

AL AIN JUNIORS SCHOOL- BRITISH SYSTEM
LEARNING TRAILS

AY 2023-24: Term 2_Week 7 (12th to 16th February 2024)

GRADE 9

ENGLISH	MATHEMATICS
<p>Topics: Letter writing Punctuation Reading comprehension</p> <p>Learning Objectives: To write a letter To punctuate properly To respond to reading comprehension</p> <p>Resources needed: Ppt Worksheet Audio Video</p> <p>Homework/Assignments: Learners to write a letter at home as homework</p>	<p>Topics: Straight line graph/Geometry</p> <p>Learning Objectives: Solve linear inequalities graphically. • Find the region satisfying two or more inequalities. Understand the fundamental results of angles, including vertically opposite angles, angles on a straight line, and angles around a point. • Identify the exterior and interior angles of polygons. • Determine the number of sides of a polygon. • Apply circle theorems, such as the fact that tangents from an external point are equal in length.</p> <p>Resources needed: https://pastpapers.co/cie/?dir=IGCSE%2FMathematics-0580</p> <p>Homework/Assignments:</p> <ul style="list-style-type: none">• Solve 5 even number questions from textbook• Online & Direct quiz• PPT• Weekly Test (Every MONDAY) <p>Question of the day (Monday to Thursday 6:00pm to 11:59 pm)</p>
ADVANCED ARABIC	GENERAL ARABIC
<p>Topics: أغنية حب للكلمات</p> <p>Learning Objectives: إن يبين المتعلم المعنى الإجمالي للنص الشعري موضحا علاقة الفكر بعضها ببعض أن يحلل المتعلم النص الشعري تحليلا فكريا موضحا دور الخيال والمحسنات اللفظية في إيجاد التأثير في النص الشعري</p> <p>Resources needed: الكتاب المدرسي - العرض التقديمي - منصة ألف</p>	<p>Topics: تاريخ السينما</p> <p>Learning Objectives: أن يذكر أسماء أفلام قديمة يعرفها يبحث عن معاني المصطلحات الجديدة يستمتع باهتمام للنص</p> <p>Resources needed: العرض - الكتاب - منصة ألف</p> <p>Homework/Assignments:</p>

<p>Homework/Assignments: حل التمرينات في منصة ألف</p>	<p>قارن بين السينما الصامتة والسينما ثلاثية الأبعاد</p>
<p>PHYSICS</p>	<p>BIOLOGY</p>
<p>Topics: Transfer of Thermal Energy</p> <p>Learning Objectives: * Describe qualitatively the thermal expansion of solids, liquids and gases at constant pressure.</p> <p>Resources needed: PPT, Videos, Lab activities</p> <p>Homework/Assignments: Assignments, past papers</p>	<p>Topics: Human nutrition</p> <p>Learning Objectives:</p> <ul style="list-style-type: none"> - Describe the digestion of starch in the digestive system: (a) amylase breaks down starch to maltose (b) maltase breaks down maltose to glucose on the membranes of the epithelium lining the small intestine - Explain the significance of villi and microvilli in increasing the internal surface area of the small intestine <p>Resources needed: PPT, Videos</p> <p>Homework/Assignments: Solve past papers</p>
<p>CHEMISTRY</p>	<p>ENVIRONMENTAL MANAGMENT</p>
<p>Topics: Identification of ions</p> <p>Learning Objectives: 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>Resources needed: Lab apparatus, chemicals, ion test chart etc.</p> <p>Homework/Assignments: <i>Daily Questions, Weekly Assignment, Paper 6 Questions</i></p>	<p>Topics: The technologies and viability of alternative energy sources.</p> <p>Learning Objectives: 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. describe how each of these energy resources is used to generate electricity describe the environmental, economic and social advantages and disadvantages of each of these energy resources</p> <p>Resources needed: 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>Homework/Assignments:</p> <p>Research on Why has the uptake of alternatives been so slow?</p> <p>Present your research outcome in the class.</p>
ISLAMIIYAT	ISLAMIC STUDIES
<p>Topics:</p> <p>Life in Makkah and Madinah</p> <p>Learning Objectives:</p> <p>Explain the life of the Prophet SAW before Islam. Discuss the story of the Prophet SAW after Prophethood.</p> <p>Resources needed:</p> <p>Board, projector, marker, textbook</p> <p>Homework/Assignments:</p> <p>Solve students' activity in textbook</p>	<p>Topics:</p> <p>Surah Al Hujrat</p> <p>Learning Objectives:</p> <p>Explain the meaning of the Quranic ayah Discuss the reason of revelation of the Quranic ayah.</p> <p>Resources needed:</p> <p>Board, projector, marker, textbook</p> <p>Homework/Assignments:</p> <p>Solve students' activity in textbook</p>
URDU	PAKISTAN STUDIES
<p>Topics:</p> <p>ترجمہ Translation</p> <p>Learning Objectives:</p> <ul style="list-style-type: none"> پیراگراف کے انگریزی معنی کو سمجھنے کے قابل بنے ترجمہ میں تسلسل اور موزوں الفاظ کا استعمال کرنا۔۔ لغت کا استعمال ترجمہ کرنے کے نکات کو سمجھ کر انگریزی میں دئے پیراگراف کا اردو میں ترجمہ کریں گے۔ <p>Resources needed:</p> <ul style="list-style-type: none"> کتاب 2 ورک شیٹ پی پی ٹی <p>Homework/Assignments:</p> <ul style="list-style-type: none"> صفحہ: 205--209-208 کلاس ٹیسٹ 	<p>Topics:</p> <p>Learning Objectives:</p> <p>Resources needed:</p> <p>Homework/Assignments:</p>

ICT	TRAVEL AND TOURISM
<p>Topics: Chapter 5-The effects of using IT Practical- database</p> <p>Learning Objectives: Describe the functions of microprocessor-controlled devices</p> <p>Resources needed: Text Book, Notebook MS Access</p> <p>Homework/Assignments: <i>Complete the assignment – Answer paper June 2022 and send on teams</i></p>	<p>Topics: Tourism products.</p> <p>Learning Objectives: To identify and explain various tourism products.</p> <p>Resources needed: Text book Case studies</p> <p>Homework/Assignments: Investigate how various products mix are aligned with marketing mix in a tourism industry.</p>
ACCOUNTING	BUSINESS STUDIES
<p>Topics: Income Statement with adjustments</p> <p>Learning Objectives: To formulate Income Statement of trading business and service business</p> <p>Resources needed: Text book Task Sheets Formats</p> <p>Homework/Assignments: Topical questions</p>	<p>Topics: Business objectives and stakeholders' objectives.</p> <p>Learning Objectives: To explain various business objectives. To analyze the interest of various stakeholders in a business organization.</p> <p>Resources needed: Textbook Case studies Past papers.</p> <p>Homework/Assignments: Prepare a concept map showing the stakeholders objectives in business organization</p>
ECONOMICS	UAE ARABIC
<p>Topics: Business Organisation</p> <p>Learning Objectives: Define the meaning of Business Organisation Analyse different types of Business Organisation</p> <p>Resources needed: Text book Videos Worksheets</p> <p>Homework/Assignments: Topical questions</p>	<p>Topics:الدرس الأول : سكان الوطن العربي</p> <p>Learning Objectives:ثانيا : تركيب السكان وتوزيعهم</p> <p>Resources needed:</p> <ul style="list-style-type: none"> ● لكتاب المدرسي ● البوربوينت ● منصة ألف ● أنشطة صفية