

AL AIN JUNIORS SCHOOL- BRITISH SYSTEM

LEARNING TRAILS

AY 2023-24: Term 2_Week 6 (5th to 9th February 2024)

GRADE 10

ENGLISH	MATHEMATICS
<p>Topics: Reading & Writing</p> <p>Learning Objectives: Students will practice the real exam type of questions to enhance their skills in Reading and Writing.</p> <p>Resources needed: Past paper booklet</p> <p>Homework/Assignments: Students will practice some topics of Speaking at home which will be assessed in the class next week.</p>	<p>Topics: Probability</p> <p>Learning Objectives: Calculate the probability using tree diagrams. Calculate the probability using Venn diagrams. Calculate conditional probability</p> <p>Resources needed: Text book, save my exams, past paper questions Calculator</p> <p>Homework/Assignments: Weekly past papers, class test, daily five questions</p>
ADVANCED ARABIC	GENERAL ARABIC
<p>Topics: أسلوب الاختصاص</p> <p>Learning Objectives: أن يتعرف أسلوب الاختصاص أن يعرب أسلوب الاختصاص إعراباً صحيحاً أن يوظف أسلوب الاختصاص في مواقف حياتية</p> <p>Resources needed: الكتاب المدرسي - بوربوينت - منصة ألف</p> <p>Homework/Assignments: حل أسئلة الكتاب - حل أسئلة منصة ألف</p>	<p>Topics: التدخين والإدمان</p> <p>Learning Objectives: أن يتعرف الطالب المفردات الجديدة أن يذكر الطالب مخاطر التدخين على الفرد أن يتحدث الطالب عن المشكلة بالنص</p> <p>Resources needed: الكتاب المدرسي _ بوربوينت _ أنشطة تعليمية صافية</p> <p>Homework/Assignments: أن يكتب الطالب عن التدخين وأضراره على الشخص</p>
PHYSICS	BIOLOGY
<p>Topics: Solar system The sun as a star Stars</p> <p>Learning Objectives: Explain solar system. Explain the features of the sun as a star. Illustrate the star formation.</p>	<p>Topics: Organisms and their environment</p> <p>Learning Objectives:</p> <ul style="list-style-type: none"> • Describe selective breeding • Outline the differences between natural and artificial selection • Discuss the advantages of using a pyramid of energy rather than pyramids of numbers or biomass to represent a food chain

<p><u>Resources needed:</u> Textbook Workbook</p> <p><u>Homework/Assignments:</u> Solve the workbook questions 22A and 22B.</p>	<ul style="list-style-type: none"> Describe the carbon cycle and describe the nitrogen cycle. <p><u>Resources needed:</u> Textbook, Task sheets and past papers</p> <p><u>Homework/Assignments:</u> Revise 2021 Feb/March paper 42</p>
ISLAMIC ARABIC	ISLAMIC EDUCATION
<p><u>Topics:</u> آداب اللباس</p> <p><u>Learning Objectives:</u> أن يوضح الطلاب أهمية اللباس أن يميز الطلاب بين ما يحل من اللباس والزينة لكل من الرجل والمرأة</p> <p><u>Resources needed:</u> الكتاب المدرسي بوربوينت أنشطة تعليمية منصة ألف</p> <p><u>Homework/Assignments:</u> حل أنشطة الطالب حل أسئلة منصة ألف</p>	<p><u>Topics:</u> Islamic Dress Code</p> <p><u>Learning Objectives:</u> 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><u>Resources needed:</u> Board, projector, marker, textbook, Papers, sticky Papers.</p> <p><u>Homework/Assignments:</u> Solve students' activity in textbook</p>
CHEMISTRY	ICT
<p><u>Topics:</u> Polymers</p> <p><u>Learning Objectives:</u></p> <ul style="list-style-type: none"> Define polymers. Describe the formation of poly(ethene). Identify the repeat units and / or linkages in addition polymers and in condensation polymers. Deduce the structure or repeat unit of an addition polymer and condensation polymer. Describe the differences between addition and condensation polymerization. 	<p><u>Topics:</u> Embedded Systems Web Authoring</p> <p><u>Learning Objectives:</u> Describe embedded system Able to create a webpage using meta data</p> <p><u>Resources needed:</u> Web expressions, notebook, text book</p> <p><u>Homework/Assignments:</u> Solve Past paper questions – June 2022-paper 31</p>

- Describe and draw the structure of: (a) nylon, a polyamide (b) PET, a polyester.

Resources needed:

The Periodic Table, Workbook, Textbook

Homework/Assignments:

Daily Questions, Weekly Assignment and Past Paper Questions.

ACCOUNTING

Topics:

Correction of errors -Suspense account

Learning Objectives:

To formulate suspense account to transfer the unexplained difference in trial balance

Resources needed:

Task Sheet
Text book

Homework/Assignments:

Topical questions

BUSINESS STUDIES

Topics:

Ethical issues of business

Learning Objectives:

To explain the social costs and social benefits of business activities.

Resources needed:

Textbook
Case studies

Homework/Assignments:

Solving topical past papers.

ECONOMICS

Topics: Cost-Benefit Analysis

Learning Objectives:

- Define and be familiar the concept of cost-benefit analysis (CBA).
- Recognize the importance of CBA in evaluating choices.
- Define, identify and categorize different types of costs in production.
- Analyse the relationship between costs and benefits in the production process.
- Describe how cost-benefit analysis contributes to efficient resource allocation.
- Define advertising and understand its role in marketing.
- Identify various types of advertising methods and channels and analyze the purpose and impact of advertising on consumer behaviour.

Resources needed: Power point presentation, Activity sheet

Homework/Assignments: Create an advertisement and post it on Microsoft teams