الكتاب المدرسي• العرض التقديمي• السبورة الذكية• الانترنت• الجهاز اللوحي• مُجسم للكعبة الشريفة <p>Homework/Assignments:</p> <ul style="list-style-type: none">• مُراجعة العرض التقديمي للدرس• عمل مخطط ذهني لمناسك العمرة• حل أنشطة الطالب بالكتاب المدرسي	<ul style="list-style-type: none">• The student will highlight the virtues of Umrah.• The student will deduce how to perform the rituals of Umrah and the rulings related to them. <p>Resources needed:</p> <ul style="list-style-type: none">• Textbook• Presentation slides• Smartboard• Internet access• Tablet device• Model of the Kaaba <p>Homework/Assignments:</p> <ul style="list-style-type: none">• Review the presentation slides of the lesson.• Create a mind map of the rituals of Umrah.• Complete the student activities in the textbook.
<p style="text-align: center;">URDU</p>	<p style="text-align: center;">PAKISTAN STUDIES</p>
<p>Topics:</p> <p>مضمون نگاری</p> <p>Learning Objectives:</p> <p>صحیح متن کی ساخت، لکھنے کی مہارت جیسے ہجے، رموز اوقاف استعمال کرنے کے قابل ہونا چاہئے</p> <ul style="list-style-type: none">• مخصوص موضوعات پر اظہار خیال کرتے ہوئے جامع تحریر قلمبند کرنا۔ <p>Resources needed:</p> <p>کتاب-۲. لپ ٹاپ. ڈیجیٹل بورڈ۔</p> <p>Homework/Assignments:</p> <p>صفحہ ۱۴۵-۱۵۴-۱۵۳ کلاس ٹیسٹ</p>	<p>Topics:</p> <p>Chap 9: WW2 in relation to India and 'Quit India' Movement The Pakistan Resolution 1940 The Cripps Mission, 1942</p> <p>Learning Objectives:</p> <p>Understand the impacts on WW2 on India & Indian retaliation Learn what shaped Pakistan Resolution Understand Why Cripps Mission came to India</p> <p>Resources needed:</p> <p>Projector, Board, Markers, Textbook</p> <p>Homework/Assignments:</p>



	Do online research on decolonization and WW2 for a group discussion
ICT	HISTORY & GEOGRAPHY
<p>Topics: Loops in Python</p> <p>Learning Objectives:</p> <ol style="list-style-type: none">1. Analyze the concept of conditional loops and their role in programming.2. Differentiate between definite and indefinite loops.3. Apply basic looping 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/Smartboard• Laptop• Worksheet• Video/s <p>Homework/Assignments:</p>	<p>Topics: The Rise of Hitler in Germany and its Impacts</p> <p>Learning Objectives: Analyze the rise of Hitler in Germany, examining key events, ideologies, and impacts on society, politics, and global relations.</p> <p>Resources needed: Ppts Videos Worksheets</p> <p>Homework/Assignments: Research and summarize key events leading to Hitler's rise, highlighting his ideology and its impacts on Germany and the world.</p>
MORAL, SOCIAL AND CULTURAL STUDIES	UAE ARABIC
<p>Topics: Colonial North America</p> <p>Learning Objectives: To understand the development of Colonial North America, focusing on settlement patterns, cultural diversity, economic systems.</p> <p>Resources needed: Ppts Videos Textbook Activities</p> <p>Homework/Assignments: Create a detailed map of Colonial North America, highlighting major colonies, trade routes, and</p>	<p>Topics: الوحدة :إفاق مستقبلية: الدرس: من سفينة الصحراء الى مسبار الامل</p> <p>Learning Objectives: يقارن بين النقل و المواصلات في مجتمع الامارات قبل قيام الاتحاد و بعده</p> <p>Resources needed:</p> <ul style="list-style-type: none">• الكتاب المدرسي• العرض التقديمي• السبورة الذكية• أنشطة صفية <p>Homework/Assignments: بحث حول وسائل النقل قديما و حديثا في دولة الامارات العربية المتحدة او في العالم</p>



interactions with Indigenous peoples. Include explanations.

ART

Topics: Vehicles -Andy Warhol

Learning Objectives:

Students will produce a detailed drawing of a vehicle that captures its design and proportions accurately.

Resources needed:

Drawing Book

Pencil & Eraser

Colours