



LEARNING TRAILS AY 2026-27

YEAR: 11

TERM 1_WEEK 3 (Sep 14th -18th, 2026)

ENGLISH	MATHEMATICS
<u>Topics: Notetaking</u> <u>Learning Objectives:</u> - Students will be able to: • identify main ideas, factual detail and specific information in spoken and written texts; • distinguish essential information from examples, repetition and irrelevant detail; • record information concisely using keywords, symbols abbreviations, and headings; • organise notes logically and use them to reconstruct meaning accurately; • apply note-taking as a transferable strategy for varied tasks and independent study. <u>Resources Required:</u> PPT • Cambridge-style Reading/Listening extracts • Note-taking worksheet • Projector/Audio Devices • Highlighters • Soft board • Exit ticket <u>Homework/Assignments:</u> - Convert notes from a 250–300-word article/podcast into a one-page structured note sheet.	<u>Topics:</u> Trigonometry 1 <u>Learning Objectives:</u> To know how to find the unknown sides of a right-angled triangle by using simple trigonometric ratios. • To know how to find the unknown angle of a right-angle triangle by using trigonometric ratios. • Apply trigonometric concepts to solve problems in two dimensions, such as angles of elevation and depression. <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> • Solve 5 even number questions from textbook • Weekly Test (Every THURSDAY) • Question of the day (Monday to Thursday 4:00pm to 11:59 pm)



ADVANCED ARABIC	GENERAL ARABIC
Topics: <u>قصيدة إذا المرء لم يدنس</u> Learning Objectives: <u>أن يفسر المتعلم المفردات الجديدة في النص الشعري موظفاً بعض الكلمات في جمل مفيدة</u> <u>أن يحلل المتعلم النص محدداً الفكرة الرئيسية والأفكار الفرعية من القصيدة</u> <u>أن يحدد المتعلم المعنى الإجمالي للنص الشعري</u> <u>أن يحفظ المتعلم ستة أبيات من القصيدة</u> <u>أن يستنتج المتعلم القيم المستفادة من الأبيات</u> Resources needed: الكتاب المدرسي – بوربوينت – السبورة الذكية – دفتر الطالب Homework/Assignments كتابة فقرة لا تقل عن عشرة أسطر عن أثر النزاهة وعفة النفس في بناء الفرد والمجتمع	Topics درس - أنا مسؤول Learning Objectives: يتعرّف الطالب المفردات الجديدة المتعلقة بالمسؤولية. يقرأ الطالب نصاً قصيراً عن المسؤولية قراءة صحيحة. يستخرج الطالب معلومات أساسية من النص المقروء. يُميّز الطالب بين السلوك المسؤول والسلوك غير المسؤول. يكتب الطالب جملاً بسيطة عن المسؤوليات التي يقوم بها في حياته اليومية. Resources needed: الكتاب المدرسي – بوربوينت – صور عن المسؤولية – بطاقات الكلمات – دفتر الطالب Homework/Assignments: يكتب الطالب فقرة عن مسؤولياته في البيت أو المدرسة.
PHYSICS	BIOLOGY
Topics: 4.2.5 Electrical energy and electrical power 4.3 Electric circuits 4.3.1 Circuit diagrams and circuit components Learning Objectives: Recall and use the equation for electrical power and Energy Define the kilowatt-hour (kW h) and calculate the cost of using electrical	Topics: Excretion in human Learning Objectives: Describe the role of the liver in the assimilation of amino acids by converting them to proteins State that urea is formed in the liver from excess amino acids Describe deamination as the removal of the nitrogen-containing part of amino acids to form urea Explain the importance of excretion, limited to toxicity of urea Describe the mammalian nervous system in terms of: (a) the central nervous system (CNS) consisting of the brain and the spinal cord



appliances where the energy unit is the kW h Draw and interpret circuit diagrams, and know how these components behave in the circuit Draw and interpret circuit diagrams containing diodes and light-emitting diodes (LEDs), and know how these components behave in the circuit. <u>Resources needed:</u> PPT, Past paper questions, tablets <u>Homework/Assignments:</u> Solving past paper questions	(b) the peripheral nervous system (PNS) consisting of the nerves outside of the brain and spinal cord Describe the role of the nervous system as coordination and regulation of body functions Identify in diagrams and images sensory, relay and motor neurones Describe a simple reflex arc in terms of: receptor, sensory neurone, relay neurone, motor neurone and effector Describe a reflex action as a means of automatically and rapidly integrating and coordinating stimuli with the responses of effectors (muscles and glands) Describe a synapse as a junction between two neurones <u>Resources needed:</u> Text book, Work Book, Presentation, Videos. <u>Homework/Assignment</u> Solve worksheets, Read and learn the Given Home work. Draw the given diagram.
CHEMISTRY	ICT
<u>Topics:</u> 12. EXPERIMENTAL TECHNIQUES 12.2 Acid–base titrations 12.3 CHROMATOGRAPHY <u>Learning Objectives:</u> -Describe an acid–base titration to include the use of a: (a) burette (b) volumetric pipette (c) suitable indicator -Describe how to identify the end - point of a titration using an indicator -Describe how paper chromatography is used to separate mixtures of soluble colored substances, using a suitable solvent -Interpret simple chromatograms to identify:	<u>Topics</u> 7.2: Design 18: Databases <u>Learning Objectives:</u> - Explain the different stages of design phase - Differentiate between validation and verification - Compare the different validation and verification techniques. - Import data from an existing csv file. - Set appropriate datatypes - Create relationships between tables - Create a tabular report. <u>Resources needed:</u>



(a) unknown substances by comparison with known substances (b) pure and impure substances <u>Resources needed:</u> Power points, tablets, past papers, apparatus. https://youtu.be/TdJ57SQ6GAQ?si=S6xRxMUizFajB8s <u>Homework/Assignments:</u> Weekly questions and assignment	Notebooks, Stationeries <u>Homework/Assignments:</u> • Complete the Frayer Model for any one data collection method (interview/questionnaire/observation/collecting documents) in your notebook. • Practice Questions 15-20 (Task 3 - Database) of June 2025 Paper 21 and submit the Evidence document.
ISLAMIC ARABIC	ISLAMIC EDUCATION
<u>Topics:</u> <u>سورة الكهف</u> <u>Learning Objectives:</u> أن يتلو الآيات تلاوة صحيحة مجودة ويفسر الآيات أن يبين أسباب النزول للآيات الكريمة أن يحلل بعض دلالات الآيات الكريمة ويحرص على القيم التي تضمنتها الآيات الكريمة <u>Resources needed:</u> • القرآن الكريم. • الكتاب المدرسي. • السبورة الذكية وجهاز العرض. • بطاقات تدريب على أحكام التجويد. • أوراق عمل للتدريب على التلاوة. <u>Homework/Assignments:</u> التدرب على تلاوة الآيات (1-8) في المنزل تلاوة صحيحة حفظ الآيات الكريمة محل الدرس	<u>Topics:</u> Surah Al-Kahf <u>Learning Objectives:</u> • Recite the verses correctly while applying the rules of Tajweed. • Explain the meanings of the Qur'anic verses. • Describe the reasons for the revelation (Asbab al-Nuzul) of the noble verses. • Analyze some of the key messages and lessons derived from the verses. • Demonstrate and practice the values and morals contained in the noble verses. <u>Resources needed:</u> • The Holy Qur'an • Student Textbook • Interactive Whiteboard and Projector • Tajweed Practice Cards • Recitation Practice Worksheets <u>Homework/Assignments:</u> • Memorize the assigned verses (1-8) covered in the lesson. • Practice reciting Surah Al-Kahf (Verses 1-8) at home with correct Tajweed.



ACCOUNTING		BUSINESS	
<u>Topics:</u> Accounts of Clubs and Societies <u>Learning Objectives:</u> To formulate financial statements of Clubs and Societies . <u>Resources needed:</u> Text book Formats Topical questions <u>Homework/Assignment:</u> Task sheet , Topical questions		<u>Topics:</u> 1.3 Size of business <u>Learning Objectives:</u> To explain the appropriateness of different methods of measuring the size of a business To Understand advantages and disadvantages of being a small business To analyze why and how a business might grow internally (organic growth) To analyze the importance of joint ventures and strategic alliances as methods of external growth <u>Homework/Assignments:</u> Practice topical case studies	
ECONOMICS			
<u>Topics:</u> Economic growth <u>Learning Objectives:</u> To analyse the causes of economic growth To discuss the advantages and disadvantages of economic growth To define a recession To analyse the causes of a recession To discuss the consequences of recession <u>Resources needed:</u> PPT Task sheet Textbook Past paper /marking scheme Kahoot/ blooket <u>Homework/Assignments:</u> Topical questions / Four part questions			