



2026/2027 SYLLABUS DISTRIBUTION

SUBJECT (ICT) **GRADE (12/SS)**

Term 1

Theory

Digital Citizenship & Online Safety - Upper Grades Lessons

- Balance
- Informed
- Inclusive
- Engaged
- Project

AI & Machine Learning

- Explore Gemini
- AI and Art
- AI powered vs human translator
- AI and Art
- Project

Practical

Mindstorms robot

- Assemble: EV3MEG
- Coding - EV3MEG

Microbit

- Clap lights
- Countdown
- Dice

- Arduino /Microcontroller
- Tinckercad/Build control system
- Tinckercad/Simulate control system



2026/2027 SYLLABUS DISTRIBUTION

SUBJECT: Saudi Stream Biology **GRADE: 12**

Term 1

Chapter 6 Human Body Systems
Chapter 7 Plants
Chapter 8 The Cell
Chapter 9 Genetics
Chapter 10 Ecology



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SUBJECT: Saudi Stream Chemistry **GRADE: 12SS**

Term 1

Chapter 9 Gas Laws

Chapter 10 Solutions

Chapter 11 Reaction Rate

Chapter 12 Chemical Equilibrium

Chapter 13 Acid and Bases

Chapter 14 Redox Reactions



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SUBJECT: Saudi Stream Physics

GRADE: 12SS

Term 1

Chapter 4 Light

Chapter 5 Electricity and electromagnetism

SYLLABUS DISTRIBUTION
Term 1 2026-27
MATHEMATICS, STATISTICS1- GRADE 11

	Topics (Chapters)	Learning Objectives
5.1	Representation of data (Chapters #1, 2 and 3)	Select a suitable way of presenting raw statistical data, and discuss advantages and/or disadvantages that particular representations may have.
		Draw and interpret stem-and-leaf diagrams, box-and-whisker plots, histograms and cumulative frequency graphs; including back-to-back stem-and-leaf diagrams.
		Understand and use different measures of central tendency (mean, median, mode) and variation (range, interquartile range, standard deviation), e.g. in comparing and contrasting sets of data.
		Use a cumulative frequency graph, e.g. to estimate medians, quartiles, percentiles, the proportion of a distribution above (or below) a given value, or between two values.
		Calculate and use the mean and standard deviation of a set of data (including grouped data) either from the data itself or from given totals Σx and Σx^2 , or coded totals $\Sigma(x - a)$ and $\Sigma(x - a)^2$, and use such totals in solving problems which may involve up to two data sets.
5.2	Permutations and combinations (Chapter #5)	Understand the terms permutation and combination, and solve simple problems involving selections.
		Solve problems about arrangements of objects in a line, including those involving – repetition (e.g. the number of ways of arranging the letters of the word 'NEEDLESS') – restriction (e.g. the number of ways several people can stand in a line if two particular people must, or must not, stand next to each other); Questions may include cases such as people sitting in two (or more) rows; questions about objects arranged in a circle will not be included.
5.3	Probability (Chapter #6)	Evaluate probabilities in simple cases by means of enumeration of equiprobable elementary events or by calculation using permutations or combinations, e.g. the total score when two fair dice are thrown, or drawing balls at random from a bag containing balls of different colours
		(Knowledge of the following probability notation may also be required: $P(A)$, $P(A \cup B)$, $P(A \cap B)$ $P(A B)$ and the use of A' to denote the complement of A)
		Use addition and multiplication of probabilities, as appropriate, in simple cases; explicit use of the general formula $P(A \cup B) = P(A) + P(B) - P(A \cap B)$ is not required.
		Understand the meaning of exclusive and independent events, including determination of whether events A and B are independent by comparing the values of $P(A \cap B)$ and $P(A) \times P(B)$
		Calculate and use conditional probabilities in simple cases, e.g. situations that can be represented by a sample space of equiprobable elementary events, or a tree diagram; the use of $P(A B) = \frac{P(A \cap B)}{P(B)}$ may be required in simple cases.



2026/2027 SYLLABUS DISTRIBUTION

SUBJECT: Mathematics **GRADE: 12 Saudi Stream**

Term 1

1. Lines and Angles

- a. Understand and apply properties of parallel and perpendicular lines, angle pairs, and angle relationships in polygons.

2. Triangles

- a. Classify triangles by sides and angles; apply properties and theorems related to triangles.

3. Polygons

- a. Identify and classify polygons; calculate interior and exterior angles; explore properties of regular polygons.

4. Transformations

- a. Understand and perform reflections, rotations, translations, and dilations on the coordinate plane.

5. Parts of a circle

- a. Identify and calculate properties related to circles, including radius, diameter, circumference, arcs, sectors, and segments.

6. Equation of a line

- a. Derive and apply various forms of the equation of a line: slope-intercept, point-slope, and general form.

7. Sets of Numbers

- a. Classify numbers into sets such as natural numbers, integers, rational numbers, and irrational numbers; understand their properties and relationships.

8. Matrices

- a. Perform operations on matrices, including addition, subtraction, multiplication, and finding determinants and inverses; solve systems of linear equations using matrices.

9. Polynomials

- a. Understand the structure of polynomials; perform operations such as addition, subtraction, multiplication, and division; apply the Remainder and Factor Theorems.

10. Arithmetic and Geometric sequences and series

- a. Identify and analyse arithmetic and geometric sequences; derive and apply formulas for n th terms and sums.

11. Variations, Combinations and Probability

- a. Understand and apply the concepts of direct and inverse variation; calculate permutations and combinations; solve probability problems.

12. Trigonometry

- a. Understand and apply trigonometric ratios; solve right-angled triangles; explore the unit circle and trigonometric identities.



2026/2027 SYLLABUS DISTRIBUTION

SUBJECT: ENGLISH

GRADE 12

IELTS Preparation

Term 1

Reading:

True / False / Not Given
Matching headings
Summary completion

Writing:

Task 1: grouping information in paragraphs
Introduction to Summarising graphs/charts/tables
Task 1: Summarising key features in more than one chart
Comparing graphs/charts/tables
Task 2: analysing the task and maintaining a clear position
Introduction to discursive writing

Speaking:

Part 1: about yourself
Part 2: talking about ambitions and aspirations
Part 2: maintaining fluency and coherence

Listening:

Form Completion
Flow-chart completion
Pick from a list

Vocabulary:

Vocabulary building and extension exercises linked to each unit