

AL AIN JUNIORS SCHOOL- BRITISH SYSTEM
LEARNING TRAILS

AY 2023-24_Term 3_Week 3 (29th to 3rd May 2024)

GRADE 9

ADVANCED ARABIC	GENERAL ARABIC
<p>Topics: رواية الأمير الصغير (الفصل الخامس))</p> <p>Learning Objectives: أن يحلل المتعلم جوانب النص الأدبي مثل: كيفية إنشاء المكان والزمان، ذاكرة رأيه في الطريقة التي طور الكاتب من خلالها هذا الجانب أن يحلل المتعلم الرواية إلى عناصرها الفنية مستخدماً المخططات والرسومات لتوضيح العلاقة بين الشخصيات وتطور الخط الزمني للرواية</p> <p>Resources needed: الرواية - العرض التقديمي - منصة ألف</p> <p>Homework/Assignments: تلخيص الفصل الخامس في الدفتر وبخط جميل حل التمرينات في منصة ألف</p>	<p>Topics: في حب الدائرة المستديرة : استماع</p> <p>Learning Objectives: يستخرج المفردات الجديدة من خلال الاستماع-1 أن يوظف المفردات الجديدة في جمل مفيدة أن يفسر بعض العبارات التشجيعية التي يعرفها أو يسمعاها</p> <p>Resources needed: منصة الف - العرض التقديمي - الكتاب</p> <p>Homework/Assignments: <u>اكتب فقرة عن العبارات التشجيعية المستخدمة أثناء المباراة</u></p>
ENGLISH	MATHEMATICS
<p>Topics: Letter writing Speaking practice Grammar</p> <p>Learning Objectives: To write a letter To speak To use correct grammar</p> <p>Resources needed: Ppt Worksheet Audio</p>	<p>Topics: SETS/FUNCTIONS</p> <p>Learning Objectives: Universal set A is a subset of B $A \subseteq B$ A is a proper subset of B $A \subset B$ A is not a subset of B $A \not\subseteq B$ A is not a proper subset of B $A \not\subset B$ Union of A and B $A \cup B$ Intersection of A and B $A \cap B$</p> <ul style="list-style-type: none">● Understand the concept of sets and their elements.● Familiarity with set operations, such as union and intersection.● Represent relationships between sets using Venn diagrams.

<p><u>Homework/Assignments:</u> Worksheet on letter writing</p>	<p>Functions: Use function notation, e.g. $f(x) = 3x - 5$, $f: x \mapsto 3x - 5$, to describe simple functions.</p> <ul style="list-style-type: none"> • Form composite functions as defined by $gf(x) = g(f(x))$. • Inverse of a function: Find inverse functions $f^{-1}(x)$. <p><u>Resources needed:</u> https://pastpapers.co/cie/?dir=IGCSE%2FMathematics-0580</p> <p><u>Homework/Assignments:</u></p> <ul style="list-style-type: none"> • Solve 5 even number questions from textbook • Online & Direct quiz • PPT <ul style="list-style-type: none"> • Weekly Test (Every MONDAY) • Question of the day (Monday to Thursday 6:00pm to 11:59 pm)
PHYSICS	BIOLOGY
<p><u>Topics:</u> Reflection of light Refraction of light Total internal reflection</p> <p><u>Learning Objectives:</u> Describe the formation of an optical image by a plane mirror Use simple constructions, measurements and calculations for reflection yplane mirrors. Explain law of refraction</p> <p><u>Resources needed:</u> Text book Past paper booklet</p> <p><u>Homework/Assignments:</u> Draw the reflection plane mirror Draw the ray diagram to show the refraction through glass slab</p>	<p><u>Topics:</u> Transport in animals</p> <p><u>Learning Objectives:</u> List the components of blood, Identify and state the function of RBC, WBC, Plasma platelets, State the functions of lymphocytes and phagocytes. Describe single and double circulation and their advantages. Explain the structure of heart Describe the functioning of the heart.</p> <p><u>Resources needed:</u> Textbook, Presentations, task sheet and past papers.</p> <p><u>Homework/Assignments:</u> Task sheet completion, drawings of cross section of artery, vein and capillary.</p>
CHEMISTRY	ENVIRONMENTAL MANAGMENT
<p><u>Topics:</u> Chemistry Of the Environment</p> <p><u>Learning Objectives:</u> State the composition of clean, dry air.</p>	<p><u>Topics:</u> Oceans and Fisheries</p> <p><u>Learning Objectives:</u> outline the distribution of major ocean currents</p>

<p>State the source of air pollutants. State the adverse effect of air pollutants. Describe how the greenhouse gases carbon dioxide and methane cause global warming. State and explain strategies to reduce the effects of environmental issues. Explain how oxides of nitrogen form in car engines and describe their removal by catalytic converters.</p> <p><u>Resources needed:</u> Textbook, Workbook, The Periodic table</p> <p><u>Homework/Assignments:</u> Daily Questions, Weekly Assignments, Past Paper Questions</p>	<p>explain the distribution of major marine fish populations</p> <p><u>Resources needed:</u> PPT, past papers Ocean Planet: MARINE LIFE FACTS (nasa.gov)</p> <p><u>Homework/Assignments:</u> Jun 2013 Paper 11 Q 2(a)(i) Nov 2013 Paper 23 Q 2(e)(i)</p>
ISLAMMIYAT	ISLAMIC STUDIES
<p><u>Topics:</u> There should be neither harming nor reciprocating harm with</p> <p><u>Learning Objectives:</u> Explain the Hadith of the Prophet SAW Describe the effect of Hadith on society.</p> <p><u>Resources needed:</u> White board PPT Prize Kahoot</p> <p><u>Homework/Assignments:</u> <u>Solve Past Papers 2022-23</u></p>	<p><u>Topics:</u> There should be neither harming nor reciprocating harm with</p> <p><u>Learning Objectives:</u> Explain the Hadith of the Prophet SAW Describe the effect of Hadith on society.</p> <p><u>Resources needed:</u> White board PPT Prize Kahoot</p> <p><u>Homework/Assignments:</u> <u>Solve students' activities in the text book</u></p>
URDU	PAKISTAN STUDIES
<p><u>Topics:</u> Board Exam paper 1 practice on Monday Board Exam paper 2 practice on Wednesday</p> <p><u>Learning Objectives:</u></p>	<p><u>Topics:</u> Revision: War of Independence</p> <p><u>Learning Objectives:</u></p>

<ul style="list-style-type: none"> Recall and revise topics Clear doubts <p><u>Resources needed:</u> Book 1 and 2</p> <p><u>Homework/Assignments:</u> <u>Practice Sheets</u></p>	<p>Conditions of Muslims of India after war</p> <p><u>Resources needed:</u> PPTs, Notes, Topical.</p> <p><u>Homework/Assignments:</u> Practice questions</p>
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ICT	TRAVEL AND TOURISM
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<p><u>Topics:</u> Spreadsheets 6.2 Modeling Applications</p> <p><u>Learning Objectives:</u> Differentiate modeling and simulating applications Apply logical and lookup functions in excel sheet.</p> <p><u>Resources needed:</u> MS Excel Textbook Notebook</p> <p><u>Homework/Assignments:</u> Complete the notes of MS Excel functions in the notebook.</p>	<p><u>Topics:</u> Marketing mix</p> <p><u>Learning Objectives:</u> To analyse the need and way of deciding marketing mix in tourism industries</p> <p><u>Resources needed:</u> Text book Case studies</p> <p><u>Homework/Assignments:</u> Practicing topical questions</p>
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ACCOUNTING	BUSINESS STUDIES
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<p><u>Topics:</u> Partnership Accounting –Current and Capital accounts</p> <p><u>Learning Objectives:</u> Draw up partners’ capital and current accounts in ledger account form.</p> <p><u>Resources needed:</u> Text book Task Sheets Formats</p> <p><u>Homework/Assignments:</u> Task Sheets</p>	<p><u>Topics:</u> Recruitment selection and training of staff</p> <p><u>Learning Objectives:</u> To explain the procedures of Recruitment selection and training of staff To evaluate the need of workforce plan for a new business organization</p> <p><u>Resources needed:</u> Text book Topical questions</p> <p><u>Homework/Assignments:</u> Practicing topical questions</p>
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ECONOMICS	UAE ARABIC
<p>Topics: Market structure-Monopoly and competition</p> <p>Learning Objectives:</p> <ul style="list-style-type: none"> - Define monopoly and competition. - Analyze the characteristics and impact of monopolistic markets. <p>Resources needed:</p> <p>https://www.youtube.com/watch?v=PgDrR2wj_Jc https://www.youtube.com/watch?v=B_49lQxwMaM https://www.youtube.com/watch?v=ZtSZNcaWbf4&list=RDCMUCCQEbqDL8i40d83Au55IYMQ&index=2</p> <p>Homework/Assignments:</p> <p>Read the lesson and click the links above and watch them</p>	<p>Topics:</p> <p><u>حل أنشطة درس الدخل و الضرائب</u> <u>الدرس الثاني: إدارة الموارد و الأنشطة الاقتصادية في الوطن العربي</u></p> <p>Learning Objectives:</p> <p>التعرف علي المفاهيم الجديدة بالدرس بناقش توزيع الموارد و الأنشطة الاقتصادية في الوطن العربي</p> <p>Resources needed:</p> <p>الكتاب المدرسي أنشطة صفية بوربوينت</p> <p>Homework/Assignments:</p> <p><u>حل الأنشطة بمنصة الف</u></p>
MORAL SOCIAL CULTURAL STUDIES	ISLAMIC ARABIC
<p>Topics:</p> <p>The Smart Initiatives and Innovation of 21st Century in UAE</p> <p>Learning Objectives:</p> <p>To explore innovative initiatives in the UAE, such as renewable energy projects, smart city development, and their impact on society and sustainability.</p> <p>Resources needed:</p> <p>PPTS Videos Textbook</p> <p>Homework/Assignments:</p> <p>Make a detailed short note on “The Sustainability development goals of UAE”</p>	<p>Topics:</p> <p>(درس) لا ضرر ولا ضرار</p> <p>Learning Objectives:</p> <p>يقرأ الطالب الحديث الشريف قراءة سليمة يبين الطالب أهمية تقديم المنافع للناس يستنتج أثر تبادل المنافع على العلاقات الاجتماعية</p> <p>Resources needed:</p> <ul style="list-style-type: none"> • الكتاب المدرسي • البوربوينت • منصة ألف • أنشطة صفية <p>Homework/Assignments:</p> <ul style="list-style-type: none"> • حل أنشطة الطالب بالكتاب المدرسي • حل منصة ألف • مراجعة البوربوينت للدرس