

AL AIN JUNIORS SCHOOL- BRITISH SYSTEM  
LEARNING TRAILS

AY 2023-24: Term 2\_Week 6 (5<sup>th</sup> to 9<sup>th</sup> February 2024)

GRADE 9

ENGLISH	MATHEMATICS
<p><b>Topics:</b> Listening Notetaking Modal verbs</p> <p><b>Learning Objectives:</b> Write a notetaking exercise Use modal verbs Respond well to a listening exercise</p> <p><b>Resources needed</b> Ppt Audio Video Notebooks worksheets</p> <p><b>Homework/Assignments:</b> Students are given a listen exercise to complete over the weekend</p>	<p><b>Topics:</b> <b>Learning Objectives:</b></p> <ul style="list-style-type: none"><li>• Determine the equation of a perpendicular bisector.</li><li>• Calculate the gradients of parallel and perpendicular lines.</li><li>• Understand how to solve linear inequalities.</li><li>• Solve linear inequalities graphically.</li><li>• Find the region satisfying two or more inequalities.</li></ul> <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></p> <ul style="list-style-type: none"><li>• Solve 5 even number questions from textbook</li><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> الأفعال التي تنصب مفعولين ليس أصلهما مبتدأ وخبر</p> <p><b>Learning Objectives:</b></p> <ul style="list-style-type: none"><li>• أن يتعرف المتعلم الأفعال التي تنصب مفعولين ليس أصلهما مبتدأ وخبر</li><li>• أن يعرب المتعلم الجمل التي تدخل عليها الأفعال التي تنصب مفعولين ليس أصلهما مبتدأ وخبر إعرابا صحيحا</li><li>• أن يوظف المتعلم الأفعال التي تنصب مفعولين ليس أصلهما مبتدأ وخبر في جمل مفيدة</li></ul>	<p><b>Topics:</b> تاريخ السينما</p> <p><b>Learning Objectives:</b></p> <ul style="list-style-type: none"><li>• أن يتعرف تاريخ السينما</li><li>• أن يذكر أهمية السينما</li><li>• أن يستنتج الاحداث المهمة في تاريخ السينما</li></ul> <p><b>Resources needed:</b> العرض - الكتاب - الانترنت</p>

<p><b>Resources needed:</b> الكتاب المدرسي- الدفتر المدرسي - منصة ألف - العرض التقديمي</p> <p><b>Homework/Assignments:</b> حل تمارين الدرس في المنصة</p>	<p><b>Homework/Assignments:</b> اكتب فقرة عن الاحداث المهمة في تاريخ السينما</p>
<b>PHYSICS</b>	<b>BIOLOGY</b>
<p><b>Topics:</b> Pressure</p> <p><b>Learning Objectives:</b> Problem solving questions of pressure in solids and fluids Revision for FA2</p> <p><b>Resources needed:</b> Past papers</p> <p><b>Homework/Assignments:</b> Assignments</p>	<p><b>Topics:</b> Human nutrition</p> <p><b>Learning Objectives:</b></p> <ul style="list-style-type: none"> <li>- Revision for FA2</li> <li>- Identify in diagrams and images the types of human teeth: incisors, canines, premolars and molars</li> </ul> <p><b>Resources needed:</b> Task sheet, <a href="https://edpuzzle.com/media/65b7d6bbe24d74bc4029ccec">https://edpuzzle.com/media/65b7d6bbe24d74bc4029ccec</a></p> <p><b>Homework/Assignments:</b> Assignment</p>
<b>CHEMISTRY</b>	<b>ENVIRONMENTAL MANAGMENT</b>
<p><b>Topics:</b> Experimental techniques</p> <p><b>Learning Objectives:</b></p> <ul style="list-style-type: none"> <li>• Describe and explain methods of separation and purification using: (a) a suitable solvent (b) filtration (c) crystallisation (d) simple distillation (e) fractional distillation</li> <li>• Suggest suitable separation and purification techniques, given information about the substances involved</li> <li>• Identify substances and assess their purity using melting point and boiling point information</li> <li>• Describe an acid–base titration to include the use of a: (a) burette (b) volumetric pipette (c) suitable indicator</li> <li>• Describe how to identify the end-point of a titration using an indicator</li> </ul> <p><b>Resources needed:</b> Workbook, Textbook, Periodic Table</p> <p><b>Homework/Assignments:</b> Daily Questions, Weekly Assignment and Past Paper Questions</p>	<p><b>Topics:</b> The technologies and viability of alternative energy sources.</p> <p><b>Learning Objectives:</b></p> <ul style="list-style-type: none"> <li>• Concentrate on the six sources named in the syllabus (solar, wind, wave, geothermal, hydro-electric and biomass), studying how the natural source is harnessed for energy, where the best conditions for its use exist, and present level of technological development.</li> <li>• describe how each of these energy resources is used to generate electricity</li> <li>• describe the environmental, economic and social advantages and disadvantages of each of these energy resources</li> </ul> <p><b>Resources needed:</b> 0680 past examination papers: Jun 2013 Paper 11 Q 5(b) Jun 2013 Paper 41 Q 2(a)(e) Nov 2013 Paper 21 Q 2(d)</p> <p><b>Homework/Assignments:</b> Research on Why has the uptake of alternatives been so slow?</p>

	Present your research outcome in the class.
<b>ISLAMIYAT</b>	<b>ISLAMIC STUDIES</b>
<p><b>Topics:</b> Permissible and Forbidden Food &amp; Drinks.</p> <p><b>Learning Objectives:</b> Infer the types of food permitted by Allah (SWT). Specify the types of forbidden things in Islam. Analyze the reasons for forbidding some foods and drinks.</p> <p><b>Resources needed:</b> Board, projector, marker, textbook, Papers, sticky Papers.</p> <p><b>Homework/Assignments:</b> <i>Solve students' activity in textbook</i></p>	<p><b>Topics:</b> Permissible and Forbidden Food &amp; Drinks.</p> <p><b>Learning Objectives:</b> Infer the types of food permitted by Allah (SWT). Specify the types of forbidden things in Islam. Analyze the reasons for forbidding some foods and drinks.</p> <p><b>Resources needed:</b> Board, projector, marker, textbook, Papers, sticky Papers.</p> <p><b>Homework/Assignments:</b> <i>Solve students' activity in textbook</i></p>
<b>URDU</b>	<b>PAKISTAN STUDIES</b>
<p><b>Topics:</b> ترجمہ Translation</p> <p><b>Learning Objectives:</b></p> <ul style="list-style-type: none"> <li>• پیراگراف کے انگریزی معنی کو سمجھنے کے قابل ہو گئے</li> <li>• ترجمہ میں تسلسل اور موزوں الفاظ کا استعمال کرنا۔</li> <li>• ترجمہ کرنے کے نکات کو سمجھ کر انگریزی میں دئے پیراگراف کا اردو میں ترجمہ کریں گے۔</li> </ul> <p><b>Resources needed:</b></p> <ul style="list-style-type: none"> <li>• کتاب 2</li> <li>• ورک شیٹ</li> <li>• پی پی ٹی</li> </ul> <p><b>Homework/Assignments:</b></p> <ul style="list-style-type: none"> <li>• صفحہ 189-197-210-208</li> <li>• کلاس ٹیسٹ</li> </ul>	<p><b>Topics:</b></p> <p><b>Learning Objectives:</b></p> <p><b>Resources needed:</b></p> <p><b>Homework/Assignments:</b></p>

ICT	TRAVEL AND TOURISM
<p><b>Topics:</b> Theory: Chapter 4 networks- Authentication Methods Practical- database (MS Access)</p> <p><b>Learning Objectives:</b> Authentication Methods:</p> <ul style="list-style-type: none"> <li>Identify and describe different authentication methods</li> <li>Differentiate the authentication methods according to their characteristics.</li> </ul> <p><b>Database:</b></p> <ul style="list-style-type: none"> <li>Able to design a query with criteria in database</li> </ul> <p><b>Resources needed:</b> Text book, Notebooks, MS Access</p> <p><b>Homework/Assignments:</b> Design a poster for authentication methods.</p>	<p><b>Topics:</b> Market segments in tourism</p> <p><b>Learning Objectives:</b> To analyze the benefits of segmenting markets.</p> <p><b>Resources needed:</b> Text book Case studies</p> <p><b>Homework/Assignments:</b> Conduct a survey about the destination preferences of tourists and based on that segment the market.</p>
ACCOUNTING	BUSINESS STUDIES
<p><b>Topics:</b> Income Statement with adjustments</p> <p><b>Learning Objectives:</b> To formulate Income Statement of Sole traders</p> <p><b>Resources needed:</b> Formats Task Sheets</p> <p><b>Homework/Assignments:</b> Topical questions</p>	<p><b>Topics:</b> <b>Communication</b></p> <p><b>Learning Objectives:</b> To critically examine the various communication barriers and suggest ways to solve them.</p> <p><b>Resources needed:</b> Textbook Case studies</p> <p><b>Homework/Assignments:</b> Prepare a concept map showing various barriers to communication and ways to solve them.</p>
ECONOMICS	UAE ARABIC
<p><b>Topics:</b> Size of Firm and Integration of firms</p> <p><b>Learning Objectives:</b></p> <ul style="list-style-type: none"> <li>Identify and enumerate the factors that determine the size of a firm.</li> <li>Discuss the significance of each factor in influencing the size of a firm.</li> <li>Recognize the interplay between internal and external factors in determining firm size.</li> <li>Analyse the types of integration and it's impact</li> </ul>	<p><b>Topics:</b></p> <p><b>Learning Objectives:</b></p> <p><b>Resources needed:</b></p> <p><b>Homework/Assignments:</b></p>

<p><b><u>Resources needed:</u></b> Video, worksheet</p> <p><b><u>Homework/Assignments:</u></b> Complete assignment given on Microsoft teams</p>	
<b>MORAL SOCIAL CULTURAL STUDIES</b>	<b>ISLAMIC ARABIC</b>
<p><b><u>Topics:</u></b> The Trucial States leading to Nationalization</p> <p><b><u>Learning Objectives:</u></b> Explore the journey of Trucial States to nationalization of United Arab Emirates</p> <p><b><u>Resources needed:</u></b> PPTS Videos Worksheets</p> <p><b><u>Homework/Assignments:</u></b> Make a research work on the topic The trucial states and Nationalization of United Arab Emirates</p>	<p><b><u>Topics:</u></b> ما يحل وما يحرم من الطعام</p> <p><b><u>Learning Objectives:</u></b></p> <ul style="list-style-type: none"> <li>◆ . أضرب أمثلة على انواع الاطعمة التي أحلها الله تعالى</li> <li>◆ استنتج قواعد إباحة وتحريم الأطعمة من خلال آيات القرآن -</li> <li>◆ يوضح خطورة أكل المحرمات ويحذرننا منها</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>