

LEARNING TRAILS

AJB SECONDARY

Grade: 10

Date: Week 5 – 31st January to 4th February 2022

| SUBJECTS | LESSONS AND CONCEPTS | LEARNING OBJECTIVES | ASSIGNMENTS AND ASSESSMENT |
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| <p>ARABIC LANGUAGE _ ARABS</p> <p>UNIT: الفصل الدراسي الثاني</p> <p>LESSON: نص معلوماتي كيفية تقدير الذات - استماع كيف تكون مبدعاً؟</p> | <ul style="list-style-type: none"> السلف - تغدو - يغفل حنق - البتة - الإفلاع السخط - هائلة - الدؤوب | <ul style="list-style-type: none"> يقيم المتعلم أسلوب الكاتب في عرض جملة وفعاليتها في الشرح يعيد كتابة الفكر العامة بلغته منشئاً نص جديد يوضح الفكرة العامة للنص يحلل المادة المسموعة محددًا الفكر والنقاط الرئيسية | <ul style="list-style-type: none"> مناقشة وشرح العرض التقديمي عرض نص الاستماع على الطلاب ومناقشتهم حل أسئلة الكتاب المدرسي أنشطة إلكترونية |
| <p>ARABIC LANGUAGE_ GENERAL HG</p> <p>UNIT:3</p> <p>LESSON: أنا إنسان ناجح</p> | <ul style="list-style-type: none"> أفكار مشاعر التفكير السلبية | <ul style="list-style-type: none"> أن يكتب جملاً مستخدماً المفردات الجديدة أن يستخرج المعلومات الواردة في النص المسموع أن يتحدث عن أهمية التفكير والمشاعر في حياتنا أن يجيب عن أسئلة الكتاب المدرسي | <ul style="list-style-type: none"> أوراق العمل اختبار إلكتروني أسئلة الكتاب المدرسي |
| <p>ISLAMIC STUDIES_ ARABS</p> <p>UNIT:3</p> <p>LESSON: آداب اللباس</p> | <ul style="list-style-type: none"> الزينة الظاهره الزينة الخفيفة تسميع دعاء لبس اللباس ما يحرم من اللباس بالنسبة للرجل والمرأة | <ul style="list-style-type: none"> أن يوضح أهمية اللباس للإنسان أن يميز بين ما يحل من اللباس والزينة لكل من الرجل والمرأة أن يسمع دعاء لبس الثوب | <ul style="list-style-type: none"> مراجعة البوربوينت أوراق العمل نشاط إلكتروني الإجابة على أنشطة الطالب |

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| <p>ISLAMIC STUDIES – ENGLISH</p> <p>UNIT: 4</p> <p>LESSON: recording Sunnah</p> | <ul style="list-style-type: none"> • Explain what is meant by recording Sunnah • Show the phases of recording Sunnah • Distinguish between the types of Hadith volumes | <ul style="list-style-type: none"> • Acquisition (, Watch, Learn) • Learning from Practice • Learning from discussion • Learning from real life connection/ subject integration/ • MEP integration • Power point video embedded • Live Teaching • Task sheets for practice • Discussion tool | <ul style="list-style-type: none"> • Online quiz • Group work • Assignment • Discussion • Daily life • PPT • Video |
| <p>ENGLISH LANGUAGE</p> <p>UNIT: 5 and 6</p> <p>LESSON: Letter writing; Article; Review and Report writing</p> | <ul style="list-style-type: none"> • To differentiate the different types of writing as Informal and Formal. • To compose a letter and article in different styles with what is needed to earn the content and language. | <ul style="list-style-type: none"> ▪ W1 communicate information/ideas/opinions clearly, accurately and effectively • W2 organize ideas into coherent paragraphs using a range of appropriate linking devices • W3 use a range of grammatical structures and vocabulary accurately and effectively | <ul style="list-style-type: none"> • Past papers |

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| | | <ul style="list-style-type: none"> W4 show control of punctuation and spelling W5 use appropriate register and style/format for the given purpose and audience | |
| <p>MATHEMATICS</p> <p>UNIT: 10</p> <p>LESSON: Probability</p> | <ul style="list-style-type: none"> Calculate the probability of combined events using Venn Diagrams Calculate conditional Probability using Venn Diagram | <ul style="list-style-type: none"> Learning from Practice Learning from discussion Learning from real life connection/subject integration | <ul style="list-style-type: none"> Probability Test on Monday Past Paper Questions Textbook Exercises |
| <p>PHYSICS</p> <p>UNIT: 1-22</p> <p>LESSON: All Lessons</p> | <ul style="list-style-type: none"> Investigation based on the given experiments Calculate the result from Experimental result. | <ul style="list-style-type: none"> Investigate the factors that affect the size of the crater a ball makes when it is dropped into the sand. Plan an experiment to investigate one factor that affect the size of the crater. | <ul style="list-style-type: none"> Paper 6 Past Paper Questions Discussion Assignments |

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| <p>CHEMISTRY</p> <p>UNIT:Organic Chemistry</p> <p>LESSON:</p> | <ul style="list-style-type: none"> • Petroleum – Refining Process • Fractions in Petroleum • Uses of these fractions | <ul style="list-style-type: none"> • refinery gas for bottled gas for heating and cooking • gasoline fraction for fuel (petrol) in cars • naphtha fraction for making chemicals • kerosene/paraffin fraction for jet fuel • diesel oil/gas oil for fuel in diesel engines • fuel oil fraction for fuel for ships and home heating systems • lubricating fraction for lubricants, waxes and polishes • bitumen for making roads. | <ul style="list-style-type: none"> • Textual Questions • Topical Questions |
| <p>BIOLOGY</p> <p>UNIT: 19</p> <p>LESSON: Organisms and their environment</p> | <ul style="list-style-type: none"> • Describe how energy is transferred between • trophic levels • Define trophic level as the position of an • organism in a food chain, food web, pyramid of • numbers or pyramid | <ul style="list-style-type: none"> • Acquisition (Watch, Learn) • Learning from Practice • Learning from discussion • Learning from real life connection/ subject integration/ • MEP integration • Power point video embedded • Live Teaching | <ul style="list-style-type: none"> • MS. Forms -Quiz • Assignments • Solve past paper questions • Class Test |

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| | <p>of biomass</p> <ul style="list-style-type: none"> • Explain why the transfer of energy from one • trophic level to another is inefficient | <ul style="list-style-type: none"> • Task sheets for practice • Discussion tool | |
| <p>INFORMATION & COMMUNICATION TECHNOLOGY (ICT)</p> <p>UNIT:ICT Applications</p> <p>LESSON: Expert systems</p> <p>Practical:</p> <p>Functions in MS Excel (Revision)</p> | <ul style="list-style-type: none"> • Expert systems • Applications of expert systems • Components of expert systems | <ul style="list-style-type: none"> • Identify a range of applications which use expert systems (e.g. mineral prospecting, car engine fault diagnosis, medical diagnosis, chess games) • Identify the components of an expert system (e.g. interactive user interface, inference engine, rules base, knowledge base) • Describe how an expert system is used to suggest diagnoses | <ul style="list-style-type: none"> • Teams • Assignments • Past paper questions |
| <p>ECONOMICS</p> <p>UNIT:</p> <p>LESSON:</p> | <ul style="list-style-type: none"> • Current account of the balance of payments | <ul style="list-style-type: none"> • Description and discussion of the current account of the balance of payments | <ul style="list-style-type: none"> • MS. Forms -Quiz • Assignments • Solve past paper questions • Class Test |



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| ACCOUNTING UNIT: Paper 12 LESSON: MCQ | <ul style="list-style-type: none">Multiple choice questions – Financial Accounting | <ul style="list-style-type: none">To apply the concepts in solving MCQs | <ul style="list-style-type: none">FormatsTopical MCQ sheet |
| BUSINESS UNIT: 6 LESSON: 25 | <ul style="list-style-type: none">Environmental and ethical issues | <ul style="list-style-type: none">To analyze the impact of business activity on the environment | <ul style="list-style-type: none">M.S. Teams live discussionCase studiesData response questions |