LEARNING TRAILS
AJB SECONDARY

Grade: 10
Date: Week 2 – 5th to 9th September 2022

SUBJECTS	LESSONS AND CONCEPTS	LEARNING OBJECTIVES	ASSIGNMENTS AND ASSESSMENT
ARABIC LANGUAGE _ ARABS **UNIT: الفصل الدراسي الأول** **LESSON:) حديث شريف حسن الخلق) - أنواع النصوص)**	• السنة النبوية • الأخلاق الحميدة • فاحش - متفحش	• أن يتعرف المتعلم على المعنى الإجمالي للحديث الشريف. • أن يميز المتعلم بين لأخلاق الحسنة والأخلاق السيئة. • أن يكتب المتعلم فقرة عن أهمية الأخلاق الحسنة. • أن يتعرف المتعلم على أنواع النصوص	• عرض تقديمي - أنشطة مختلفة تراعي الفروق الفردية • نشاط إليكتروني • كتابة فقرة عن اثر الأخلاق الحسنة على الفرد والمجتمع
ARABIC LANGUAGE_ GENERAL HG **UNIT: 1** **LESSON:أنا مسؤول**	• المواطنة الصالحة • الصدق • الاحترام • المسؤولية	• أن يتعرف الطالب المفردات الجديدة • أن يستخرج الطالب المعلومات الواردة بالنص • أن يصمم الطالب مخططا ذهنيا للدرس • أن يجيب الطالب عن الأسئلة •	• بوبوينت • أوراق العمل • أنشطة تعليمية
ISLAMIC STUDIES_ ARABS **UNIT:1** **LESSON:سورة الكهف**	• عوجا • قيما • لينذر • بأسا • ماكثين	• قراءة الآيات قراءة صحيحة • يوضح المتعلم المعنى الإجمالي للآيات • يبين معاني مفردات الكلمات القرآنية	• مراجعة البوربوينت • أنشطة صفية • أوراق العمل • حل أنشطة الطالب
ISLAMIC STUDIES – ENGLISH **UNIT: One** **LESSON: Surah Al Kahaf**	• Explain the verses while observing the rules of recitation • Explain the meaning of the Quranic verses	• Acquisition (Read, Watch, Learn) • Learning from Practice • Learning from discussion • Learning from real life connection/ subject integration/ • MEP integration • Power point video	• Online quiz •Discussion •Daily life •PPT •Video

		embedded • Live Teaching • Task sheets for practice • Discussion tool	
ENGLISH LANGUAGE **UNIT: 4** **LESSON : SUMMARY WRITING** ***One part and two part summary***	• To locate the points in a paragraph • To use appropriate transitional devices • To write in your own words • Avoid examples. adjectives and unwanted details • To write these points in chronological order	• R1 identify and retrieve facts and details • R2 understand and select relevant information • R3 recognize and understand ideas, opinions and attitudes and the connections between related ideas • W3 employ and control a variety of grammatical structures • W4 demonstrate knowledge and understanding of a range of appropriate vocabulary • W5 observe conventions of paragraphing, punctuation and spelling	• Past paper 2019 February, March, May, and June
MATHEMATICS **UNIT:TrigonometryLESSON:Right angled triangle, three figure bearings**	• Right angled triangles • Sine, cosine, and tangent. • Finding the length of a side. • Finding an unknown angle. • Bearings.	• To know how to identify hypotenuses of a right-angled triangle • To know how to find the hypotenuse and the unknown sides of a right-angled triangle by using simple trigonometric ratios • To know about the trigonometric ratios • To know how to find the sides and angle using trigonometric ratios • To know and comprehend the	• Past paper 2015 May/June paper22

		term 'bearing'. • To use a bearing to specify a direction • To interpret and use bearing to solve problems	
PHYSICS **UNIT: 4** **LESSON : Electricity and Magnetism**	• Magnets • Magnetic Properties • Uses of Magnet • Different types of Magnet	• Describe the properties of a magnet • List out the uses of magnets in daily life • Distinguish between permanent magnets and temporary magnets	• Quiz • Worksheets based on Past paper question • Concept Map • Peer assessment • Self-Assessment
CHEMISTRY **UNIT: Chemical energetics** **LESSON: Exothermic and endothermic reactions**	• Enthalpy change • Energy level diagrams • Calculation	• Draw, label and interpret reaction pathway diagrams for exothermic and endothermic reactions using information provided, to include: (a) reactants (b) products (c) enthalpy change of reaction, ΔH • State that bond breaking is an endothermic process and bond making is an exothermic process and explain the enthalpy change of a reaction in terms of bond breaking and bond making • Calculate the enthalpy change	• Past papers •Quiz •Class test •Self-assessment •Peer assessment

		of a reaction using bond energies	
BIOLOGY **UNIT: Gas exchange in humans** **Lesson: 11.1 Gas exchange in humans**	• Human breathing system • Composition of air inspired and expired	• Explain the role of the ribs, the internal and external intercostal muscles, and the diaphragm in producing volume and pressure changes in the thorax leading to the ventilation of the lungs • Explain the differences in composition between inspired and expired air • Investigate the differences in composition between inspired and expired air using limewater as a test for carbon dioxide • Explain the link between physical activity and the rate and depth of breathing in terms of: an increased carbon dioxide concentration in the blood, which is detected by the brain, leading to an increased rate and greater depth of breathing	•Past papers •Quiz •Class test •Self-assessment •Peer assessment
INFORMATION & COMMUNICATION TECHNOLOGY (ICT) **UNIT: 7** **LESSON: System Life Cycle**	• System Life Cycle- Design	• Able to identify the components of Design Stage • Describe how it is necessary to design documents, files, forms/inputs, reports/outputs and validation • Produce designs to solve a given problem	• PPTs • Worksheets • Videos

ECONOMICS **UNIT:** **LESSON:**	• Government and the macroeconomy	• Understanding the role and influence of the government on local and national levels	• Worksheets • Structured questions • videos
ACCOUNTING UNIT: Financial Statements **LESSON: Accounts of clubs and societies**	• Accounts of clubs and societies	• To formulate receipts and payments account and income and expenditure account	• Formats • Structured questions
BUSINESS STUDIES **UNIT: 3** **LESSON 3.2**	• Market research	• To identify and analyse different methods of market research	• Case studies • Short answer questions