



LEARNING TRAILS AY 2024-25

GRADE: 8

TERM 2_WEEK 3 (20th January to 24th January 2025)

| ENGLISH | MATHEMATICS |
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| <p>Topics:</p> <ol style="list-style-type: none"> 1. Reading: Unsolved Mysteries (S.B. 115) 2. Literary Devices: Hyperbole & Understatement 3. Reported Speech (Say and Tell) 4. Public Speaking Practice (Topic :Renewable energy sources)(2 days) <p>Learning Objectives:</p> <ol style="list-style-type: none"> 1. Students will analyze "Unsolved Mysteries" to evaluate events and formulate their own theories. 2. <i>Create examples of hyperbole and understatement to demonstrate their impact on tone and meaning in writing.</i> 3. <i>Students will distinguish between the use of "say" and "tell" in reported speech and apply them accurately in sentences.</i> 4. <i>Students will research renewable energy sources, organize key points, and deliver a persuasive speech with clarity and confidence.</i> <p>Resources needed: Smart Board, White Board, marker, laptop, worksheets, student's book</p> <p>Homework/Assignments: BBC listening, Reading Comprehension (MS Forms), Speak Progress</p> | <p>Topics: Straight Line Graphs</p> <p>Learning Objectives:</p> <p><u>identify the equation of a line</u></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>Resources needed: PPT, Worksheet, ATS worksheet, Smart boards, White board</p> <p>Homework/Assignments:</p> <p>QOD Weekly Test Weekly Assignment Daily Homework</p> |



| ADVANCED ARABIC | GENERAL ARABIC |
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| <p>Topics: <u>سيرة ذاتية : راشد الخضر</u></p> <p>Learning Objectives: <u>أن يكتب المتعلم بطاقة تعريفية للشاعر راشد الخضر</u> <u>أن يوضح الدلالات التعبيرية الواردة في النص</u> <u>أن يكتب مجموعة من الصفات التي يتصف بها الشاعر راشد الخضر</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: <u>الغابات</u></p> <p>Learning Objectives: <u>أن يتعرف الطالب المفردات الجديدة</u> <u>أن يذكر الطالب موضوع الحوار</u> <u>أن يستخرج الطالب بعض المهارات النحوية من الدرس</u></p> <p>Resources needed: <u>الكتاب المدرسي دفتر الطالب أنشطة صفية تعليمية</u> <u>بوربوينت</u></p> <p>Homework/Assignments: <u>كتابة فقرة عن تأثير التغير المناخي وحرائق الغابات على</u> <u>العالم</u></p> |
| PHYSICS | BIOLOGY |
| <p>Topics: 11.2 Magnetic field</p> <p>Learning Objectives: Define what a magnetic field is and identify its properties. Explain the relationship between magnetic fields and magnetic forces. Understand the concept of magnetic field lines and their representation.</p> <p>Resources needed: Bar magnet, iron fillings, A4 size paper ,PPT</p> <p>Homework/Assignments: Do a research work</p> <ul style="list-style-type: none">Investigate how the Earth's core generates the magnetic field (geodynamo effect).Explore the impact of the magnetic field on navigation tools like compasses. | <p>Topics: The Human blood circulatory system</p> <p>Learning Objectives:</p> <ul style="list-style-type: none"><u>Describe how blood circulates around the body.</u><u>Effects of smoking on others</u><u>What are other ways to discourage smoking</u><u>Diet and fitness</u> <p>Resources needed: Ppt, worksheet, video,</p> <p>Homework/Assignments: Topic related internet research. Textbook –2 pg no 11-14</p> |



| CHEMISTRY | FRENCH |
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| <p>Topics: 5. Structure of atom 5.1 Learning Objectives: -Describe Rutherford scattering Experiment -Compare the Thomson model with gold foil experiment</p> <p>Resources needed: Ppt, worksheet, video https://youtu.be/TbAa9K41PVM?si=eb02tauHmlyx_Vxw</p> <p>Homework/Assignments: -Investigate the drawbacks of Rutherford scattering Experiment -Draw the conclusion for the experiment</p> | <p>Topics: L'activité quotidienne</p> <p>Learning Objectives: Connaitre les activites quotidienne. Dire leur activite quotidienne. Se présenter et parler de leurs activités quotidiennes.</p> <p>Resources needed:</p> <ul style="list-style-type: none">• Power Point• Audio Power point intégré• Video Power point intégrée.• Enseignement en direct. <p>Homework/Assignments: Écrivez un court paragraphe pour décrire ta routine en français.</p> |
| ISLAMIC ARABIC | ISLAMIC STUDIES |
| <p>Topics: (أقدم بيوت الله تعالى) حديث شريف</p> <p>Learning Objectives: . أن يقرأ الطالب الحديث الشريف قراءة صحيحة . أن يتعرف الطالب على معاني الكلمات الواردة في الحديث . أن يستنتج الطالب فضائل المساجد الثلاثة</p> <p>Resources needed: السبورة الذكية الكتاب المدرسي الشبكة العنكبوتية العرض التقديمي أوراق عمل</p> <p>Homework/Assignments: حل أنشطة الكتاب المدرسي حفظ الحديث الشريف</p> | <p>Topics: Upholding the Sanctity of the Three Holiest Mosques</p> <p>Learning Objectives: Recognize the significance of the three holiest mosques in Islam (Masjid al-Haram, Masjid an-Nabawi, and Masjid al-Aqsa).</p> <p>Demonstrate an understanding of how to uphold and respect the sanctity of these mosques in daily life.</p> <p>Resources needed: Video Presentation: A short video highlighting the history and significance of the three holy mosques.</p> |



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| <p>مراجعة العرض التقديمي للدرس</p> | <p>Handout: A worksheet summarizing key facts and etiquettes related to the three mosques.</p> <p>Homework/Assignments: Write a one-page reflection on the importance of upholding the sanctity of the three holiest mosques and how this connects to your daily actions and behaviors.</p> |
| <p style="text-align: center;">URDU</p> | <p style="text-align: center;">PAKISTAN STUDIES</p> |
| <p>Topics: cloze passage خالی جگہ پر کریں</p> <p>Learning Objectives:</p> <ul style="list-style-type: none">• -• عبارت کو پڑھ کر مناسب لفظ کی مدد سے پیراگراف مکمل کرنا۔• مکمل عبارت جوابات کے ساتھ پڑھنا <p>Resources needed:</p> <ul style="list-style-type: none">• کتاب۔ پی پی ٹی مارکر ڈیجٹل بورڈ ۲ <p>Homework/Assignments: جماعت میں دئے گئے صفحات مکمل کرنا کلاس ٹیسٹ</p> | <p>Topics:</p> <ol style="list-style-type: none">1. Agricultural products in Pakistan and their importance for the economy and food security.2. How climate change and governmental lack of interest affects the sector <p>Learning Objectives: Understand how agriculture is affected by climate change such as floods, draughts etc. Is the government doing enough to support the sector. What should be the way forward?</p> <p>Resources needed: Textbook, PPT Slides, Maps, Board and Projector</p> <p>Homework/Assignments: Textbook, PPT Slides, Maps, Board and Projector</p> |
| <p style="text-align: center;">ICT</p> | <p style="text-align: center;">HISTORY & GEOGRAPHY</p> |
| <p>Topics: Conditional statement(Nested if)</p> <p>Learning Objectives: To define nested if conditional statement To write programs using nested if</p> <p>Resources needed:</p> <ul style="list-style-type: none">• Projector/Smartboard• Laptop• Worksheet <p>Video/s</p> <p>Homework/Assignments:</p> | <p>Topics: Agriculture/Farming, and its factors.</p> <p>Learning Objectives: To analyze and understand Agriculture and its relevance and the various factors involved in it.</p> <p>Resources needed: PPTS Videos Worksheets</p> <p>Homework/Assignments:</p> |



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| Write a program to check whether is given number is positive or negative | List and explain any five factors affecting agriculture, such as climate, soil, technology, labor, and government policies. |
| MORAL, SOCIAL AND CULTURAL STUDIES | UAE ARABIC |
| <p>Topics:</p> <p>The Indigenous people of North America</p> <p>Learning Objectives:</p> <p>Understand the culture, traditions, lifestyles, and challenges faced by the Indigenous peoples of North America.</p> <p>Resources needed:</p> <p>PPTS Videos Textbook Activities</p> <p>Homework/Assignments:</p> <p>Research and describe the cultural practices, traditional livelihoods, and current challenges faced by one Indigenous group in North America.</p> | <p>Topics:</p> <p><u>الدرس : الامارات من سفينة الصحراء الى مسبار الامل</u></p> <p>Learning Objectives:</p> <p><u>يقارن بين النقل و المواصلات في مجتمع الامارات قبل الاتحاد و بعده</u></p> <p>Resources needed:</p> <p>الكتاب المدرسي الشبكة العنكبوتية العرض التقديمي أوراق عمل</p> <p>Homework/Assignments:</p> <p>بحث في وسائل النقل قديما و حديثا في دولة الامارات</p> |
| ART | |
| <p>Topics: Vehicles -Andy Warhol</p> <p>Learning Objectives: Students will produce a detailed drawing of a vehicle that captures its design and proportions accurately.</p> <p>Resources needed:</p> <p>Drawing Book Pencil & Eraser Colours</p> | |