



AL AIN JUNIORS SCHOOL

LEARNING TRAILS

Grade: 10

Term 1: Week 10

Date: 3rd November – 7th November 2019

Subjects	Lesson	Concepts	Learning Objectives	Homework
General Arabic	قدوتي	مدى تأثير القدوة في حياتنا	يقرأ ويحدد النقاط الرئيسية يقرأ ويفهم المعنى الكلي	يكتب فقرة عن قدوته
Advanced Arabic	قصة مصباح الحمام		أن يحلل المتعلم القصة إلى عناصرها ويستخرج المغزى منها	
Islamic Studies – Arabic	قصة أصحاب الكهف		يتعرف على قصة أصحاب الكهف	تقرير عن الموضوعات التي تم مناقشتها
Islamic Studies – English	Islamic Jurists	Understand the real meanings of schools of taught	Concept of four schools of Fiqh Difference between the four schools	Students activities in the text book
English	Summary writing Note taking	Summary writing Note taking	Select and organise relevant information and ideas into paragraphs and use appropriate linking devices.	Worksheets on summary writing and note taking
Math	1. GEOMETRY 2. CONSTRUCTION	SYMMETRY CONSTRUCTION OF TRIANGLES AND QUADRILATERALS	Recognise rotational and line symmetry in two dimensions Recognise symmetry properties of the prisms and pyramid Construct triangles given two sides and an angle Construct 2 Dimensional shapes of 4 sides	Activity sheets Exercise questions



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Biology	Coordination and response	Tropic Response in plants	Describe the role in weed killers of the synthetic plant hormone	Topical questions Past papers List few plant synthetic plant hormones and how they are used to weeds from the growing crop.
Chemistry	Redox Reactions	Oxidation, Reduction, Reductant, Oxidant, Redox reactions	<p>*Define redox in terms of electron transfer</p> <p>*Identify redox reactions by changes in oxidation state and by the colour changes involved when using acidified potassium manganate(VII), and potassium iodide. (Recall of equations involving $KMnO_4$ is not required.)</p> <ul style="list-style-type: none"> Define oxidising agent as a substance which oxidises another substance during a redox reaction. <p>* Define reducing agent as a substance which reduces another substance during a redox reaction.</p> <ul style="list-style-type: none"> Identify oxidising agents and reducing agents from simple 	Save My Exams, Topical Questions Redox reactions.



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			equations	
Physics	Electromagnetism	Effects of electromagnetism	How current is produced from magnetic field lines ? Working principal of D.c Motor Working of A.C generator Transformer	Experiment for D.C motor Past paper questions
ICT	Safety and security	Physical safety	To describe common physical security	Find and solve Past paper questions of same topic
Business Studies	Income statements	How is profit made? The importance of profit to private sector business The difference between profit and cash	To analyse the importance of profit. To differentiate profit and cash	Case study: Jimmy Lie
Economics	The effects of changes in population Problems of development	Changes in population Ways of reducing the birth rate Ways of coping with an ageing population The effects of net emigration The problems facing developing economies	To analyze the ways of reducing the birth rate To identify the ways of coping with an ageing population To describe the problems facing the developing economies	Past paper questions – 2018 june paper 22 Section a and b
Accounting	Limited companies	Statement of financial position	Formulate statement of financial position	www.igcseaccounts.com Q3-7



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Class Teacher: _____