

AL AIN JUNIORS SCHOOL- BRITISH SYSTEM  
LEARNING TRAILS

AY 2023-24: Term 2\_Week 3 (15<sup>th</sup> to 19<sup>th</sup> January 2024)

GRADE 9

ENGLISH	MATHEMATICS
<p><b>Topics:</b> Review writing Form filling Participles</p> <p><b>Learning Objectives:</b> Write a review Use participles Form filling</p> <p><b>Resources needed:</b> Ppt Worksheet Notebooks Audio Video</p> <p><b>Homework/Assignments:</b> write a review of a restaurant they have been to</p>	<p><b>Topics:</b></p> <p><b>Learning Objectives:</b> Rearrange formulas to make a specific variable the subject of the formula. Understand the laws of indices. Apply the laws of indices in various mathematical expressions and equations.</p> <p><b>Resources needed:</b> <a href="https://papers.gceguide.com/Cambridge%20IGCSE/Mathematics%20(0580)/">https://papers.gceguide.com/Cambridge%20IGCSE/Mathematics%20(0580)/</a></p> <p><b>Homework/Assignments:</b> Solve 5 even number questions from textbook</p> <ul style="list-style-type: none"><li>• Online &amp; Direct quiz</li><li>• PPT</li><li>• Weekly Test (Every MONDAY)</li><li>• Question of the day (Monday to Thursday 6:00pm to 11:59 pm)</li></ul>
ADVANCED ARABIC	GENERAL ARABIC
<p><b>Topics:</b> العباة ( قصة قصيرة )</p> <p><b>Learning Objectives:</b> أن يحلل المتعلم تطور الفكرة الرئيسية أو وجهة النظر في النصوص من خلال تفاصيل محددة أن يتعرف المتعلم المفارقة في النص القصصي</p> <p><b>Resources needed:</b> الكتاب المدرسي - العرض التقديمي - منصة ألف</p> <p><b>Homework/Assignments:</b> حل تمارينات الدرس ص63-65 - منصة ألف</p>	<p><b>Topics:</b> السيدة المعجزة</p> <p><b>Learning Objectives:</b> يتعرف بعض المعلومات عن هيلين كلير يكتب عناوين بعض الكتب لهيلين كلير يدخل بعض المفردات الجديدة في جمل</p> <p><b>Resources needed:</b> الكتاب - العرض - الانترنت</p> <p><b>Homework/Assignments:</b> اكتب بطاقة تعريفية عن هيلين كلير</p>

PHYSICS	BIOLOGY
<p><b>Topics:</b> POWER</p> <p><b>Learning Objectives:</b> Define power as work done per unit time and also as energy transferred per unit time</p> <p><b>Resources needed:</b> Ppt, videos, worksheets</p> <p><b>Homework/Assignments:</b> Back exercise questions</p>	<p><b>Topics: Plant nutrition</b></p> <p><b>Learning Objectives:</b></p> <ul style="list-style-type: none"> <li>Describe photosynthesis as the process by which plants synthesise carbohydrates from raw materials using energy from light</li> <li>State the word equation for photosynthesis as: carbon dioxide + water → glucose + oxygen in the presence of light and chlorophyll</li> <li>State that chlorophyll is a green pigment that is found in chloroplasts</li> </ul> <p><b>Resources needed:</b> Videos, edpuzzle, textbook, notebook</p> <p><b>Homework/Assignments:</b> Textbook questions</p>
CHEMISTRY	ENVIRONMENTAL MANAGEMENT
<p><b>Topics:</b> Experimental Techniques</p> <p><b>Learning Objectives:</b> Describe solvent, solute, solution, saturated solution, residue and filtrate. Describe how paper chromatography is used. Interpret simple chromatograms. State and use the equation for R<sub>f</sub>. Describe and explain methods of separation and purification. Suggest suitable separation and purification techniques.</p> <p><b>Resources needed:</b> Lab apparatus, textbook, workbook, Periodic Table</p> <p><b>Homework/Assignments:</b> <i>Daily Questions, Weekly Assignments, Past paper Questions</i></p>	<p><b>Topics:</b> ENERGY AND ENVIRONMENT</p> <p><b>Learning Objectives:</b></p> <ul style="list-style-type: none"> <li>classify energy resources as non-renewable and renewable</li> <li>describe how non-renewable and renewable resources are used to generate electricity</li> <li>describe environmental, economic, and social advantages and disadvantages of these resources</li> </ul> <p><b>Resources needed:</b> Past papers, PPT</p> <p><b>Homework/Assignments:</b> Assignments</p>

ISLAMIYAT	ISLAMIC STUDIES
<p><b>Topics:</b> Hadith, Qiyas and Ijma</p> <p><b>Learning Objectives:</b> Explain the meaning of Islamic Shariah. Discuss Hadith, ijma and qiyas</p> <p><b>Resources needed:</b> Book, PPT Quran and Hadith Muqitweb.com</p> <p><b>Homework/Assignments:</b> Solve past papers 2020 May-June</p>	<p><b>Topics:</b> Society is made up of men and women</p> <p><b>Learning Objectives:</b> Explain the Hadith about security in Islam Discuss the meaning of the Hadith overall.</p> <p><b>Resources needed:</b> Book, PPT Student's activities Revision of power point Muqitweb.com</p> <p><b>Homework/Assignments:</b> Solve students' activities in textbook</p>
URDU	PAKISTAN STUDIES
<p><b>Topics:</b> جمله سے جمله بنانا Sentence transformation</p> <p><b>Learning Objectives:</b></p> <ul style="list-style-type: none"> <li>• نا مکمل جملے کو درست لفظ کی مدد سے پُر کرنا</li> <li>• خط کشیدہ لفظ کو تبدیل کرنا ایسے کہ پہلے جملے کا مفہوم نہ بدلے</li> </ul> <p><b>Resources needed:</b> کتاب - 2 پی پی ٹی کا پی</p> <p><b>Homework/Assignments:</b> صفحہ 30-32-34-31 کلاس ٹیسٹ زبانی کوئز</p>	<p><b>Topics:</b> Agricultural Development</p> <p><b>Learning Objectives:</b> Understand how small-scale subsistence farming, cash crop farming and livestock farming operate as systems. Know where the main areas of specified crops are grown and specified animals are reared. State the main uses of specified crops. State the main products of specified livestock and the uses of those products.</p> <p><b>Resources needed:</b> Books, Notebooks, PPTs</p> <p><b>Homework/Assignments:</b> Surf through: Suggested websites: <a href="http://www.nationsencyclopedia.com/economies/Asia-and-the-Pacific/Pakistan-AGRICULTURE.html">www.nationsencyclopedia.com/economies/Asia-and-the-Pacific/Pakistan-AGRICULTURE.html</a> <a href="http://www.slideshare.net/Qalandar7869/agriculture-of-pakistan-56233503">www.slideshare.net/Qalandar7869/agriculture-of-pakistan-56233503</a> <a href="http://www.ukessays.com/essays/economics/importance">www.ukessays.com/essays/economics/importance</a></p>

	<a href="#">-of-agriculture-in-pakistans-economy-and-development-economics-essay.php</a>
<b>ICT</b>	<b>TRAVEL AND TOURISM</b>
<p><b>Topics:</b> Types of networks</p> <p><b>Learning Objectives:</b> Identify different networks Differentiate the features of each network</p> <p><b>Resources needed:</b> Notebooks, textbook, ppt</p> <p><b>Homework/Assignments:</b> <i>Make a network model using any plastic materials.</i></p>	<p><b>Topics:</b> Customer care standards</p> <p><b>Learning Objectives:</b> To explain customer care standards of a tourism industry</p> <p><b>Resources needed:</b> Text book, PPT</p> <p><b>Homework/Assignments:</b> Draft a customer care policy for your desired business</p>
<b>ACCOUNTING</b>	<b>BUSINESS STUDIES</b>
<p><b>Topics:</b> General Journal</p> <p><b>Learning Objectives:</b> To analyse the need to formulate general journal To record the transactions in general journal</p> <p><b>Resources needed:</b> Format Task Sheets</p> <p><b>Homework/Assignments:</b> Topical questions <a href="http://www.igcseaccounts.com">www.igcseaccounts.com</a></p>	<p><b>Topics:</b> Joint venture</p> <p><b>Learning Objectives:</b> To understand the procedures of formation of a joint venture</p> <p><b>Resources needed:</b> Text book Case studies with mark scheme</p> <p><b>Homework/Assignments:</b></p>
<b>ECONOMICS</b>	<b>UAE ARABIC</b>
<p><b>Topics:</b> Market system and Market failure</p> <p><b>Learning Objectives:</b> Analyze the different features of Market system and Market failure</p> <p><b>Resources needed:</b> IGCSE O Level Economics textbook by Susan Grant Past papers</p>	<p><b>Topics:</b> الوحدة الأولى الملامح البشرية للوطن العربي الدرس الثاني قضايا سكانية معاصرة حل الأنشطة بالكتاب المدرسي أولا : درس زايد و المرأة الإماراتية</p> <p><b>Learning Objectives:</b> يناقش أثر البيئة في تكوين شخصية المرأة الإماراتية يعدد الأدوار التي قامت بها المرأة قبل عهد الإتحاد</p> <p><b>Resources needed:</b></p>

<p><b>Homework/Assignments:</b> Research about anyone Country which has Market economic system</p>	<p>كتاب الطالب - منصة ألف - أوراق عمل مختلفة - العرض التقديمي</p> <p><b>Homework/Assignments:</b> تقديم اقتراح لحل قضية البطالة مطلوب إنجاز بحث في اي من المواضيع التالية قضايا سكانية زايد و المرأة الإماراتية</p>
<p><b>MORAL SOCIAL CULTURAL STUDIES</b></p>	<p><b>ISLAMIC ARABIC</b></p>
<p><b>Topics:</b> The Dome of the Rock</p> <p><b>Learning Objectives:</b> Understand the historical and religious significance of the Dome of the Rock</p> <p><b>Resources needed:</b> Historical Texts and Documents Videos</p> <p><b>Homework/Assignments:</b> Write about the historical background of the Dome of the Rock, including its construction, purpose, and key events associated with it.</p>	<p><b>Topics:</b> ( للمجتمع رجاله ونساؤه ) حديث شريف</p> <p><b>Learning Objectives:</b></p> <ul style="list-style-type: none"> <li>• قراءة الحديث قراءة سليمة</li> <li>• يفسر معاني المفردات الواردة في الحديث</li> <li>• يوضح خطورة التشبه بالآخرين ودرء الشبهات ويحذرنا منها</li> </ul> <p><b>Resources needed:</b> الكتاب المدرسي اليوتيوب منصة ألف أنشطة صفية</p> <p><b>Homework/Assignments:</b> حل أنشطة الطالب بالكتاب المدرسي حل منصة ألف مراجعة اليوتيوب للدرس</p>