



LEARNING TRAILS AY 2026-27

YEAR: 11

TERM 1_WEEK 4 (Sep 21st -25th , 2026)

ENGLISH	MATHEMATICS
Topics: EX –3: Note taking /Short notes <u>Learning Objectives:</u> Students will be able; - Identify main ideas, factual details, and specific information in written text. - Distinguish essential information from examples, repetition and irrelevant detail. - Record information precisely using keywords, punctuations, and headings. - Organize notes logically and use them to reconstruct meaning accurately. - Apply note taking as a transferable strategy for varied tasks and independent study. <u>Resources needed:</u> PPT/ Student book/ Workbook/ Reading Passages Worksheets/ Projector/ ICT/ Weblinks/Past papers <u>Homework/Assignments:</u> Convert notes from a passage (journalistic and informative) to a structured short notes in bullet points.	Topics: Trigonometry 1 <u>Learning Objectives:</u> ● To know and comprehend the term ‘bearing’. ● To use a bearing to specify a direction ● To interpret and use bearing to solve problems Apply trigonometric concepts to solve problems in two dimensions, such as angles of elevation and depression. ● Solve simple trigonometric problems in three dimensions, including finding the angle between a line and a plane <u>Resources needed:</u> Textbooks or educational websites with lessons, examples, and practice problems related to trigonometry. https://cdn.savemyexams.co.uk/wp-content/uploads/2020/01/E6.2-2D-Pythagoras- -SOHCAHTOA-2A-Topic-Booklet-1_1.pdf <u>Homework/Assignments:</u> • Daily practice questions. • Weekly Test (Every THURSDAY)



ADVANCED ARABIC	GENERAL ARABIC
Topics: <u>صيغ المبالغة</u> Learning Objectives: <u>أن يتعرف المتعلم صيغ مبالغة اسم الفاعل</u> <u>أن يستنتج المتعلم أوزان صيغ المبالغة</u> <u>أن يستخرج المتعلم صيغ المبالغة من الجمل</u> <u>أن يوظف المتعلم صيغ المبالغة في جمل من إنشائه</u> <u>أن يعرب المتعلم صيغ المبالغة اعرابا صحيحا</u> Resources needed: الكتاب المدرسي - السبورة الذكية - بوربوينت - دفتر الطالب Homework/Assignments: اكتب فقرة قصيرة عن انجازات دولة الامارات مستخدما صيغ المبالغة في كتابتك .	Topics: قدوتي Learning Objectives: • أن يستمع الطالب إلى نص قصير عن القدوة الحسنة باهتمام وتركيز. • أن يتعرف الطالب المفردات الجديدة المتعلقة بالقدوة والصفات الحسنة. • أن يحدد الطالب الفكرة العامة للنص المسموع. • أن يستخرج الطالب معلومات بسيطة عن شخصية تمثل قدوة حسنة. • أن يجيب الطالب عن أسئلة شفوية بسيطة بعد الاستماع إلى النص. • أن يميز الطالب بين الصفات الإيجابية والسلبية من خلال مواقف مسموعة. • أن يذكر الطالب بعض الصفات التي يحبها في قدوته. • أن يتحدث الطالب بجمل بسيطة عن الشخص الذي يقنّدي به. • أن يستخدم الطالب مفردات مناسبة لوصف الصفات والأخلاق الحسنة. Resources needed: الكتاب المدرسي _ بوربوينت _ صور لشخصيات وقداوات حسنة _ تسجيل صوتي للنص _ بطاقات كلمات _ دفتر الطالب Homework/Assignments: حل أنشطة الكتاب المدرسي - حل ورقة العمل الخاصة بالدرس - كتابة 3 جمل بسيطة عن قدوة الطالب والصفات التي يحبها فيها.
PHYSICS	BIOLOGY
Topics: 4.3.2 Series and parallel circuits 4.3.3 Action and use of circuit components Learning Objectives:	Topics: Control and coordination Learning Objectives: 1 Describe sense organs as groups of receptor cells responding to specific stimuli: light, sound, touch, temperature and chemicals 2 Identify in diagrams and images the structures of the eye, limited to: cornea, iris, pupil, lens, retina, optic nerve and blind spot



Calculate the combined e.m.f. of several sources in series Calculate the combined resistance of two or more resistors in series and parallel Explain that the sum of the currents into a junction is the same as the sum of the currents out of the junction Describe the action of a variable potential divider <u>Resources needed:</u> PPT, Pastpapers <u>Homework/Assignments:</u> Solve questions from past papers. May/June 2020 /42 /Q no:8	3 Describe the function of each part of the eye, limited to: (a) cornea – refracts light (b) iris – controls how much light enters the pupil (c) lens – focuses light on to the retina (d) retina – contains light receptors, some sensitive to light of different colours (e) optic nerve – carries impulses to the brain 4 Explain the pupil reflex, limited to changes in light intensity and pupil diameter 5 Explain the pupil reflex in terms of the antagonistic action of circular and radial muscles in the iris 6 Explain accommodation to view near and distant objects in terms of the contraction and relaxation of the ciliary muscles, tension in the suspensory ligaments, shape of the lens and refraction of light 7 Describe the distribution of rods and cones in the retina of a human 8 Outline the function of rods and cones, limited to: (a) greater sensitivity of rods for night vision (b) three different kinds of cones, absorbing light of different colours, for colour vision 9 Identify in diagrams and images the position of the fovea and state its function <u>Resources needed:</u> Textbook, Presentations and Videos <u>Homework/Assignment</u> Topical Questions
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CHEMISTRY	ICT
Topics: 12. Experimental Techniques and chemical analysis 12.4 Separation techniques 12.5 Identification of ions and gases <u>Learning Objectives:</u> 1. Describe the process of simple and fractional distillation 2. Compare between simple and fractional distillation 3. Describe tests to identify the anions: (a) carbonate, CO_3^{2-}, by reaction with dilute acid and then testing for carbon dioxide gas (b) chloride, Cl^-, bromide, Br^-, and iodide, I^-, by acidifying with dilute nitric acid then adding aqueous silver nitrate (c) nitrate, NO_3^-, reduction with aluminium foil and aqueous sodium hydroxide and then testing for ammonia gas (d) sulfate, SO_4^{2-}, by acidifying with dilute nitric acid and then adding aqueous barium nitrate (e) sulfite, SO_3^{2-}, by reaction with acidified aqueous potassium manganate (VII) <u>Resources needed:</u> Ions detection table, lab apparatus, ppt, you-tube <u>Homework/Assignments:</u> Worksheet, IGCSE questions	Topics: 7.2: Design 18: Databases <u>Learning Objectives:</u> - Differentiate between validation and verification - Analyze the different validation and verification techniques - Create a tabular report using specific fields and calculated fields - Create labels in MS Access <u>Resources needed:</u> Notebooks, A4 sheets, Stationeries <u>Homework/Assignments:</u> - Practice Past Paper Questions - Practice workbook questions for Chapter 7.1



ISLAMIC ARABIC	ISLAMIC EDUCATION
Topics: القرآن المكي والمدني Learning Objectives: • أن يعرف الطالب القرآن المكي والقرآن المدني. • أن يميز الطالب بين أهم خصائص السور المكية والسور المدنية. • أن يوضح الطالب أهمية وحكمة دراسة القرآن المكي والمدني. Resources needed: • كتاب التربية الإسلامية. • القرآن الكريم. • السبورة والعرض التقديمي. • أمثلة على السور والآيات المكية والمدنية. • بطاقات تعليمية لأنشطة المقارنة. • ورقة عمل وأنشطة تطبيقية. Homework/Assignments: • حل أنشطة الكتاب المدرسي الخاصة بالدرس. • كتابة ثلاثة فروق بين القرآن المكي والقرآن المدني. • البحث عن وكتابة ثلاثة أمثلة للسور المكية وثلاثة أمثلة للسور المدنية.	Topic: Makkan and Madinan Qur'an Learning Objectives: • Students will be able to define Makkan and Madinan revelations. • Students will be able to differentiate between the main characteristics of Makkan and Madinan Surahs. • Students will be able to explain the importance and wisdom of studying Makkan and Madinan revelations. Resources Needed: • Islamic Studies textbook. • The Holy Qur'an. • Whiteboard and presentation. • Examples of Makkan and Madinan Surahs and verses. • Educational cards for comparison activities. • Worksheet and practical activities. Homework / Assignments: • Complete the textbook activities related to the lesson. • Write three differences between Makkan and Madinan revelations. • Find and write three examples of Makkan and Madinan Surahs.



ACCOUNTING		BUSINESS STUDIES	
<u>Topics:</u> Accounts of Limited Company <u>Learning Objectives:</u> Analyse the capital structure of a limited company comprising preference share capital, ordinary share capital, general reserve and retained earnings • the features of ordinary share capital and loan capital (debentures) • share capital: issued, called-up, and paid-up • how to prepare statements of profit or loss <u>Resources needed:</u> Text book Format Task sheets <u>Homework/Assignment:</u> Topical questions		<u>Topics:</u> Marketing mix -price <u>Learning Objectives:</u> To analyze different methods of pricing. To evaluate the impact of business while applying these pricing methods. <u>Resources needed:</u> Topical case studies, Concept sheets, Notebook <u>Homework/Assignments:</u> practice end of chapter case studies	
ECONOMICS			
<u>Topics:</u> Economic growth , Employment and unemployment <u>Learning Objectives:</u> To explain the policies to promote economic growth To define employment, unemployment and full employment To explain how unemployment is measured To analyse the causes and types of unemployment <u>Resources needed:</u> PPT, text book, task sheet <u>Homework/Assignments:</u> Topical questions and four-part questions			