



LEARNING TRAILS AY 2026-27

YEAR: 9

TERM 1_WEEK 5(Sep 28th -2nd Oct , 2026)

ENGLISH	MATHEMATICS
<u>Topics:</u> Student's, Student Book Activity Page 51, IGCSE Cambridge model Listening Tasks IGCSE Model Reading Comprehension Writing-Review Writing (appropriate language features, cohesive devices) <u>Learning Objectives:</u> Students will complete Page 51 activities, apply key language skills accurately, and demonstrate understanding through contextualized tasks. Students will identify key information, specific details, and speaker attitudes while completing Cambridge-style IGCSE listening tasks accurately. Students will analyze a Cambridge-style text, identify key ideas, supporting details, vocabulary, and implied meanings accurately. Students will use appropriate language features, cohesive devices, and evaluative expressions to structure an effective review. <u>Resources needed:</u> Notebooks, Stationaries, Worksheets, PPTs <u>Homework/Assignments:</u> Review Writing Tasks.	<u>Topics:</u> Substitute values into formulas, Rearrange simple formulas <u>Learning Objectives:</u> •To use algebra to generalize the structure of arithmetic, including to formulate mathematical relationships Multiplying a single term over a bracket. •To substitute numbers into formulas •To find a formula for the nth term of a sequence •To form equations, simplify expressions with brackets •To multiply a single term over a bracket •To find the square root of given number. •To square binomial expressions $(a \pm b)^2$, $(a - b)(a+b)$ •To factorize polynomials <u>Resources needed:</u> Smart board, whiteboard, Textbook, marker, ATS worksheets <u>Homework/Assignments:</u> Weekly test Weekly Assignment Daily Home work(2-3 questions daily)



ADVANCED ARABIC	GENERAL ARABIC
Topics: (درس) الحال Learning Objectives: 1. أن يعرف المتعلم الحال 2. أن يحدد المتعلم أنواع الحال 3. أن يعرب المتعلم الحال المفرد 4. أن يكتب المتعلم جملاً تشتمل على الحال المفرد 5. أن يفرق المتعلم بين أنواع الحال 6. أن يوظف المتعلم الحال بأنواعه في مواقف حياتية Resources needed: الكتاب المدرسي - الدفتر - السبورة الذكية - البوربينت - البطاقات التفاعلية Homework/Assignments: اعقد مقارنة بين مخاطر الإنترنت وإيجابياته مستشهداً على ما توردته بالأدلة والبراهين على أن توظف الحال بأنواعه في كتابتك . -	Topics: التسامح Learning Objectives: • أن يقرأ الطالب النص قراءة صحيحة • أن يتعرف الطالب المفردات الجديدة في النص • أن يحدد الطالب الفكرة العامة للنص • أن يستخرج الطالب معلومات بسيطة من النص • أن يجيب الطالب عن أسئلة مباشرة حول النص • أن يذكر الطالب بعض صور التسامح • أن يكتب الطالب جملاً بسيطة عن التسامح واحترام الآخرين Resources needed: الكتاب المدرسي - بوربينت - صور عن التسامح - بطاقات كلمات - دفتر الطالب Homework/Assignments: حل أنشطة الكتاب المدرسي - حل ورقة العمل الخاصة بالدرس - كتابة 3 جمل عن التسامح واحترام الآخرين
PHYSICS	BIOLOGY
Topics: 12.2 Series circuit Learning Objectives: • To know about series circuit. • Describe how current and voltage behave in each type of circuit. Resources needed: PPT, video Homework/Assignments: Refer to worksheet	Topics: Diet and Growth - Nutrients in food Learning Objectives: a. List the different types of nutrients and their functions. b. Identify the major types of nutrients (carbohydrates, proteins, fats, vitamins, minerals) and explain their functions. Resources needed: Resources will be provided Homework/Assignments: Worksheets, quizzes



CHEMISTRY	FRENCH
Topics: Atomic Structure — subatomic particles, atomic number and mass number Learning Objectives: - Describe the structure of the atom (a central nucleus containing protons and neutrons, with electrons arranged in shells), and state the relative charges and relative masses of protons, neutrons and electrons - Define atomic number as the number of protons and mass number as the number of protons plus neutrons, and calculate the number of protons, neutrons and electrons in an atom from its atomic and mass numbers Resources needed: Chemistry coursebook , atom/shell diagram templates, subatomic particle charge-and-mass reference chart, Smart board, ppt., set of atomic numbermass number practice cards for calculation drills Homework/Assignments: For a given element (stated atomic number and mass number): (a) draw a labelled diagram of the atom showing the nucleus and electron shells; (b) state the number of protons, neutrons and electrons present; (c) complete a table giving the relative charge and relative mass of a proton, neutron and electron.	Topics: LA DESCRIPTION PHYSIQUE Décrire une personne Learning Objectives: Identifier et utiliser le vocabulaire lié à la description physique : <i>grand(e), petit(e), mince, gros(se), jeune, âgé(e), beau/belle, cheveux, yeux</i>, etc. Décrire une personne à l'oral et à l'écrit en utilisant des phrases simples et correctes, par exemple : <i>Elle est grande. Elle a les cheveux longs et les yeux bruns.</i> Resources needed: - Présentation PowerPoint interactive - Tableau interactif / Smartboard - Images de personnes et personnages - Fiches d'activités - Cartes de vocabulaire - Quiz interactif / Kahoot / Quizizz - Cahier de français Homework/Assignments: - Compléter la fiche d'exercices sur la description physique. - Écrire 5 à 6 phrases pour décrire une personne de son choix. - Dessiner ou choisir un personnage et rédiger une courte description physique en français.



ISLAMIC ARABIC	ISLAMIC STUDIES
Topics: تابع درس أحكام المد Learning Objectives: • أن يعرف الطالب المد ويذكر حروفه. • أن يميز الطالب بين المد الأصلي والمد الفرعي. • أن يحدد الطالب مواضع المد في الآيات القرآنية. Resources needed: • الكتاب المدرسي. • المصحف الشريف. • السبورة والعرض التقديمي. • أمثلة قرآنية على أحكام المد. • بطاقات تعليمية وتدريبات تطبيقية. • ورقة عمل. Homework/Assignments: • حل أنشطة الكتاب المدرسي الخاصة بالدرس. • استخراج أمثلة على أحكام المد من الآيات المحددة في الكتاب. • التدرب على قراءة الأمثلة القرآنية مع تطبيق أحكام المد.	Topics: Actions are Judged only by Intentions Learning Objectives: • Students will be able to recite the Hadith correctly. • Students will be able to explain the meaning and key vocabulary of the Hadith. • Students will be able to explain the importance of sincere intention (Niyyah) in Islam. • Students will be able to apply good intentions to real-life situations. Resources needed: • Islamic Education textbook. • Text of the Hadith. • Qur'an and Hadith references. • Whiteboard and PowerPoint presentation. • Scenario/activity cards. • Worksheet and application questions. • Short educational video. Homework/Assignments: • Memorize the Hadith "Actions Are Judged Only by Intentions" and prepare for recitation. • Complete the textbook activities related to the lesson. • Write two examples of daily actions that become rewarding through a sincere intention.



URDU	PAKISTAN STUDIES
Topics: بے ترتیب جملوں کا درست پیراگراف سے ملانا Learning Objectives: بے ترتیب جملوں کا درست پیراگراف سے ملانا Resources needed: لیپ ٹاپ پی پی ٹی کتاب - ۱ Homework/Assignments: عبارت کی پڑھائی	Topics: Transportation and Communication in Pakistan Learning Objectives: To access the importance of Road, Air and Sea Transport of Pakistan Resources needed: PPT, Copybooks, Textbooks Homework/Assignments: Identify the various transportation network spots on Pakistan Map
ICT	HUMANITIES
Topics: - Wearable technologies, - AI-Two Outputs, One Verdict - LAB- Creating a database Learning Objectives: - To analyse different wearable technologies to determine how their features address specific real-world needs. - evaluate two AI outputs by comparing their accuracy, usefulness, and effectiveness. - Create a database for a School Library and create a table with appropriate fields and data types. Resources needed: Notebook, textbook, Task sheet, device Homework/Assignments: Worksheet	Topics: Cultural Identity Learning Objectives: Students begin by understanding the concept of cultural identity and explore how traditions, language, customs, beliefs, values, heritage, and shared experiences shape an individual's and community's sense of identity. Resources Needed: PPTs, textbook, notebook, smartboard, cultural photographs/examples, and white chart paper. Homework/Assignments: Complete the task sheet on Cultural Identity and write a short note explaining how traditions and culture contribute to a person's sense of belonging.



MORAL, SOCIAL AND CULTURAL STUDIES	UAE ARABIC
Topics: Traditional African Art Learning Objectives: Students begin by understanding the main forms and features of traditional African art, including masks, sculptures, textiles, pottery, and beadwork, and explore how art reflects the culture, beliefs, traditions, and daily life of African communities. Resources Needed: PPTs, textbook, notebook, smartboard, images of traditional African art, art samples, and white chart paper. Homework/Assignments: Complete the task sheet on Traditional African Art and write a short note on one form of African art and its cultural significance.	Topics: الدرس الرابع : قضية الجزر الإماراتية Learning Objectives: • يناقش قضية الاحتلال الإيراني للجزر الإماراتية الثلاث. • يقدم أدلة تؤكد عروبة الجزر الإماراتية الثلاث. Resources needed: <u>الكتاب المدرسي</u> <u>الأنشطة الصفية</u> <u>البوربوينت</u> Homework/Assignments: إذا طلب منك أحد الأشخاص دليلاً يؤكد عروبة الجزر الإماراتية الثلاث المحتلة، فما الأدلة التي ستقدمها لإثبات عروبتها؟ وكيف يمكنك توعية الآخرين بأهمية المحافظة على حقوق دولة الإمارات في جزرها؟
ART	
Topics: Observational artwork Learning Objectives: • Identify and demonstrate different watercolour techniques. • Control the amount of water and pigment. • Experiment with colour blending and texture. • Apply techniques creatively in an artwork.	



Resources needed:

Watercolour paints, watercolour paper, brushes, palette, water container, pencil, eraser, tissue.

Homework/Assignments: