

AL AIN JUNIORS SCHOOL- BRITISH SYSTEM
LEARNING TRAILS

AY 2023-24: Term 1_Week 3 (11th TO 15th SEPTEMBER, 2023)

GRADE 12

MATHEMATICS	IT
<p>Topics:</p> <p>Learning Objectives:</p> <p>Resources needed:</p> <p>Homework/Assignments:</p>	<p>Topics: System life cycle (Analysis and design).</p> <p>Learning Objectives: Describe user requirements specification, system specification and design specification. Candidates will be expected to construct a system flowchart and a data flow diagram (DFD) using correct symbols. Describe the features and elements of forms, appropriate use of forms for data collection, validation and checking of data collected by forms, input screen layouts</p> <p>Resources needed: Text book, Past paper, PPT, activity sheets</p> <p>Homework/Assignments: Past paper questions</p>
ADVANCED ARABIC	GENERAL ARABIC
<p>Topics: أرق على أرق</p> <p>Learning Objectives: أن يبين المتعلم المعنى الإجمالي للنصوص الشعرية موضحاً علاقة الفكر بعضها ببعض مفسراً مفرداتها من خلال السياق أن يفسر المتعلم الكلمات مستخدماً المعجم الورقي والرقمي أن يحلل المتعلم النصوص في سياقها التاريخي والاجتماعي والسياسي مستخلصاً السمات الفنية لها</p> <p>Resources needed: الكتاب المدرسي الدفتري المدرسي العرض التقديمي</p> <p>Homework/Assignments:</p>	<p>Topics: خليفة سات مهارات لغوية ونحوية</p> <p>Learning Objectives: أن يقرأ المتعلم الدرس قراءة جهرية صحيحة أن يتعرف المتعلم على المفردات الجديدة أن يحلل المتعلم الدرس تحليلاً لغوياً صحيحاً أن يستنتج المتعلم أهداف مركز محمد بن راشد للفضاء أن يتحدث المتعلم عن محطة الفضاء في دولة الإمارات العربية المتحدة</p> <p>Resources needed:</p>

<p>حل تمرينات الدرس الواجب: كتابة مقدمة بحثية عن المتنبى</p>	<p>الكتاب المدرسي (العرض التقديمي) بور بوينت فيديو عن القمر الصناعي خليفة سات</p> <p>Homework/Assignments: يجيب الطالب عن أسئلة الكتاب المدرسي أوراق عمل مختلفة يكتب المتعلم فقرة حول موضوع الدرس</p>
PHYSICS	BIOLOGY
<p>Topics: Gravitational Field</p> <p>Learning Objectives: To understand and apply concepts of field strength, gravitational potential, escape velocity. To solve related problems.</p> <p>Resources needed: Copy book, calculator, stationeries</p> <p>Homework/Assignments: Topic 1 assignment – uploaded in Ms Teams</p>	<p>Topics: 1) Anaerobic Respiration 2) Photosynthesis</p> <p>Learning Objectives:</p> <ul style="list-style-type: none"> To differentiate between alcohol fermentation in plants and lactate fermentation in animals . Able to identify the adaptation of rice plants in wet fields Able to understand the structure and function of chloroplast and explain calvin cycle <p>Resources needed: Text book , stationeries ,PPT ,video</p> <p>Homework/Assignments: Activity sheet /workbook to be completed and solve end of chapter questions</p>
ISLAMIC ARABIC	ISLAMIC EDUCATION
<p>Topics: وقاية المجتمع من الجرائم الأخلاقية</p> <p>Learning Objectives:</p> <ul style="list-style-type: none"> أن يتلو الطالب الآيات الكريمة تلاوة صحيحة مجودة ويفسر الآيات تفسيراً إجمالياً مع معانيها <p>ويستنتج بعض دلالات الآيات وواضح المواقف الواردة</p> <p>Resources needed: الكتاب المدرسي البوربوينت</p>	<p>Topics: Surah Al Noor</p> <p>Learning Objectives: Explain the meaning of the Quranic Ayah. Describe the story of Hazrat Ayasha R.A</p> <p>Resources needed: Book, PPT, online site,</p> <p>Homework/Assignments: Memorize the first 2 ayah of the surah al noor</p>

<p>منصة ألف</p> <p><u>Homework/Assignments:</u></p> <p>حل أنشطة الطالب بالكتاب المدرسي حفظ الآيات الكريمة ومعاني الكلمات</p>	
CHEMISTRY	ACCOUNTING
<p><u>Topics:</u> Topic 23.3 and 23.4 Energetics</p> <p><u>Learning Objectives:</u> Entropy changes calculations Gibbs free energy change Effect of temperature on reaction feasibility.</p> <p><u>Resources needed:</u> Smart board Topical past papers Textbook Relevant websites</p> <p><u>Homework/Assignments:</u> Questions from textbook/topical past papers</p>	<p><u>Topics:</u> Budgeted Income Statement Budgeted Statement of Financial Position</p> <p><u>Learning Objectives:</u> To formulate budgeted income statement and statement of financial position</p> <p><u>Resources needed:</u> Task Sheets Formats Topical questions (Soft copy) Accounting AS & A level by David Hopkins</p> <p><u>Homework/Assignments:</u> Topical past paper questions</p>
BUSINESS	ECONOMICS
<p><u>Topics:</u> 6.1 External influences on business activity</p> <p><u>Objectives:</u> To analyse the impact of changes in political and legal factors on business and business decisions To analyse How government might intervene to help businesses and encourage enterprise To analyse How government might intervene to constrain business activity To Analyse How government might deal with market failure</p> <p><u>Resources needed:</u> ISBN:9781108921220</p>	<p><u>Topics:</u> Marginal Utility and consumer choice</p> <p><u>Learning Objectives:</u> To understand the meaning of Utility To distinguish between and TU To analyze the limitations of MU analysis To evaluate consumer's equilibrium with the help of IC analysis</p> <p><u>Resources needed:</u> <u>Student's Course of A level Economics</u></p> <p><u>Homework/Assignments:</u> Compare the utility analysis with that IC analysis in</p>



AL AIN JUNIORS SCHOOL

www.economist.com/topics/privatisation-and-nationalisation

Homework/Assignments:

Do you think employers should offer their workers even better employment rights, than those they are legally required to provide? Justify your answers with valid points.

terms of consumer's equilibrium determination-Go through the Student's manual (Textbook) and pen down the solution in the Notebook

