

**AL AIN JUNIORS SCHOOL- BRITISH SYSTEM**  
**LEARNING TRAILS**  
**AY 2023-24\_Term 3\_Week 1 (15<sup>th</sup> to 19<sup>th</sup> March 2024)**  
**GRADE 9**

ADVANCED ARABIC	GENERAL ARABIC
<p><b>Topics:</b> رواية عساكر قوس قزح الفصول 1-4</p> <p><b>Learning Objectives:</b> أن يحدد المتعلم عناصر الرواية أن يحلل المتعلم عناصر الرواية وخيارات المؤلف في اختيار الكلمات والأساليب الأدبية المناسبة للنص أن يلخص المتعلم الفصول التي قرأها بطريقة إبداعية</p> <p><b>Resources needed:</b> الكتاب المدرسي - العرض التقديمي - منصة ألف</p> <p><b>Homework/Assignments:</b> لخص الفصول التي قمت بقراءتها في دفترك وبخط جميل</p>	<p><b>Topics:</b> حكايات كروية ملهمة</p> <p><b>Learning Objectives:</b> أن يتحدث عن لعبة كرة القدم أن يذكر بعض أنواع الكرة أن يتعرف تاريخ الكرة</p> <p><b>Resources needed:</b> الكتاب - العرض - الإنترنت</p> <p><b>Homework/Assignments:</b> <u>اكتب فقرة عن تاريخ الكرة</u></p>
ENGLISH	MATHEMATICS
<p><b>Topics:</b> ETE Revision Article writing; common mistakes Notetaking: common mistakes Punctuation: common mistakes</p> <p><b>Learning Objectives:</b> To use punctuation marks To write a report To write a notetaking exercise</p> <p><b>Resources needed:</b> Ppt Audio Video Worksheet Workbook</p> <p><b>Homework/Assignments:</b></p>	<p><b>Topics:</b> GRAPHS Integration</p> <p><b>Learning Objectives:</b> Understand the concept of a derivative function. Apply differentiation rules to functions of the form <math>ax^n</math>. Calculate derivatives of simple functions using differentiation rules. Use derivatives to find the gradients and turning points of functions. Determine the nature of the turning points.</p> <p><b>Resources needed:</b> <a href="https://pastpapers.co/cie/?dir=IGCSE%2FMathematics-0580">https://pastpapers.co/cie/?dir=IGCSE%2FMathematics-0580</a></p> <p><b>Homework/Assignments:</b></p>

Write a report	Solve 5 even number questions from textbook Online & Direct quiz PPT Weekly Test (Every MONDAY) Question of the day (Monday to Thursday 6:00pm to 11:59 pm)
PHYSICS	BIOLOGY
<p><b>Topics:</b> 11.1 Introducing Waves</p> <p><b>Learning Objectives:</b></p> <ul style="list-style-type: none"> <li>Describe what is meant by a wave motion</li> <li>Know that waves transfer energy without transferring matter</li> <li>Understand that electromagnetic radiation, water waves and seismic S-waves (secondary) are known as transverse waves</li> <li>Know that for a transverse wave, the direction of vibration is at right angles to the direction of propagation</li> <li>Know that for a longitudinal wave, the direction of vibration is parallel to the direction of propagation</li> </ul> <p><b>Resources needed:</b> PPT, videos</p> <p><b>Homework/Assignments:</b> Past papers, back exercise questions</p>	<p><b>Topics:</b> 8. Transport in plants</p> <p><b>Learning Objectives:</b> Identify in diagrams and images root hair cells and state their functions State that the large surface area of root hairs increases the uptake of water and mineral ions</p> <p><b>Resources needed:</b> PPT, Videos, tasksheet</p> <p><b>Homework/Assignments:</b> Past paper questions</p>
CHEMISTRY	ENVIRONMENTAL MANAGEMENT
<p><b>Topics:</b> Chemical Analysis</p> <p><b>Learning Objectives:</b> Describe tests to identify the anions. Describe tests using aqueous sodium hydroxide and aqueous ammonia to identify the aqueous cations. Describe tests to identify the gases. Describe the use of a flame test to identify the cations.</p>	<p><b>Topics:</b> Agriculture and the environment</p> <p><b>Learning Objectives:</b> describe and explain the composition of soils. Types of soils</p> <p><b>Resources needed:</b> 0680 past examination papers:</p>

<p><b><u>Resources needed:</u></b> Ions Test Chart Textbook Workbook</p> <p><b><u>Homework/Assignments:</u></b> Daily Question, Weekly Assignment, Past Paper Questions</p>	<p>Jun 2013 Paper 21 Q 2(d)(iii) Jun 2013 Paper 11 Q 6(a) Nov 2 013 Paper 11</p> <p><b><u>Homework/Assignments:</u></b> Case study on types of soil in the UAE</p>
ISLAMIYAT	ISLAMIC STUDIES
<p><b><u>Topics:</u></b> Surah Al Waqiah</p> <p><b><u>Learning Objectives:</u></b> Explain the meaning of the verses of the Quranic Ayat. Describe the surah recitation benefits and theme of the surah.</p> <p><b><u>Resources needed:</u></b> Book PPT Quizzes Online materials.</p> <p><b><u>Homework/Assignments:</u></b> Solve students' activities in the textbook</p>	<p><b><u>Topics:</u></b> Surah Al Waqiah</p> <p><b><u>Learning Objectives:</u></b> Explain the meaning of the verses of the Quranic Ayat. Describe the surah recitation benefits and theme of the surah.</p> <p><b><u>Resources needed:</u></b> Book PPT Quizzes Online materials.</p> <p><b><u>Homework/Assignments:</u></b> Solve students' activities in the textbook</p>
URDU	PAKISTAN STUDIES
<p><b><u>Topics:</u></b> خلاصہ نگاری <b>Summary Writing as Revision for Mock exam.1</b></p> <p><b><u>Learning Objectives:</u></b> عبوری خیالات کی مدد سے ۱۲۰ الفاظ پر مشتمل خلاصہ لکھیں گے</p> <p><b><u>Resources needed:</u></b></p> <ul style="list-style-type: none"> <li>● کتاب-۱</li> <li>● پروجیکٹر</li> <li>● پی پی ٹی</li> </ul>	<p><b><u>Topics:</u></b></p> <p><b><u>Learning Objectives:</u></b></p> <p><b><u>Resources needed:</u></b></p> <p><b><u>Homework/Assignments:</u></b></p>

<p><b><u>Homework/Assignments:</u></b></p> <ul style="list-style-type: none"> <li>• <u>نصابی کتاب ۱۔ سے ۵ مثالیں لکھیں گے</u></li> <li>• <u>کلاس ٹیسٹ</u></li> </ul>	
<p style="text-align: center;"><b>ICT</b></p> <p><b><u>Topics:</u></b> DATA ANALYSIS-Spreadsheet</p> <p><b><u>Learning Objectives:</u></b> LO1: Identify the uses of mathematical operators, including add, subtract, multiply, divide, indices LO2: Apply mathematical operators, including add, subtract, multiply, divide, indices, where necessary</p> <p><b><u>Resources needed:</u></b> Text Book, MS Excel Past Papers</p> <p><b><u>Homework/Assignments:</u></b> Recall the excel functions</p>	<p style="text-align: center;"><b>TRAVEL AND TOURISM</b></p> <p><b><u>Topics:</u></b> Marketing</p> <p><b><u>Learning Objectives:</u></b> To analyse various methods of promotion that can be used in tourism industries</p> <p><b><u>Resources needed:</u></b> Text book Case studies</p> <p><b><u>Homework/Assignments:</u></b> Practicing end of chapter questions</p>
<p style="text-align: center;"><b>ACCOUNTING</b></p> <p><b><u>Topics:</u></b> Manufacturing Income Statement</p> <p><b><u>Learning Objectives:</u></b> To formulate Manufacturing Income Statement to calculate manufacturing profit/loss for the year</p> <p><b><u>Resources needed:</u></b> Format of Manufacturing Income Statement Accounting IGCSE by Catherine Coucom Task Sheets</p> <p><b><u>Homework/Assignments:</u></b> Topical questions</p>	<p style="text-align: center;"><b>BUSINESS STUDIES</b></p> <p><b><u>Topics:</u></b> Motivation</p> <p><b><u>Learning Objectives:</u></b> To analyze different non financial methods of motivation</p> <p><b><u>Resources needed:</u></b> Text book Topical past papers</p> <p><b><u>Homework/Assignments:</u></b> Practicing end of chapter case studies</p>
<p style="text-align: center;"><b>ECONOMICS</b></p> <p><b><u>Topics:</u></b> Firms and production</p>	<p style="text-align: center;"><b>UAE ARABIC</b></p> <p><b><u>Topics:</u></b> <u>الوحدة الأولى : الوطن العربي إدارة الموارد و الطاقة و الدخل</u></p>

<p><b><u>Learning Objectives:</u></b> Analyze the factors influencing a firm's production decisions. - Explain the concept of profit maximization.</p> <p><b><u>Resources needed:</u></b> Textbook Topical past papers</p> <p><b><u>Homework/Assignments:</u></b> How do firms in the UAE determine their production output and pricing strategies/ decisions? Practicing past paper questions</p>	<p>الدرس الثالث : الدخل و الضرائب</p> <p><b><u>Learning Objectives:</u></b> التعرف علي المفاهيم و المصطلحات الجديدة في الدرس يوضح أهم مصادر الدخل الشخصي يميز بين الدخل الحقيقي و الدخل النقدي</p> <p><b><u>Resources needed:</u></b></p> <ul style="list-style-type: none"> <li>• الكتاب المدرسي</li> <li>• البوربوينت</li> <li>• منصة ألف</li> <li>• أنشطة صفية</li> </ul> <p><b><u>Homework/Assignments:</u></b> حل الأنشطة علي الدرس بمنصة الف</p>
<b>MORAL SOCIAL CULTURAL STUDIES</b>	<b>ISLAMIC ARABIC</b>
<p><b><u>Topics:</u></b> UAE and the World.</p> <p><b><u>Learning Objectives:</u></b> To Understand UAE's role in global contexts, examining its diplomatic, economic, and cultural connections, fostering its significance within the international community and promoting global citizenship</p> <p><b><u>Resources needed:</u></b> Documentaries on Visions of United Arab Emirates Videos</p> <p><b><u>Homework/Assignments:</u></b> Make a Research work on the topic – UAE 'S role in the Modern World- Its Missions and Visions.</p>	<p><b><u>Topics:</u></b> <b>(سورة الواقعة ) 57 – 74</b></p> <p><b><u>Learning Objectives:</u></b></p> <ul style="list-style-type: none"> <li>• يتلو الطلاب الايات القرآنية مطبقا لأحكام - التلاوة.</li> <li>• يوضح الطلاب المعنى الاجمالي للآيات</li> <li>• يدلل على مظاهر قدرة الله تعالى</li> </ul> <p><b><u>Resources needed:</u></b></p> <ul style="list-style-type: none"> <li>• الكتاب المدرسي</li> <li>• البوربوينت</li> <li>• منصة ألف</li> <li>• أنشطة صفية</li> </ul> <p><b><u>Homework/Assignments:</u></b></p> <ul style="list-style-type: none"> <li>• حل أنشطة الطالب بالكتاب المدرسي</li> <li>• حل منصة ألف</li> <li>• مراجعة البوربوينت للدرس</li> </ul>