

AL AIN JUNIORS SCHOOL- BRITISH SYSTEM
LEARNING TRAILS
AY 2023-24: Term 1_ Week 10 (30th to 3rd November 2023)
GRADE 9

ENGLISH	MATHEMATICS
<p><u>Topics:</u></p> <p>Letter writing(friendly letter)</p> <p>Language focus(the zero first conditionals)</p> <p>Form filling</p> <p><u>Learning Objectives:</u></p> <p>Write a letter</p> <p>Use zero first conditionals</p> <p>Complete form filling exercise</p> <p><u>Resources needed:</u></p> <p>Ppt</p> <p>Video</p> <p>Group work</p> <p>Worksheets</p> <p><u>Homework/Assignments:</u></p> <p>Write a letter base on the question that will be posted on teams during the week</p>	<p><u>Topics:</u></p> <p><u>Learning Objectives:</u></p> <p>Factorise Quadratic (trinomial) expression. e.g. x^2+6x+8 and $3x^2+13x+4$</p> <ul style="list-style-type: none"> • The difference of two squares e.g. $a^2 - b^2$ <p>Solve simple linear equations in one unknown.</p> <ul style="list-style-type: none"> • Derive and solve simple linear equations in one unknown. • Solve simultaneous linear equations in two unknowns. <p><u>Resources needed:</u></p> <p>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 • Weekly Test (Every MONDAY) • Question of the day (Monday to Thursday 6:00pm to 11:59 pm)

ADVANCED ARABIC	GENERAL ARABIC
<p>Topics: اسم الفاعل</p> <p>Learning Objectives; أن يشتق المتعلم اسم الفاعل من الفعل الثلاثي وغير الثلاثي أن يعرب المتعلم اسم الفاعل ويوظفه في مواقف حياتية</p> <p>Resources needed: الكتاب المدرسي - الدفتر - العرض التقديمي - منصة ألف</p> <p>Homework/Assignments: حل تمرينات الدرس + التمرينات الموجودة في منصة ألف</p>	<p>Topics: (من يومياتي) الاستماع + التحدث</p> <p>Learning Objectives; يتعرف معنى اليوميات يستنتج أهمية اليوميات على المستوى الشخصي وغير الشخصي</p> <p>Resources needed: الكتاب العرض أوراق عمل</p> <p>Homework/Assignments: في فيديو صغير تحدث عن بعض يومياتك</p>
PHYSICS	BIOLOGY
<p>Topics: FORCES Effects of forces</p> <p>Learning Objectives; Sketch, plot and interpret load-extension graphs for an elastic solid and describe the associated experimental procedures. Define the spring constant as force per unit extension Problem solving questions of $K = fx$</p> <p>Resources needed: POWER POINT, VIDEOS, ASSIGNMENTS, NOTEBOOKS</p> <p>Homework/Assignments: PREVIOUS YEAR QUESTIONS</p>	<p>Topics: Diffusion and factors that influence diffusion</p> <p>Learning Objectives; Investigate the factors that influence diffusion limited to surface area, temperature, concentration gradients and distance.</p> <p>Resources needed: Videos, task sheet, Textbook</p> <p>Homework/Assignments: Worksheet 3.1 and 3.2 https://edpuzzle.com/media/6256f7b27567ee42e03e030f</p>
CHEMISTRY	ENVIRONMENTAL MANAGMENT
<p>Topics: Atoms, Elements and Compounds</p> <p>Learning Objectives: Describe the differences between elements, compounds and mixtures. Describe the structure of the atom.</p>	<p>Topics: Human population Changes in population size</p> <p>Learning Objectives; describe and explain the growth curve of populations</p>

<p>State the relative charges and relative masses of a proton, a neutron and an electron. Define proton number/ atomic number. Define mass number/nucleon number. Determine the electronic configuration of elements and their ions with proton number 1 to 20.</p> <p>Resources needed: The Periodic Table, Workbook and notebook</p> <p>Homework/Assignments: Daily Questions, Weekly Assignment and Past Paper Questions</p>	<p>describe and explain the changes in human population</p> <p>Resources needed: PPT, Assessment sheets, and Past Papers</p> <p>Homework/Assignments: Assignment/ Research on Demography change in an area</p>
ISLAMIYAT	ISLAMIC STUDIES
<p>Topics:</p> <p>Learning Objectives:</p> <p>Resources needed:</p> <p>Homework/Assignments:</p>	<p>Topics: Inhabitants of the City</p> <p>Learning Objectives: Evaluate the message of contained in the verses Explain the Stance of the Inhabitants of the City took toward the Messengers of Allah</p> <p>Resources needed: "Textbook PowerPoint Educational Activities</p> <p>Homework/Assignments: Student Activities, Solving Questions from the Alf Platfor</p>
URDU	PAKISTAN STUDIES
<p>Topics: Multiple Matching</p> <p>درست الفاظ یا جملے کو مناسب پیرا گراف میں تلاش کرنا۔</p> <p>Learning Objectives:</p> <ul style="list-style-type: none"> عبارت کو بغور پڑھنا اور متن کے خیالات اور آرا کو سمجھنا 	<p>Topics: Mineral Resources</p> <p>Learning Objectives: To Identify the location of the mineral resources found in Pakistan To analyze different extraction methods of the mineral resources in Pakistan</p>

- پوچھے گئے سوال کا متعلقہ پیرا گراف سے درست جواب تلاش کرنا۔
- درست جواب پر ٹک کا نشان لگانا۔

Resources needed:

- نصابی کتاب - 1
- کاپی
- پروجیکٹر
- پی پی ٹی

Homework/Assignments:

- لکھائی:
- - نمونے کے مشق مکمل کریں 5
- کلاس ٹیسٹ
- عبارت کی پڑھائی کریں

Resources needed:

Map, Textbook, Notebook,

Homework/Assignments:

Research and write about the importance of Mineral resources for the Pakistan's energy Sector.

ICT

TRAVEL AND TOURISM

Topics:

Direct Input Devices

Learning Objectives:

To know the purpose of and be able to identify the different direct input devices
To understand the uses of each direct input device.
To be able to discuss the advantages and disadvantages of each direct input device.

Resources needed:

Laptop, Videos, Worksheets, ICT lab

Homework/Assignments:

Compare OCR and OMR
Document Production
Styles
Layout

Topics:

2.1 The scale of travel and tourism
(a) Factors affecting tourism demand and how they are managed

Learning Objectives:

To Explain the factors affecting tourism demand and how destinations can manage them.

Resources needed:

Text book

Homework/Assignments:

Learners research ways that their country can/have managed the factors like disease, security and safety, fashion and trends, government investment, etc and the impact on demand.

ACCOUNTING	BUSINESS STUDIES
<p>Topics: Books of prime entry- Cash book</p> <p>Learning Objectives: Explain the use of and process accounting data in the books of prime entry: cash book Formulate cash book to calculate the closing balance of cash and bank</p> <p>Resources needed: PPT Formats Topical questions</p> <p>Homework/Assignments: Topical questions www.igcseaccounts.com</p>	<p>Topics: 1.4.1The main features of different forms of business organisation</p> <p>Learning Objectives: To Explain the main features of different forms of business organization. To Recommend and justify a suitable form of business organisation for a given situation</p> <p>Resources needed: Cambridge IGCSE and O Level Business Studies: Coursebook ISBN 9781108563987</p> <p>Homework/Assignments Write the names of 50 business organisations in UAE and classify them on the basis of ownership.</p>
ECONOMICS	UAE ARABIC
<p>Topics: Supply</p> <p>Learning Objectives: Define and understand the concept of supply Discuss the factors that affect supply</p> <p>Resources needed: https://www.youtube.com/watch?v=qMX3CJDt22o https://www.youtube.com/watch?v=btpXwJWoM8 E</p> <p>Homework/Assignments: Research about the goods and services that are supplied by UAE</p>	<p>Topics: لوحة: الملامح الطبيعية للوطن العربي الدرس: موقع الوطن العربي و اهميته ثانيا : أهمية موقع الجغرافي للوطن العربي</p> <p>Learning Objectives; يتعرف المفاهيم و المصطلحات يحدد أهمية موقع الوطن العربي</p> <p>Resources needed: عرض تقديمي أوراق عمل أنشطة صفية الكتاب المدرسي</p> <p>Homework/Assignments: حل الأنشطة بالكتاب المدرسي منصفه الف</p>

MORAL SOCIAL CULTURAL STUDIES	ISLAMIC ARABIC
<p><u>Topics:</u> The Falaj Sysytem in UAE</p> <p><u>Learning Objectives:</u> To understand the historical significance and practical aspects of the falaj system in the United Arab Emirates (UAE), including its role in water management, agriculture, and its cultural and social importance to the region.</p> <p><u>Resources needed:</u> Case study on Al Ain Oasis Videos, PPTS</p> <p><u>Homework/Assignments:</u> Make a research work on the significance of Al Ain Oasis in AL Ain</p>	<p><u>Topics:</u> <u>درس سلامة المجتمع - سورة الحجرات</u></p> <p><u>Learning Objectives:</u> تلو الآيات الكريمة تلاوة صحبحة أفسر معاني الكلمات القرآنية أوضح المعنى الإجمالي للآيات</p> <p><u>Resources needed:</u> الكتاب المدرسي _ بوربوينت _ أنشطة تعليمية</p> <p><u>Homework/Assignments:</u> مراجعة البوربوينت للدرس حل أنشطة الطالب بالكتاب المدرسي حل الدرس بمنصة ألف</p>