



## AL AIN JUNIORS SCHOOL

# LEARNING TRAILS

Grade: 11

Date: 2<sup>nd</sup> – 6<sup>th</sup> FEBRUARY 2020

Subjects	Lesson	Concepts	Learning Objectives	Homework
MEP (Moral Education Program)				
General Arabic				
Advanced Arabic	قصة آخر رمق	مختارة - بلجيكا ماليزيا - جارتى علياء- عقد ذهب -	أن يحلل القصة إلى عناصرها ويستخرج الصور الجمالية بها	أن يجيب عن اسئلة الكتاب في الكتاب المدرسي ويكتب نبذة عن الكاتبة
Islamic Studies – Arabic	سورة الأحزاب وصايا وتوجيهات		تلاوة الآيات الكريمة تلاوة صحيحة وبيين دلالات البيات	
Islamic Studies – English	The methodology of Islam in Family building.		Explain the aspects of the care for the family in Islam.	Make a research for the importance of family in Islam
Moral Science				
Math	Integration	Integration as a reverse process of differentiation, Finding constant of integration, integrating $(ax+b)^n$ ,The definite Integral, Finding area using definite integration.	To understand Integration as a reverse process of differentiation, find the constant of integration. To be able integrate linear expression raised to the power. To be able understand what is Definite Integral is? To be evaluate definite integrals. Be able to use definite integrals to find area between curve and the	Ex:10.1- 1(b,f),2(d,h,i),3(c,f,h,j)  Ex:10.2-1(d,f),4,9  Ex:10.3-1(d,j),4  Ex:10.4-1(d),2(d),3(f)  Ex:10.5-1(e),7



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			x-axis	
Biology	Gas Exchange and smoking	Effects of nicotine and carbon monoxide on cardiovascular system and the gas exchange system	Explain the effects of carbon monoxide and nicotine on gas exchange system	Paper 21, June 2011, Q1 Paper 22, Nov 2011, Q1
Chemistry				
Physics	Waves, Electricity	Diffraction grating Internal resistance of a cell. Emf, potential difference, Electric field	Formula for TPD , emf and lost volt Formula for electric field Total resistance in series and parallel	Past paper qns related to the concept Work sheet for waes
Social Studies				
IT	Expert systems and other types of processing	Master and transaction file. Types of processing.	Explain the use of master and transaction files (including in: payroll and customer orders) analyse the different types of processing and their uses (including: batch, online (interactive), real time)	Past paper questions.
Geography				
Business Studies	Forecasting and managing cash flows	The structure of cash flow forecasts	To structure a cash flow forecast and understand the	Case study: Fashion Forecasts look



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			sources of information needed for this	good
Economics	Chapter –2 The price system and the micro economy	Elasticity of demand Elasticity of supply Factors of price elasticity of demand and supply The impact and incidence of indirect taxes	To revise the concepts taught in the class	May /june 2013 Oct / nov paper 12, 22
Accounting	Applications of marginal costing	Optimum use of limited resource	To prepare a revised production budget based on limited resources	M/J 2015,16 All variants

Class Teacher: \_\_\_\_\_