



LEARNING TRAILS AY 2026-27

YEAR: 11

TERM 1_WEEK 2(Sep 7th -11th , 2026)

ENGLISH AS A SECOND LANGUAGE	MATHEMATICS
Topic: Impromptu Speaking Learning Objectives: • develop learners' ability to understand and use the language in a range of situations. • focus on practical communication for everyday use. • demonstrate confidence, fluency, and spontaneous speaking skills by responding to an unfamiliar topic with clear focus and minimal hesitation, repetition, or digression. • think, organize ideas, construct sentences, present and write them independently on the topics given. • Resources needed: • Textbook- ISBN 9789815027730, PPT • Topics suitable for the task. (cue cards) • Notebook • Homework/Assignments: • Topic question: Write an autobiography/Paragraph using ideas in the box on Pg 3 (Refer to- 7 & Language Focus 2) in about 80 words in a paragraph describing yourself. Write at least 2 compound sentences and 2 complex sentences.	Topics: Trigonometry Learning Objectives: To know how to identify hypotenuse of a right-angled triangle. To know how to find the unknown sides of a right-angled triangle by using simple trigonometric ratios. To know how to find the unknown angle of a right angle triangle by using trigonometric ratios. Resources needed: Text book, Calculator, 2D shape Homework/Assignments: Daily practice questions, weekly assignment
ADVANCED ARABIC	GENERAL ARABIC



Topics:

حديث شريف : حسن الخلق

pLearning Objectives:

أن يفسر المتعلم معاني المفردات الجديدة

أن يستنتج المتعلم الفكرة العامة للحديث

أن يوضح المتعلم الدروس المستفادة من الحديث الشريف

أن يتحدث المتعلم عن أهمية حسن الخلق

أن يقارن المتعلم بين الخلق الحسن والخلق السيئ

Resources needed:

الكتاب المدرسي العرض التقديمي دفتر الطالب - منصة

ألف

Homework/Assignments:

اكتب نصا إقناعيا عن أهمية حسن الخلق

Topics

أنا مسؤول

Learning Objectives:

- أن يستمع الطالب إلى نص قصير عن المسؤولية باهتمام وتركيز.
- أن يتعرف الطالب المفردات الجديدة المتعلقة بالمسؤولية والواجبات.
- أن يحدد الطالب الفكرة العامة للنص المسموع.
- أن يستخرج الطالب معلومات بسيطة عن مسؤوليات الشخص في البيت والمدرسة والمجتمع.
- أن يجيب الطالب عن أسئلة شفوية بسيطة بعد الاستماع إلى النص.
- أن يميز الطالب بين السلوك المسؤول والسلوك غير المسؤول من خلال مواقف مسموعة.
- أن يرتب الطالب أحداثاً أو مواقف مرتبطة بالمسؤولية ترتيباً صحيحاً.
- أن يتحدث الطالب بجملة بسيطة عن مسؤولياته في البيت والمدرسة.

Resources needed:

الكتاب المدرسي _ بوربوينت _ صور ومواقف عن المسؤولية _ تسجيل صوتي للنص _ بطاقات كلمات _ دفتر الطالب

Homework/Assignments:

حل أنشطة الكتاب المدرسي - حل ورقة العمل الخاصة بالدرس - كتابة 5 جمل بسيطة عن مسؤوليات الطالب في البيت والمدرسة

PHYSICS

Topics:

4.2.2 Electric Current

4.2.3 Electromotive force and Potential Difference

4.2.4 Resistance

BIOLOGY

Topics:

Respiration in Organisms

Learning Objectives:

1 State the uses of energy in living organisms, including: muscle contraction, protein synthesis, cell division, active transport, growth, the passage of nerve impulses and the maintenance of a constant body temperature



Learning Objectives:

Define electric current as the charge passing a point per unit time; recall and use the equation

Define electromotive force (e.m.f.) and P.D

Describe the use of voltmeters (analogue and digital) with different ranges

Describe an experiment to determine resistance using a voltmeter and an ammeter and do the appropriate calculations

Sketch and explain the current–voltage graphs for a resistor of constant resistance, a filament lamp and a diode

Recall and use the following relationship for a metallic electrical conductor:

- a. resistance is directly proportional to length
- b. resistance is inversely proportional to cross-sectional area

Resources needed:

https://phet.colorado.edu/sims/html/circuit-construction-kit-dc-virtual-lab/latest/circuit-construction-kit-dc-virtual-lab_en.html

PPT, Text Book, Past paper questions

Homework/Assignments:

Read the text book and prepare the notes and solve the worksheet

2 Investigate and describe the effect of temperature on respiration in yeast

3 Describe aerobic respiration as the chemical reactions in cells that use oxygen to break down nutrient molecules to release energy

4 State the word equation for aerobic respiration as: glucose + oxygen → carbon dioxide + water and define anaerobic respiration

5. State that anaerobic respiration releases much less energy per glucose molecule than aerobic respiration

6. State the word equation for anaerobic respiration in yeast and State the word equation for anaerobic respiration in muscles during vigorous exercises

Resources needed:

Text book, Presentations, Laptop, Past papers.

Homework/Assignment

Read Text book on the given topic revise the given grade 9 topic.



CHEMISTRY	ICT
Topics: 12. Experimental Techniques and chemical analysis 12.1 Experimental design Learning Objectives: -Name appropriate apparatus for the measurement of time, temperature, mass and volume, -Suggest advantages and disadvantages of experimental methods and apparatus -Describe a: (a) solvent as a substance that dissolves a solute (b) solute as a substance that is dissolved in a solvent (c) solution as a mixture of one or more solutes dissolved in a solvent (d)saturated solution as a solution containing (e)the maximum concentration of a solute dissolved in the solvent at a specified Temperature residue as a substance that remains after (f)evaporation, distillation, filtration or any similar process filtrate as a liquid or solution that has passed through a filter Resources needed: PPT, Videos, Pastpapers Homework/Assignments: Workbook, worksheet and questions set provided	Topics: 7.1: Analysis 18: Databases Learning Objectives: Theory - Describe the need to collect data such as the problems with the current system, user requirements, and information requirements. - Evaluate different data collection methods including observation, interviews, questionnaires, and examining existing documents Practical: Database (MS Access) • Import data from existing files (including .csv, .txt) using specified field names to create tables • Set appropriate data types to fields including text, numeric (integer, decimal, currency), date/time, Boolean/logical • Set sub-types of numeric data including percentage, number of decimal places • Set display format of Boolean/logical field (yes/no, true/false, checkbox) • Set display format of date/time data • Create relationships between tables Resources needed: Lesson PPT, Notebooks, A4 sheets, Stationeries, Worksheets Homework/Assignments: Choose one software system you use in your daily life. Write one input, one output, and one problem about the system. What is one additional feature you would prefer to have in the software?



ISLAMIC ARABIC	ISLAMIC EDUCATION
Topics: <u>سورة الكهف</u> Learning Objectives: أن يتلو الآيات تلاوة صحيحة مجودة ويفسر الآيات أن يبين أسباب النزول للآيات الكريمة أن يحلل بعض دلالات الآيات الكريمة ويحرص على القيم التي تضمنتها الآيات الكريمة Resources needed: • القرآن الكريم. • الكتاب المدرسي. • السبورة الذكية وجهاز العرض. • بطاقات تدريب على أحكام التجويد. • أوراق عمل للتدريب على التلاوة. Homework/Assignments: التدرب على تلاوة الآيات (1-8) في المنزل تلاوة صحيحة حفظ الآيات الكريمة محل الدرس .	Topics: Surah Al-Kahf (Verses 1–8) Learning Objectives: By the end of the lesson, students will be able to: • Recite Surah Al-Kahf (Verses 1–8) correctly with proper Tajweed. • Explain the reasons for the revelation (<i>Asbab al-Nuzul</i>) of the verses. • Analyze some of the meanings and lessons derived from the verses. • Demonstrate an appreciation of the Islamic values and morals highlighted in the verses. Resources needed: • The Holy Qur'an • Student Textbook • Interactive Whiteboard and Projector • Tajweed Rule Flashcards • Recitation Practice Worksheets Homework/Assignments: • Practise reciting Surah Al-Kahf (Verses 1–8) at home with correct pronunciation and Tajweed. • Memorize Surah Al-Kahf (Verses 1–8) covered in today's lesson.
ACCOUNTING	BUSINESS STUDIES
Topics: Accounts of Clubs and Societies Learning Objectives :	Topics: 3.1 Marketing, competition and the customer



- Explain the purpose and features of accounts prepared by clubs and societies.
- Distinguish between capital and revenue receipts/payments.
- Prepare a Receipts and Payments Account.

Resources Needed:

- PowerPoint/interactive board
- Textbook
- Worked examples and task sheets
- Topical questions

Homework/Assignment:

- Complete a structured worksheet on Receipts and Payments Account a

Learning Objectives:

To explain the need for market research

Resources needed:

Cambridge IGCSE and O Level Business Studies:
Coursebook
ISBN 9781108563987

<https://quizlet.com/in/557770492/igcse-0450-business-studies-chapter-10-marketing-competition-and-the-customer-flash-cards/>

Homework/Assignments:

Identify various changes in marketing activities carried out in U.A.E. in the last 2 years.

ECONOMICS

Topics:

Supply side policy

Learning Objectives:

To explain the supply side policy measures education and training, infrastructure spending, labour market reforms

To discuss the effects of supply side policy on government macroeconomic aims

To Explain the effects of supply side policy measures on government macroeconomic aims

Resources needed:

Text book

PPT

Task sheet

Past Papers

Homework/Assignments:

Topical questions