



AL AIN JUNIORS SCHOOL

LEARNING TRAILS

Grade: 11

Date: 26th –30th January 2020

| Subjects | Lesson | Concepts | Learning Objectives | Homework |
|---------------------------|-----------------------------------|--|---|---|
| General Arabic | في الحفلات أداب وأقوال | هيئة عرض السلوك الدعوة | يستخرج الأفكار الرئيسية | كتابة بطاقة دعوة لحفل نجاح |
| Advanced Arabic | أفعال المقاربة والرجاء والشروع | كاد -كرب -أوشك | أن يتعرف أفعال المقاربة والرجاء والشروع-وكيفية وإعرابها عملها | كتابة موضوع عن البيئة موظفا أفعال المقاربة والرجاء والشروع |
| Islamic Studies – Arabic | منهج الإسلام في بناء الأسرة | | يبين أهمية الأسرة في الإسلام يوضح مظاهر اهتمام الإسلام بالأسرة ويحدد وظائفها | ملخص إنجازات وطنية في مجال تعزيز وحماية الأسرة وأفرادها |
| Islamic Studies – English | The Prophetic Sirah SAW | Understand the life of Prophet SAW | Explain the philosophy on which planning is built in Islam Describe the importance of planning in life | Students activity in the textbook |
| Math | Differentiation | Increasing & decreasing functions, The second derivative, The stationary points, Problems involving maximum & minimum values, | To identify increasing and decreasing function To able to find the second derivative. To be able understand stationary points and find them. To able to describe the nature of stationary points. To find the solution of the application type problem | Ex:9.1- 1(c),2(d),3(e),4(b) Ex:8.7- 1(g),2(g),5,8 Ex:9.2- 1(c),2(d),3(d),4 Ex:9.3-2,7,12 Ex:9.4-2,5,10 |
| Biology | Transport in | Components of | Explain oxygen | Solve end of |



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| | animals | blood ,structure and function | dissociation curve and Bohr effect | chapter question 9 a,b,c,d text book page number 181 |
| Chemistry | Organic chemistry | Alkanes and alkenes | Properties of alkanes and alkenes Reactions of alkanes and alkenes | End of chapter questions from textbook |
| Physics | Waves | Interference Double slit Experiment Diffraction | Demonstrate double slit experiment with a diagram Deduce the formula for wavelength relating slit separation and fringe width. Apply the formula to solve numerical Diffraction of water waves in a slit which is narrow and widw | Related past paper qns 2004-2015 |
| IT | Expert systems | components of an expert system | Describe the components of an expert system. Explain how the components of an expert system produce possible solutions. Describe the terms backward chaining and forward chaining. | Past paper questions |
| Business Studies | ACCOUNTING FUNDAMENTALS | Functions of Accounting, | To anlyse the main users and uses of | Case study: Calculating profit |



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| | | Accounting concepts and conventions | business accounting records | |
| Economics | Government macro intervention | Trade Protection Trade diversion and trade creation | To revise the concepts taught in the class | May /june 2014 Oct / nov paper 23 |
| Accounting | Marginal Costing | Absorption and marginal costing | Compare the profits made under both methods of costing ,namely, Absorption and marginal costing and prepare a statement of reconciliation. | M/J 2016 and 2017 all variants Marginal costing question |

Class Teacher: _____