

AL AIN JUNIORS SCHOOL

LEARNING TRAILS

Grade: 12

Term 1: Week 10

Date: 3rd November – 7th November 2019

Subjects	Lesson	Concepts	Learning Objectives	Homework
General Arabic	عالم التقنيات) (الإنترنت	الشبكة المعلوماتية - الحاسوب	أن يقرأ النص قراءة صحيحة معبرة أن يستخرج المفردات الجديدة أن يستخدم المفردات الجديدة في جمل مفيدة	يكتب عن اهم وسائل التقنية الحديثة وفوائدها موضوعا
Advanced Arabic	أفعال المقاربة والرجاء والشروع	أفعال المقاربة - أفعال الرجاء - أفعال الشروع	أن يحدد أركان الجملة ويعربها بطريقة ص	
Islamic Studies – Arabic	السنن الربانية		يتعرف السنن الربانية	
Islamic Studies – English	The Slander IFK	Exhortation	Explain the meanings of the Quran Clarify the negative effects of the rumors	Students activities in the book
Math	INTEGRATION	Integration of Trigonometric function , exponential , logarithmic functions.	To be able to integrate Using partial fraction, & substitution method.	Past papers 2002- 2012
Biology	Plant Hormones	Effect of auxin and Gibberellin on plant growth	Describe the Role of Auxin in plant growth Describe the role of Gibberellin in seed germination	Investigate the use of Gibberellins in UAE agricultural farms and make a report about it
Chemistry	Kinetics	Order of a reaction, finding rate constant, finding order by initial rates	Calculate the order of the reaction given concentration and rate data, draw concentration vs time	Topical past papers 2007 – 2011



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		method, predicting and verifying reaction mechanisms	graphs and use half- lives to find order, draw tangents to concentration – time graphs to find initial rates	
Physics	Electromagnetism	Magnetic force	Understanding and calculating Force experienced by a current carrying conductor in a magnetic field. Defining magnetic field strength, Current balance.	Topical past papers
IT	Animation	create and evaluate an animation that meets the requirements of its intended application and audience.	place objects — place an image — use frames — set key frames — use timings — use layers — show and hide objects — resize objects — use coordinates to move and place objects — understand the use of tweening and what effect it creates — use tweening (motion tweening) to create a smooth transition between frames — use morphing (shape	Past paper



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			<p>tweening)</p> <ul style="list-style-type: none"> — understand the use of morphing and what effect it creates. — use morphing to create a smooth transition between images. — add text. — change the opacity of objects and text. 	
Business Studies	Business communication	Reducing communication barrier, Formal communication networks	To analyze the differences between one-and two- way vertical and horizontal formal and informal communication	Case studies: We all seem to be working in the dark. Switching off is no way to handle job losses- loss
Economics	The macro economy	Economic growth and development Sustainability Business cycle National income statistics	<p>To understand what is meant by and involved in economic growth , economic development and sustainability</p> <p>To know what is meant by national income statistics and how to use them</p> <p>To understand the living standards and economic development can be measured</p>	Past paper 2015 Paper 43 , section A
Accounting	Application of computers in accounting	Implications of computerised accounting	Analyse the new trends in computerised accounting	Research on FINTECH and ACCOUNTING



ENGLISH GARDEN
NURSERY



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Class Teacher: _____