



## AL AIN JUNIORS SCHOOL

### LEARNING TRAILS

Grade: 11

Week: 4

Date: 25<sup>th</sup> November – 29<sup>th</sup> November

Subjects	Classwork	Homework
MEP (Moral Education Program)	CONFLICTS AND ITS RESOLUTION	COMPLETION OF PROJECTS ON GIVEN TOPICS
Arabic	نوع الفعل	تحويل الفعل الماضى إلى المضارع تحويل الفعل المضارع إلى الأم
Islamic Studies		
Moral Science		
English	Report writing, Descriptive writing	Students will write a report and a descriptive writing on a given topic
Math	Equations of lines in different forms, perpendicular distance from a point to a line, distance between parallel lines, Introduction to Three dimensional geometry	All even numbered questions of NECRT text book.
Biology	Analyze Human Excretory System Urine Formation . Explain Function of the Tubules Discuss Mechanism of Concentration of the Filtrate .Regulation of Kidney Function Micturition . Interpret Role of other Organs in Excretion ,Disorders of the Excretory System	QUESTIONS-1-12  PG-301
Chemistry	<ul style="list-style-type: none"> <li>• Appreciate the general trends in the chemistry of p block elements</li> <li>• Describe and rationalize the trends in behavior across the rows and down the groups 13 and 14 elements</li> <li>• Explain anomalous behavior</li> </ul>	1) Explain the bonding in Diborane 2) Write chemical reactions to show amphoteric character of Aluminum 3) What is inert pair effect? 4) What happens when: A) Borax is heated strongly B) Boric acid is added to water C) BF <sub>3</sub> is reacted with ammonia



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	of Boron and Carbon <ul style="list-style-type: none"> <li>• Describe allotropic forms of Carbon</li> </ul>	
Physics	<ul style="list-style-type: none"> <li>• Discuss oscillations of different systems and show that they are SHM. Find time period and frequency of SHM</li> <li>• Discuss about simple pendulum and explain seconds pendulum</li> </ul>	Numerical related to SHM
Economics	To analyze the features of perfect, monopolist, and monopolistic competition	Address the following questions with the help of student's manual. <ol style="list-style-type: none"> <li>1. Explain the difference between monopoly and perfect competition.</li> <li>2. Report the features of monopoly and compare them with that of monopolistic competition.</li> <li>3. Explain the meaning collusive and non-collusive oligopoly.</li> </ol> Prepare for the unit test by addressing the important concept from the unit-Production Function
Computer Science	Arrays. One Dimensional and Two-Dimensional Arrays. Bubble Sort, Insertion Sort, Selection Sort and Binary Search.	Write C++ programs to sort the given array using insertion sort and selection sort.
UAE Social Studies		
Malayalam		
French		
Hindi		
Business Studies	Revision- Small Business Case Study –ABD BOOK P No: 181 Q No 15	Revision- Small Business Case Study –ABD BOOK P No: 185 Q No : 9
Accounting	Seminar Computers in Accounting:- Basic Components in Computer hardware	Explain the capabilities of a computer system. List out limitations of a computer system
Psychology	<ul style="list-style-type: none"> <li>• Discuss reasoning and decision making</li> </ul>	Research and write on discussed topic



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INDIAN SYSTEM



AL AIN JUNIORS SCHOOL  
BRITISH SYSTEM



ZAKHER  
PRIVATE SCHOOL  
*British Division*



AL AIN JUNIORS  
NURSERY



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	<ul style="list-style-type: none"><li>• Discuss nature and process of creative thinking.</li><li>• Discuss barriers to creative thinking and development of creative thinking.</li><li>• Discuss thought and language</li><li>• Discuss development of language and language use.</li></ul>	
Marketing	<b>Marketing:</b> 1) To analyze the meaning and the elements of marketing mix. To explain the importance of marketing mix.	<b>Address the following questions and pen down in the Manu scripting book..</b> <ol style="list-style-type: none"><li>1. Explain the meaning of marketing mix.</li><li>2. List out 4 Ps of marketing with appropriate explanations.</li><li>3. Report the importance of marketing mix.</li></ol> Have a glance through all the concepts as a part of preparation for unit test-2

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