

AL AIN JUNIORS SCHOOL

LEARNING TRAILS

Grade: 11

Term 1: Week 11

Date: 10th November – 14th November 2019

Subjects	Lesson	Concepts	Learning Objectives	Homework
General Arabic	كان وأخواتها	كان - صار ليس- أضحى-ظل	يتعرف المتعلم أخوات كان ويستخرجها يدخلها على المبتدأ والخبر ويلاحظ التغيير	اكتب خمسة جمل بها كان وأخواتها وغير ما يلزم
Advanced Arabic	اسم التفضيل	المدرسة أفضل من النادي	يتعرف اسم التفضيل ويصوغه ويوظفه في جمل مفيدة تامة	يكتب موضوع تعبير موظفا القاعدة فيه
Islamic Studies – Arabic	غزوة الأحزاب		تلاوة الآيات الكريمة - يستنتج بعض أحكام الآيات الكريمة - يبين دلالات الآيات الكريمة	تقرير عن التربية الإسلامية
Islamic Studies – English	Surah Al Ahzab	Understanding of Islamic views	Explain the Quranic verses in detail Explain the battle of trench	Students activities in text book
Math	4. Circular Measure	Radians Arc length and sector area Problems involving arcs and sectors	To understand radian and relationship between radians and degrees. Use formulae $s = r\theta$ and $A = \frac{1}{2}r^2\theta$ Solving problems concerning the arc length, sector area.	To do the exercise problems and the past paper questions.
Biology	Cell membrane transport	Movement of molecules	Explain cell signaling and bulk transport	Solve the topical worksheet
Chemistry	Energetics	Definition of the various enthalpy changes, calculation of enthalpy	Calculate enthalpy change of a given reaction using bond enthalpy values from the data booklet Calculation of enthalpy change of a given reaction	Past paper question 2007 – 2011



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		changes using bond enthalpy and Hess' law	using Hess' law of constant heat summation	
Physics	Energy and power	Kinetic Energy Potential energy Power and Efficiency Work done by an expanding gas	Derive expressions for PE,KE and work done by an expanding gas Expression and solving numerical for power and Efficiency Numerical related with friction resolving and object moving on an inclined plane State law of conservation of energy and its related concepts	Work sheet of energy[past paper qns]
IT	The digital divide	Reasons for digital divide. Strategies to reduce digital divide.	Understand that the digital divide refers to the gap between people and regions that have access to aspects of modern technology. understand that the digital divide can exist between: — people in cities and people in rural areas — the educated and the uneducated — socioeconomic groups — more and less industrially developed nations — high and low	Past paper questions Past paper 2015 Paper 22, oct /nov



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			performance computers, wireless connections	
Business Studies	The marketing mix-product and price	Marketing mix CRM Product positioning PLC	To understand and evaluate the importance of product decisions to a successful marketing mix To analyze the stages of a typical product life cycle and evaluate the usefulness of the concept.	Case study: Levi claims Tesco cut price jeans bad for and brand image.
Economics	The macro economy	Consequences of balance of payments disequilibrium The factors underlying changes in exchange rate Balance of trade Principles of absolute and comparative advantage	To explain the causes and consequences of a balance of payments disequilibrium To explain how exchange rates can be determined and changed To explain the absolute and comparative advantage	Topical based questions
Accounting	Analysis and Interpretation of ratios	Calculation and analysis of ratios	To analyse profitability, liquidity and turnover ratios To formulate financial statements using ratios	Topical questions M/j 2016 and 2017 Paper 22 and 23

Class Teacher: _____