

AL AIN JUNIORS SCHOOL

LEARNING TRAILS

Grade: 12

Date: 26th –30th January 2020

Subjects	Lesson	Concepts	Learning Objectives	Homework
General Arabic	- قواعد إملائية الهمزة المتطرفة	شاطيء- لؤلؤ -بطء - سماء-ملجأ	يتعرف الطالب قاعدة الهمزة المتطرفة وكيفية كتابتها	كتابة خمس جمل بها كلمات بها همزة متطرفة
Advanced Arabic	الجملة الفعلية ومكملاتها		يحدد المتعلم أركان الجملة ويعربها بطريقة صحيحة	حل تمارين الكتاب
Islamic Studies – Arabic	التواصل الاجتماعي	تلوة الآيات الكريمة تلوة صحيحة وبين دلالات الآيات		يستخرج أحكام التجويد من سورة النور
Islamic Studies – English	Prophet Methodology in healthcare	Understand the concept of healthcare in Islam	Explain the concept of healthcare in Islam. Describe the constituent components of health in prophetic sunnah	Students activity in the textbook
Math	Complex numbers	Argand diagram , polar form , Modulus & Argument of Complex numbers.	To be able to represent the complex number in an Argand diagram	Past Paper questions.
Biology	Chapter 18 .Biodiversity	Abundance and distribution of species	Use stastical methods to calculate an index of diversity and use it to compare the biodiversity of different areas	Solve question number 10 (Text book page number 459)
Chemistry	Analytical techniques	Mass spectrometry	Using mass spectrometry to find the abundance of isotopes and Ar	End of chapter questions from text book



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			Using M+1, M+2 and M+4 peaks to identify chemical composition	
Physics	Direct sensing	Sensors- input components , processing unit and out put	LDR, thermistor, piezo-electric transducer, strain guage. Characteristics of ideal opamp, comparator	Text book and relevant past paper questions.
IT	Programming for the web.	Demonstrate a range of object-based programming techniques	Use loops (including: for, while, do/while). Use iterative methods. Create functions. trap errors.	Solve past paper questions.
Business Studies	Analysis of published accounts	Interpreting company performance	To analyze ratio results and evaluate ways in which these results could be improved	Case study: Pakistan State Oilcompany Ltd.,
Economics	Macro economy	Economic growth and development Sustainability Kuznets curve Characteristics of developing countries	To revise the concepts taught in the class	Oct /nov 2014 MCQ Paper 32, 33, 34
Accounting	Joint venture	Accounting treatment on joint venture	Examine the purpose of joint ventures and prepare ledger accounts, closing accounts and profit and loss statements	M/J 2017 and 2016 all variants

Class Teacher: _____