



LEARNING TRAILS AY 2024-25

GRADE: 10

TERM 2_WEEK 6 (10th February to 14th February 2025)

ENGLISH	MATHEMATICS
<p>Topics: Reading</p> <p>Learning Objectives: *demonstrate understanding of specific factual information. * demonstrate understanding of the connections between the ideas, opinions and attitudes.</p> <p>Resources needed: Past papers booklet</p> <p>Homework/Assignments:</p>	<p>Topics: Construction, sketching of graph</p> <p>Learning Objectives: To be able to construct the triangles using compasses To be able to sketch the given function</p> <p>Resources needed: Geometry box, graph book, past papers</p> <p>Homework/Assignments: Daily practice questions, weekly past papers</p>
ADVANCED ARABIC	GENERAL ARABIC
<p>Topics: قصة / الكرتونة</p> <p>Learning Objectives: أن يحلل المتعلم تطور الفكرة الرئيسة أو وجهة النظر في النص وكيف نتجت وتشكلت وتطورت من خلال تفاصيل محددة</p> <p>Resources needed: الكتاب المدرسي - العرض التقديمي - السبورة الذكية</p> <p>Homework/Assignments: حل تمرينات الدرس</p>	<p>Topics <u>إعادة التدوير</u></p> <p>Learning Objectives: أن يتعرف الطالب المفردات الجديدة أن يذكر الطالب التأثيرات السلبية للبلاستيك على الأحياء البحرية أن يجيب الطالب عن الأسئلة</p> <p>Resources needed: الكتاب المدرسي _ بوربوينت</p> <p>Homework/Assignments: <u>أن يكتب الطالب فقرة عن تأثيرات البلاستيك على البيئة</u></p>
PHYSICS	BIOLOGY
<p>Topics: Alternative to practicals</p> <p>Learning Objectives:</p>	<p>Topics: Organisms and environment and human influence in environment</p> <p>Learning Objectives:</p>



To investigate the principle of moments.
To solve planning questions in from alternative to practical's.
Investigating the rate of cooling of water under different conditions.

Resources needed:

Meter rule, Graph, Past paper booklet

Homework/Assignments

Solving questions from past papers

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- Describe a population as a group of organisms of one species, living in the same area, at the same time 2 Describe a community as all of the populations of different species in an ecosystem 3 Describe an ecosystem as a unit containing the community of organisms and their environment, interacting together 4 Identify and state the factors affecting the rate of population growth for a population of an organism, limited to food supply, competition, predation and disease 5 Identify the lag, exponential (log), stationary and death phases in the sigmoid curve of population growth for a population growing in an environment with limited resources
- Describe how humans have increased food production
- Describe the advantages and disadvantages of large-scale monocultures of crop plants
- Describe the advantages and disadvantages of intensive livestock production
- Explain the undesirable effects of deforestation as an example of habitat destruction

Resources needed:

Text book, educational webs, videos.

Homework/Assignment

Tasks, Workbook, past papers.



CHEMISTRY	ICT
<p>Topics: Organic Chemistry - Polymers</p> <p>Learning Objectives: Describe and draw the structure of: (a) nylon, a polyamide (b) PET, a polyester State that plastics are made from polymers Describe the environmental challenges caused by plastics Describe proteins as natural polyamides and that they are formed from amino acid monomers Describe and draw the structure of proteins</p> <p>Resources needed: Textbook, workbook, periodic table, ppts, video</p> <p>Homework/Assignments: Daily questions, Weekly Assignment and past paper questions.</p>	<p>Topics: Webauthoring Chapter 6 - Revision</p> <p>Learning Objectives: Design a webpage and upload a video</p> <p>Resources needed: Web expressions, PPTS, Videos</p> <p>Homework/Assignments: Class assessment will be conducted on chapter 6 at second ICT theory period.</p>
ISLAMIC ARABIC	ISLAMIC EDUCATION
<p>Topics: <u>الدنيا دار عمل</u></p> <p>Learning Objectives: أن يتلو الطلاب الآيات الكريمة تلاوة مجودة وصحيحة أن يفسر الطلاب معاني المفردات القرآنية أن يحلل الطلاب بعض دلالات الآيات الكريمة</p> <p>Resources needed: الكتاب المدرسي العرض التقديمي الشبكة العنكبوتية السيبورة الذكية</p> <p>Homework/Assignments: حفظ الآيات الكريمة حل أنشطة الكتاب المدرسي مراجعة العرض التقديمي للدرس</p>	<p>Topics: The World is a Place of Action</p> <p>Learning Objectives:</p> <ul style="list-style-type: none">• Students should recite the noble verses with proper Tajweed and accuracy.• Students should interpret the meanings of Quranic vocabulary.• Students should analyze some of the implications of the noble verses. <p>Resources Needed:</p> <ul style="list-style-type: none">• Textbook• Presentation• Internet• Smartboard



	<p>Homework/Assignments:</p> <ul style="list-style-type: none"> • Memorize the noble verses. • Solve the textbook activities. • Review the lesson presentation.
ACCOUNTING	BUSINESS STUDIES
<p>Topics: Partnership Accounting and Inventory valuation -Revision</p> <p>Learning Objectives: To formulate financial statements of partnership business To value inventory valuation based on inventory valuation rule</p> <p>Resources needed: Text book Task sheets Formats</p> <p>Homework/Assignment: Topical questions</p>	<p>Topics: Ethical issues of Business</p> <p>Learning Objectives: To analyse the actions of pressure groups and the reactions of business towards ethical issues.</p> <p>Resources needed: E book Topical Case studies</p> <p>Homework/Assignments: Practicing past papers</p>
ECONOMICS	
<p>Topics: Market economic system and market failure Revision</p> <p>Learning Objectives: To recapitulate the concepts of market economic system To recall the basic terms of market failure To discuss the concepts of types of market system</p> <p>Resources needed: Textbook Past paper questions Calculator</p> <p>Homework/Assignments: Topical questions</p>	