

AL AIN JUNIORS SCHOOL- BRITISH SYSTEM
LEARNING TRAILS
AY 2023-24: Term 1_Week 15 (4th to 8th December 2023)
GRADE 12

MATHEMATICS	IT
<p>Topics: Expected & Random Variables</p> <p>Learning Objectives: To be able to find the Mean & Variance of the given Variables. To be able to find the probability of the given random variables.</p> <p>Resources needed: Sample questions</p> <p>Homework/Assignments: Past paper questions.</p>	<p>Topics: Revision for pre-mock examination. Pre-mock examination</p> <p>Learning Objectives: Revise for pre-mock examination. Write pre-mock examination. Discuss the examination questions.</p> <p>Resources needed: Past paper questions.</p> <p>Homework/Assignments: Solve past paper questions</p>
ADVANCED ARABIC	GENERAL ARABIC
<p>Topics: مراجعة</p> <p>Learning Objectives: يستطيع الطالب تحليل وفهم النصوص المختلفة أن يجيب الطالب عن أسئلة منصة ألف</p> <p>Resources needed: كتاب الطالب - أوراق عمل - منصة ألف</p> <p>Homework/Assignments: أوراق عمل وأنشطة مختلفة</p>	<p>Topics: مراجعة</p> <p>Learning Objectives: أن يتذكر الطالب مفهوم الوطن أن يعدد الطالب أهمية الانتماء للوطن أن يحلل الطالب الدرس تحليلًا صحيحًا</p> <p>Resources needed: كتاب الطالب - الدفتر - أوراق عمل مختلفة</p> <p>Homework/Assignments: يكتب فقرة عن أهمية الوطن</p>

PHYSICS	BIOLOGY
<p>Topics: Alternating Current</p> <p>Learning Objectives: Should be able to Explain what RMS current and peak current is. Differentiate half wave and full wave rectifier. Analyse the effect of smoothing output of rectifier using a capacitor.</p> <p>Resources needed: Copy book, Calculator, stationeries, smart board</p> <p>Homework/Assignments: P42 from 2017 to 2020</p>	<p>Topics: Inheritance</p> <p>Learning Objectives: Explain Gene expression in prokaryotes and eukaryotes Describe :-Lac operon ,structural gene ,functional gene , Inducible and repressible enzyme Past paper revision of paper 52 question 1 (2016-2020)</p> <p>Resources needed: Note book ,text book , stationeries, Calculator,</p> <p>Homework/Assignments: Solve the activity (Genetic crosses)</p>
ISLAMIC ARABIC	ISLAMIC EDUCATION
<p>Topics: المسؤولية في الإسلام</p> <p>Learning Objectives: أن يميز بين المسؤولية الفردية والجماعية أن يحدد نظرة الاسلام للمسؤولية والانسان أن يوضح مجالات المسؤولية الفردية أن يبين العلاقة بين المسؤولية الفردية والجماعية أن يمثل للمسؤولية الجماعية من مؤسسات المجتمع الاماراتي ويتحمل مسؤولية ما كلف به</p> <p>Resources needed: الكتاب المدرسي بوربوينت أنشطة تعليمية منصة ألف</p> <p>Homework/Assignments:</p> <ul style="list-style-type: none"> حل أنشطة الطالب حل أسئلة منصة ألف 	<p>Topics: Divine Laws</p> <p>Learning Objectives:</p> <ol style="list-style-type: none"> Understand the concept of Divine Laws in Islam. Identify and analyze the different types of Divine Laws. Apply the Divine Laws to real-life situations and make informed ethical decisions. <p>Resources needed:</p> <ol style="list-style-type: none"> Apps: Islamic Legal Studies apps, Quran apps, Hadith apps. Links: Online resources such as reputable Islamic websites, academic journals, and video lectures <p>Homework/Assignments: Solve students' activities in the textbook. Revise PPT</p>

CHEMISTRY	ACCOUNTING
<p>Topics: Revisting the lesson taught</p> <p>Learning Objectives: To revise and practice the topics taught so far.</p> <p>Resources needed: Past papers</p> <p>Homework/Assignments: Practice some past paper questions</p>	<p>Topics: International Accounting Standard</p> <p>Learning Objectives: To apply the provisions of International Accounting Standard –IAS 1,2,7,8,10,16,36,27,38 in financial statements</p> <p>Resources needed: Cambridge AS and A Level by Harold Randall and David Hopkins</p> <p>Homework/Assignments: Topical questions</p>
BUSINESS	ECONOMICS
<p>Topics: Marketing strategy</p> <p>Learning Objectives: To analyse the need for a coordinated and consistent marketing strategy To analyse the need to link marketing strategy to marketing objectives To evaluate the changing role of IT and AI in marketing</p> <p>Resources needed: Cambridge International AS & A Level COURSEBOOK by Peter Stimpson & Alastair Farquharson</p> <p>Homework/Assignments: Solving case study: Marketing planning at Extreme Vacations (EV)</p>	<p>Topics: The circular flow of income and the Multiplier</p> <p>Learning Objectives: To analyze the determination of income and employment by using AS=AD approach and S=I approach To analyze the impact of investment on the income level of an economy with the help of investment multiplier. To understand the meaning of paradox of thrift To find solutions to the HOT questions from the unit.</p> <p>Resources needed: A Level Economics by Peter Smith</p> <p>Homework/Assignments: Address the questions given at the end of the unit, find solutions to them and pen down in Notebook</p>