

MINISTRY OF EDUCATION
SECONDARY EDUCATION DIVISION
SOME TOPICS FOR TERM 1-2021

ENGLISH

S1	S2	S3	S4	S5
Describing people Informal letter	Notice writing Descriptive Writing	Letter of complaint Narrative Writing	For these two years, the students follow the IGCSE programs depending on their level either English as a Second Language (Core or Extended) or English as a 1 st Language or the General Education Skills Development Pathway programme of study.	

FRANÇAIS

S1	S2	S3	S4	S5
Se présenter Présenter quelqu'un La fiche d'identité Décrire une personne, un lieu Exploitation grammaticale	La correspondance Raconter un événement Exploitation grammaticale Exploitation des divers types de texte.	Le récit La Correspondance Exploitation grammaticale Exploitation des divers types de texte.	Les élèves suivent les programmes (objectifs) en préparation pour les examens du DELF scolaire selon leur niveau : A1, A2, B1 ou B2 ou le programme d'étude pour la voie d'Éducation Générale.	

In languages, teachers work to develop the four skills that is: Listening, Reading, Writing and Speaking of their students through a variety of topics. Some of these topics may be developed further through various sub-topics depending on the ability of the students.

MATHEMATICS

S1	S2	S3	S4	S5
<p>1. Number- Types of numbers</p> <p>2. Geometry- Shapes & Space - Lines and angles</p> <p>3. Algebra - Expressions and Substitution)</p> <p>4. Measures -Time and temperature</p> <p>5. Handling Data - Frequency tables & Averages</p>	<p>1. Number - Composite numbers, product, multiples, factors, prime numbers and prime factors</p> <p>2. Geometry - Shapes & Space – Construction of lines and angles</p> <p>3. Number – Decimals (+ – × ÷) & Rounding in decimals places</p> <p>4. Measures – Money</p> <p style="padding-left: 20px;">i. Bills</p> <p style="padding-left: 20px;">ii. Foreign currencies (\$,£,€)</p> <p style="padding-left: 20px;">iii. Conversion graphs to convert foreign currency</p> <p style="padding-left: 20px;">iv. Decide on better buy</p> <p>5. Number - Indices</p>	<p>1. Number - BIDMAS/ fractions [+/-x]</p> <p>2. Algebra - Substitution</p> <p>3. Geometry-Shapes & Space</p> <p style="padding-left: 20px;">(a) properties/ area of rhombus and kite, volume of prisms</p> <p style="padding-left: 20px;">(b)Missing angles</p> <p>i. angles at around a point</p> <p>ii. angles at a point on a straight line and intersecting lines</p> <p>ii. angles formed within parallel lines (simple diagram)</p> <p>4. Algebra - Linear equations/Subject of formula</p> <p>5. Handling Data Probability</p>	<p>1. Number –</p> <p>i. C1.1 /E1.1 prime numbers, square and cube numbers, factors and multiples, rational and irrational numbers, reciprocals.</p> <p>ii. C1.3 /E1.3 – squares and roots, cubes and roots and other powers and roots of numbers</p> <p>iii. C1.4/ E1.4 - directed numbers in practical situations</p> <p>iv. C1.9/ E1.9 – approximation & Estimate</p> <p>2. Algebra</p> <p>v. C2.1/E2.1 – expressions, Substitution and Formulae</p> <p>vi. C2.2/E2.2 – directed numbers, expanding brackets, factorisation</p> <p>Shapes and Space (Coordinate Geometry)</p> <p>vii. C3.1-C3.2/E3.1-E3.2 – Coordinates –gradient of line segment including rule</p> <p>viii. C3.4-C3.5/E3.4-E3.5 - equation of a straight line graph in the form $y = mx + c$.</p>	

			<p>equation of a straight line parallel to a given line</p> <p>ix. C4.2/E4.2 – lines and angles construct triangles with angles and sides given, using compasses</p> <p>4. Handling Data</p> <p>x. C9.1/ E9.1 - Collect, classify and tabulate statistical data.</p> <p>xi. C9.4/ E9.4 - Calculate the mean, median, mode and range</p>	
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SCIENCES

S1	S2	S3	S4	S5
<p>COMBINED SCIENCE</p> <ul style="list-style-type: none"> • Using the laboratory • Measurements • States of matter • Water sources and treatment • Water cycle and water pollution • Mixtures and separating techniques • Characteristics of life • Living cells. 	<p>COMBINED SCIENCE</p> <ul style="list-style-type: none"> • Metals and non-metals • Elements, mixtures and compounds • Oxygen and hydrogen • Symbols and formulae • Acids, bases and salts • Cell specialization and organization. 	<p>COMBINED SCIENCE</p> <ul style="list-style-type: none"> • Our senses • Kinetic theory of matter • Elements, mixtures and compounds/ and separating techniques • Physical and chemical changes • Rate of reaction • Exothermic and endothermic reactions • Osmosis and diffusion 	<p>S4 CHEMISTRY</p> <ul style="list-style-type: none"> • Particulate nature of matter • Experimental techniques • Atoms, elements and compounds • Stoichiometry <p>S4 PHYSICS</p> <ul style="list-style-type: none"> • Length and time • Motion • Mass and weight • Density <p>S4 BIOLOGY</p> <ul style="list-style-type: none"> • Characteristics and classification of living organisms • Organization of organisms • Movement in and out of cells • Biological molecules 	<p>S5 CHEMISTRY</p> <ul style="list-style-type: none"> • Stoichiometry and the mole concept • Metals • Air and water • sulfur <p>S5 PHYSICS</p> <ul style="list-style-type: none"> • General wave properties • Light • Electromagnetic spectrum • Sound • Atomic physics <p>S5 BIOLOGY</p> <ul style="list-style-type: none"> • Respiration • Excretion in humans • Coordination and response • Drugs • Reproduction

INFORMATION AND COMMUNICATION TECHNOLOGY

S1	S2	S3	S4	S5
<ul style="list-style-type: none"> • Computer Definition & Computer System Definition • Identifying types of Computers • The Use of Different Types of Computers • Hardware Definition • Software Definition • Differences Between Hardware and Software • Internet Definition • Connecting to the Internet & Using Search Engines • Email Creation 	<ul style="list-style-type: none"> • Definition of Peripheral Devices • Identifying Different Peripheral Devices • Definition of Storage Devices • Define Software • Ethical and Moral Aspects of using ICT • Communication Techniques • Information Extraction 	<ul style="list-style-type: none"> • Main Memory Units • Definition of Resolution • Displays • Network Systems • Impact of Using ICT • Applications of ICT • Effects of Computers • Computer Malpractice & Crime • Illegal Uses of ICT Systems • Professional Misconduct • Legal & Ethical Issues • MOE's Policy / Guidelines • Risks of Internet Access 	<p>THEORY</p> <ol style="list-style-type: none"> 1. Types and components of a computer system. 2. Input and output Devices 3. Storage Devices and Media 4. Document Production <p>PRACTICAL</p> <ol style="list-style-type: none"> 1. Types and components of a computer system 2. Input and Output Devices 3. Storage Devices and Media 4. File Management 5. Images 6. Layout 7. Styles 8. Proofing 9. Graphs and charts 10. Document production 	

GEOGRAPHY

S1	S2	S3	S4	S5
<ul style="list-style-type: none"> • Introduction to Geography. • The Earth in the Solar System. 	<ul style="list-style-type: none"> • The structure of the earth. • Rocks and Minerals 	<ul style="list-style-type: none"> • Development and trade. • Introduction to Industry and Fishing. 	<ul style="list-style-type: none"> • Population • Migration • Settlement • urbanisation 	<ul style="list-style-type: none"> • Industry and globalisation • Energy

HISTORY

S1	S2	S3	S4	S5
<p>1. What is History and how do we learn it?</p> <ul style="list-style-type: none"> • The Nature of History • Historical Sources • Early Civilisation 	<p>1. Colonisation</p> <ul style="list-style-type: none"> • The Emergence of colonization <p>2. History of Seychelles</p> <ul style="list-style-type: none"> • French colonization of Seychelles up to 1778 	<p>1. History of Seychelles</p> <ul style="list-style-type: none"> • Post-Independence Seychelles • The 3rd Republic 	<ul style="list-style-type: none"> • Peace Treaties • League of Nation 	<ul style="list-style-type: none"> • Cold War • Collapsed of International peace by 1939

DESIGN TECHNOLOGY

S1	S2	S3	S4	S5
<p>Introduction to DT in Society</p> <ul style="list-style-type: none"> • What is DT? • Safety & Health <p>Tools and Equipment</p> <ul style="list-style-type: none"> • Measuring / Marking out • Driving tools • Cutting & holding tools <p>The Design Process</p> <ul style="list-style-type: none"> • Basic: Design Flow charts. Modelling and design folio. • Research / specification ideas • Realization final solution • Testing and evaluation 	<p>Design, Technology and society</p> <ul style="list-style-type: none"> • Value system and culture of design and technology <p>Presentation of information</p>	<p>Presentation of information</p> <ul style="list-style-type: none"> • Freehand • Sketching • Rendering Techniques • Graphs and charts in 3d models • Production of accurate drawing • Layout of orthographic views 		

NB: For certain S5 classes, the teachers will be concentrating on perfecting and re-teaching certain contexts or topics that they feel students need additional help with.