



## AL AIN JUNIORS SCHOOL

# LEARNING TRAILS

Grade: 9

Week: 2

Date: 11<sup>th</sup> to 15<sup>th</sup> November 2018

Subjects	Class work	Homework
MEP (Moral Education Program)		
Arabic	- فانوس رمضان الفقرات الأخيرة - كتابة معانى المفردات ، تميز أنواع الكلمة	حل التدريبات صفحة 136، 137
Islamic Studies – English	Discuss the causes behind sharing some one's secret sins with others.	Learn the hadith Kullu Ummati Muaafan illa almujahareen till end Then explain in own words.
Moral Science		
English	My Childhood (an extract from the Wings of Fire by A.P.J. Abdul Kalam) Compare and contrast the life of Kalam before and after being the president.	Research and write a short account of what life in Rameswaram was during the 1940s.
Math	Students should be able to <ol style="list-style-type: none"><li>1. Prove the angle sum property of quadrilaterals</li><li>2. Prove that the diagonal of a parallelogram divides it into two congruent triangles</li><li>3. Prove that if each pair of opposite sides of a quadrilateral is equal, then it is a parallelogram</li><li>4. Prove that if each pair of opposite angles of a quadrilateral is equal, then it is a parallelogram</li><li>5. Prove that if a pair of opposite sides is equal and parallel in a quadrilateral, then it is a parallelogram</li><li>6. Prove that if diagonals of a quadrilateral bisect each other, then it is a parallelogram</li></ol>	Work sheet ( divided in to two assignments) Assignment 1 ( 2 days)  Assignment 2 ( 3 days)

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	7. Prove the mid-point theorem and its converse.	
Physics	<ul style="list-style-type: none"> <li>Define power.</li> <li>Explain the law of conservation of energy.</li> <li>Name the commercial unit of energy.</li> <li>Solve numerical.</li> </ul>	<ul style="list-style-type: none"> <li>Differentiated Worksheet</li> <li>Power point presentation</li> </ul>
Biology	<ul style="list-style-type: none"> <li>Explain the features of annelida, arthropoda, mollusca and echinodermata</li> </ul>	Questions from assessment sheet (45 to 60)
Chemistry	<ul style="list-style-type: none"> <li>Justify the importance of mole concept</li> <li>Explain the criteria involving in the numerical related to mole concept</li> <li>Derive the relationship with Avogadro number</li> </ul>	Assessment sheet with differentiated questions
History	<p>1. Discuss about the Nazi ideology. 2. Analyze the geopolitical theory of Hitler. 3. Appraise the establishment of racial state.</p> <p>1. Discuss about the Nazi cult of motherhood. 2. Analyse the appreciation and punishment prescribed for women in Nazi Germany. 3. Appraise the art of propaganda in Nazi Germany.</p> <p>1. Discuss about the Nazi clout. 2. Analyze the reaction of the common people to Nazism. 3. Appraise about the writings of Mahatma Gandhi to Hitler.</p>	<p>1. Fascism and Nazism are related totalitarian ideologies which sprang up in Europe in the period after the First World War. Explain.</p> <p>1. Research on the topic 'Mothers for Germany': a look at the ideal woman in Nazi propaganda.</p> <p>2. Does research work on the topic- the Holocaust.</p>
Geography	Analyze the 4 seasons of India	<p>Mind map to be done in your geo NB on the 4 seasons.</p> <p>Textual question DOING IT YOURSELF EX 1,2,3,4,5.</p>
Economics	<p>Travelling Teacher Activity:</p> <ol style="list-style-type: none"> <li>Why is it a must to have food security in a country?</li> <li>How is food security affected during a</li> </ol>	<p>Answer the following questions:</p> <ol style="list-style-type: none"> <li>What happens to the supply of food when there is a disaster or a calamity?</li> </ol> <p>Conduct a research study on the</p>



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	<p>Calamity.</p> <p>3. We are in a paradoxical situation where we have self- sufficiency in food grain production and existence of poverty as well. Why does it happen? Ponder over and answer it.</p> <p>4. Who are foods insecure?</p>	<p>great Bengal famine of 1943 and highlight the major points akin to it (Independent activity)</p>
UAE Studies – English	Appraise H H Sheikh Mohammed bin Rashid as a ‘visionary’	Substantiate Sheikh Mohammed bin Rashid as a man of vision with suitable examples from the history of the UAE.
French	Leçon 10 – La Mode, Lisez la dialogue et répondez les questions du texte	Les exs. 1-5 du texte de L - 10 (Le livre de français)
Hindi	<p>पाठ : 8</p> <p>शुक्रतारे के समान</p> <p>महादेव भाई देसाई अपना परिचय गांधीजी के के हमाल और पीर बावर्ची भिरती खर के रूप में क्यों देते हैं यह जानने का प्रयास करते हैं।</p> <p>गांधीजी की आत्मकथा ‘ सत्य के प्रयोग ’ नामक पुस्तक के बारे में जानते हैं।</p>	<p>पाठ : 8</p> <p>महादेव की लिखावट के बारे में एक परियोजना तैयार कीजिए।</p>
Malayalam	<p>പാഠം - 9</p> <p>ഞാൻ കഥാകാരനായ കഥ</p> <p>എന്ന് ഒരു പൊററക്കാടൻ്റെ കഥാകാരനായ ചരിത്രം</p>	<p>എന്ന് ഒരു പൊററക്കാട് കഥാകാരനായതെങ്ങനെ?</p> <p>എന്ന് ഒരു പൊററക്കാടൻ്റെ പ്രധാന രചനകൾ എഴുതുക.</p>

Class Teachers: Mr. Lajimon (9A), Mr. Prathap (9B), Ms. Jennifer (9C), Ms. Annamma (9D)

Home work Schedule:

Days	Sunday	Monday	Tuesday	Wednesday	Thursday
Subjects		English	2 <sup>nd</sup> Language	Social science	ARABIC