LEARNING TRAILS AY 2026-27

YEAR: 9 **TERM 1_WEEK 9(Nov 2nd – 6th Nov , 2026)**

ENGLISH	MATHEMATICS
Topics: Writing Task - Informal Emails Listening Task-IGCSE Model Reading – Light Sail platform **Learning Objectives:** To write informal email Using correct structure And appropriate tone To develop listening Skills by identifying Key information and Specific details To enhance reading Comprehension and Vocabulary and identify Main ideas **Resources needed:** • Notebooks • Worksheets • Tabs • Poer Points **Homework/Assignments:** **Task Sheets**	**Topics:** **Polygons** **Learning Objectives:** **To identify interior and exterior angles of a polygon** **To find the sum of the exterior angles of a polygon** **To find the exterior of a regular polygon** **To find the sum of the interior angles of a polygon** **To deduce the formula for the sum of the interior angles** **To make patterns with regular polygons** **To discover the relationships between the angles at the Centre and circumference of a circle** **To be able to discover the two theorems and apply them individually** **Resources needed:** Smartboard, whiteboard, ppts, worksheets, Textbook **Workbook** **Homework/Assignments:** Daily Homework Weekly Test Weekly Assignment Extended task work for High Achievers Worksheet for slow learners
ADVANCED ARABIC	**GENERAL ARABIC**

Topics: **المسلم أخو المسلم** **Learning Objectives:** • أن يقرأ الطالب الحديث الشريف قراءة جهرية مضبوطة بالشكل ومعبّرة عن المعنى. • أن يوضح الطالب الدلالة اللغوية والسياقية للمفردات والتراكيب: (سَلِمَ، هَجَرَ، مَانَهَى اللهُ عَنْهُ). • أن يستنتج الطالب حقيقة «المسلم الحق» والمفهوم المعنوي لـ «المهاجر» كما بيّنه النبي ﷺ. • أن يحلل الطالب البلاغة النبوية في تقديم أذى اللسان على أذى اليد. • أن يقدم الطالب أمثلة واقعية وممارسات يومية معاصرة لكف الأذى (مثل: اجتناب التنمر، الغيبة، الشائعات، والتعدي الرقمي عبر وسائل التواصل). **Resources needed:** الكتاب المدرسي - دفتر الطالب - السبورة الذكية - العرض التقديمي - منصة ألف **Homework/Assignments:** أن يصوغ الطالب نصاً أو فقرة حجاجية/إقناعية تبرز أثر حفظ اللسان واليد في تماسك المجتمع الإماراتي وأمنه	**Topics:** السعادة **Learning Objectives:** • أن يقرأ الطالب النص قراءة صحيحة. • أن يتعرّف الطالب المفردات الجديدة في النص. • أن يحدّد الطالب الفكرة العامة للنص. • أن يستخرج الطالب معلومات بسيطة من النص. • أن يجيب الطالب عن أسئلة مباشرة حول النص. • أن يذكر الطالب بعض أسباب السعادة. • أن يكتب الطالب جملًا بسيطة عن الأشياء التي تجعله سعيدًا. **Resources needed:** الكتاب المدرسي _ بوربوينت _ صور عن السعادة ومصادرها _ بطاقات كلمات _ دفتر الطالب **Homework/Assignments** حل أنشطة الكتاب المدرسي - حل ورقة العمل الخاصة بالدرس - كتابة 3 جمل بسيطة عن السعادة والأشياء التي تجعل الطالب سعيدًا.
PHYSICS	**BIOLOGY**
Topics: 12.5 Resistance **Learning Objectives:** • **Define resistance and explain how it affects electric current.** • **Understand the relationship between resistance (R), voltage (V), and current (I) using Ohm's Law (V = IR)** • **To know resistors connected in series and parallel and apply formula in calculations** **Resources needed:** PPT, video **Homework/Assignments:**	**Topics:** ❖ Digestion ❖ Human digestive system **Learning Objectives:** ➢ Explain the process of food digestion. ➢ Identify the role of enzymes in digestion and their site of production ➢ Recognize the organs of the alimentary canal and understand their functions. **Resources needed:** Resources will be provided **Homework/Assignments:**

Refer worksheet	Worksheets, quizzes
CHEMISTRY	**FRENCH**
Topics: Chapter 5 – Mixtures and Solutions: 5.1 Pure Substances and Mixtures; 5.2 Separating Mixtures **Learning Objectives:** • Understand that purity describes the amount of a particular substance in a mixture, differentiate between homogeneous and heterogeneous mixtures, and distinguish pure substances from mixtures. • Identify common physical methods used to separate mixtures (filtration, evaporation, distillation, chromatography, centrifugation), describe the principle behind each method and select the appropriate technique for a given mixture **Resources needed:** Year 8 Chemistry book (Chapter 5, section 5.1 and), smart board PPT, samples for observation (salt, sand, sugar, chalk powder, copper sulfate crystals, iron filings, distilled water, tap water, sea water), samples of homogeneous mixtures (salt water, sugar solution, air composition chart) and heterogeneous mixtures (sand and water, oil and water, muddy water) **Homework/Assignments:** a) Explain what "purity" means, and why seawater is not a pure substance. Use boiling point in your answer. b) Is seawater with sand a homogeneous or a heterogeneous mixture? What about filtered seawater? Explain the difference, and give one more example of each type. c) Draw a labelled flowchart to get clean sand, salt crystals and pure water from the seawater.	**Topics:** le participe passé. Le pronom d'objet direct. **Learning Objectives:** • Identifier et former le participe passé des verbes réguliers et irréguliers. • Reconnaître et utiliser les pronoms d'objet direct (COD) : me, te, le, la, l', nous, vous, les. • Remplacer un complément d'objet direct par le pronom approprié dans des phrases simples. • Utiliser les pronoms COD dans des phrases au passé composé. **Resources needed:** • Présentation PowerPoint interactive. • Tableau blanc et marqueurs. • Fiches d'activités différenciées. • Cartes de conjugaison et phrases à compléter. • Jeux interactifs (Wordwall / Kahoot). • Images et supports visuels pour faciliter la compréhension. **Homework/Assignments:** • Transformer dix phrases en remplaçant le complément d'objet direct par le pronom COD approprié. • Écrire cinq phrases au passé composé en utilisant les pronoms COD.

Name each separation method and state the principle it uses. d)Choose the best method to separate the dyes in a black marker pen, red blood cells from plasma, and oil from water. Give a reason for each choice	
ISLAMIC ARABIC	**ISLAMIC STUDIES**
Topics: الإيمان بالقضاء والقدر **Learning Objectives:** • أن يعرّف الطالب الإيمان بالقضاء والقدر. • أن يوضح مراتب الإيمان بالقضاء والقدر. • أن يبيّن أثر الإيمان بالقضاء والقدر في حياة المسلم. • أن يستنتج أهمية الصبر والرضا والتوكل على الله تعالى مع الأخذ بالأسباب. **Resources needed:** • كتاب التربية الإسلامية للصف الثامن. • السبورة والأقلام. • عرض تقديمي توضيحي. • منصة ألف (Alef Platform). • أوراق عمل وأنشطة تعليمية تفاعلية. **Homework/Assignments:** • قراءة درس الإيمان بالقضاء والقدر من الكتاب المدرسي. • حل أنشطة الدرس في الكتاب المدرسي. • حل درس الإيمان بالقضاء والقدر على منصة ألف (Alef Platform). • كتابة مراتب الإيمان بالقضاء والقدر.	**Topics:** Belief in Divine Decree and Predestination (Al-Qada and Al-Qadar) **Learning Objectives:** • Define belief in Divine Decree and Predestination (Al-Qada and Al-Qadar). • Explain the four levels of belief in Divine Decree and Predestination. • Describe the impact of belief in Divine Decree and Predestination on a Muslim's life. • Understand the importance of patience, contentment, and trust in Allah while making the necessary efforts. **Resources Needed:** • Grade 8 Islamic Education textbook. • Whiteboard and markers. • PowerPoint presentation explaining the topic. • Alef Platform. • Worksheets and interactive learning activities.

	Homework/Assignments: - Read the lesson "Belief in Divine Decree and Predestination" from the Islamic Education textbook.
URDU	**PAKISTAN STUDIES**
Topics: • نوٹس بنانا **Learning Objectives:** • عبارت کے خیالات اور آرائ کو سمجھنا • دی گئی سرخیوں کی مدد سے نوٹس بنانا **Resources needed:** لیپ ٹاپ۔پی۔پی ٹی۔کتابب۔۱ ۔ **Homework/Assignments:** عبارت کی پڑھائی۔ کلاس ٹیسٹ۔صفحہ۱۹۴۔۱۸۷أ۔۱۹۴	**Topics:** Allama Iqbal's Allahabad Address **Learning Objectives:** Assessing the role of Muslim League's Allahabad Address in vision for a separate homeland **Resources needed:** Textbook, copybook, PPT **Homework/Assignments:** How ALLAHABAD address's role in Muslim League Plan
ICT	**HUMANITIES**
Topics: Understanding the foreign key, Inside the AI Pipeline **Learning Objectives:** • **To apply foreign-key relationships to link related tables in a database.** • To evaluate how changing one factor affects an AI output and justify the cause using evidence. • LAB: **To create a relationship between two tables using a foreign key in MS Access.** **Resources needed:** Textbook, notebook and task sheet. **Homework/Assignments:** **Progress Test:** Dear students,	**Topics:** What Impact Did Early Islam Have on Architecture? (Progressive Test) **Learning Objectives:** Students reinforce their understanding of the influence of early Islam on architecture, including the development of mosques, domes, arches, minarets, geometric patterns, and calligraphy, while reviewing key concepts and preparing for the progressive test. **Resources Needed:** PPTs, textbook, notebook, smartboard, revision worksheets, pictures of Islamic architectural landmarks, and white chart paper.

Kindly note that the Progress Test will be conducted during one of the ICT classes. Topic: Understanding field datatypes, primary key in MS access	**Homework/Assignments:** Revise the key concepts on early Islamic architecture and prepare for the progressive test (previous topics of history).
MORAL, SOCIAL AND CULTURAL STUDIES	**UAE ARABIC**
Topics: Africa from Colonization **Learning Objectives:** Students begin by understanding the colonization of Africa by European powers, including the causes of colonization, the Scramble for Africa, and the impact of colonial rule on African societies and economies, and the struggles of African nations for independence. **Resources Needed:** PPTs, textbook, notebook, smartboard, historical maps of Africa, pictures, and white chart paper. **Homework/Assignments:** Complete the textbook activities of the colonization of Africa and write a short note on the effects of European colonial rule on African countries.	**Topics:**سكان العالم تركيب السكان و توزيعم **Learning Objectives:** يستنتج العوامل المؤثرة في توزيع السكان **Resources needed:** الكتاب المدرسي العرض التقديمي أنشطة صفية **Homework/Assignments:** بحث في اسباب ازدياد عدد السكان في دولة الإمارات العربية المتحدة و في العالم
ART	
Topics: Family of the Year – Emirati Family **Learning Objectives:** • To develop students' understanding of UAE national identity, Emirati family values, and cultural heritage. • To encourage students to express the importance of family unity, love, and respect through art.	

- To develop creativity and artistic skills using acrylic paints, watercolours, or colour pencils.
- To enhance students' composition, colour application, and drawing skills through an A3-sized artwork.

Resources needed:

- A3-size canvas or drawing sheet
- Acrylic paints or watercolours
- Colour pencils
- Printouts of reference drawings to use as a guide while creating the artwork

Homework/Assignments: