DELHI PUBLIC SCHOOL INTERNATIONAL TEMA, GHANA



CLASS-VIII(IGCSE)-SCIENCE SYLLABUS 2020 - 2021



NAME:	

GRADE 8 CURRICULUM OVERVIEW DPS INTERNATIONAL GHANA

2020/2021

English

	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEN	1BER
	Curriculum Overview Unit 1	Unit 2 (Cambridge Coursebook)	Unit 3 (Cambridge Coursebook)	Unit 4 (Cambridge Coursebook)	Unit 5 (Cambridge Courseboo	k)
FIRST TERM	(Cambridge Coursebook) Unit 1 (Cambridge Workbook)	Unit 6 (Cambridge Coursebook) Units 2 & 6	Unit 3 (Cambridge Workbook) Units 2 & 3	Unit 4 (Cambridge Workbook)	Unit 5 (Cambridge Workbook) Unit 7	
	Informative writing, adverbials, connectives	(Cambridge Workbook) Affixation (Nouns), Modal verbs, punctuation	(Skills in English) Introduction to Literature	Unit 18 (Skills in English) Descriptive writing Affixation	(Skills in English) Formal letter writing Advertisement, CV writing	ting
	JANUARY	FEBUARY	MARCH	APRIL	MAY	JUNE

	Unit 7	Unit 8	Unit 11	Unit 9	Unit 10	Unit 12
	(Cambridge Coursebook)	(Cambridge Coursebook)	(Cambridge	(Cambridge	(Cambridge	(Cambridge
			Coursebook)	Coursebook)	Coursebook)	Coursebook)
	Unit 7	Unit 8				
SECOND	(Cambridge Workbook)	(Cambridge Workbook)	Unit 11	Unit 9	Unit 10	Unit 12
TERM	(carnariage Profitación)	(cambriage transcent	(Cambridge Workbook)	(Cambridge	(Cambridge	(Cambridge
and the same of th				Workbook)	workbook)	workbook)
ļ	Unit 1	Units 5 & 17				
	(Skills in English)	(Skills in English)	Unit 6	 Unit 13	Unit 14	Section F
***************************************			(Skills in English)			
				(Skills in English)	(Skills in English)	(Skills in English)
	Comparative analysis	Literary elements,				
	(poems), rhetorical questions	Narrative	Sentences, effective description.		News reports, debate	



CLASS: VIII / IG

SUBJECT: FRENCH

TEACHER: JONATHAN

	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
	Unité 1	Unité 2	Unité 3	Unité 4	Unité 5
FirstTerm	.En ville On fait des courses	.On fait des projets:	De jour en jour	EN FAMILLE	Bon appétit and revisions
	page 8-22	page 20-30	page 40-54	page 56-71	
	JANUARY	FEBRUARY	MARCH	APRIL	MAY
		Unité 5 (SUITE)	Unité 6	Unité 6 (suitc)	
Тетт	TERM 1 EXAM	Bon appétit	En voyage	En voyage(suite)	
SecondTerm					revision
		-page 72-86	page 88-102	page 88-102	

DELHI PRIVATE SCHOOL INTERNATIONAL, GHANA (8 IGCSE MATHEMATICS [EXTENDED] (0580) SYLLABUS) (2020/2021)

TERM 1 TOPIC CONTENT **MONTH** ASSESSMENT Identify and use natural numbers, integers (positive, negative and zero), prime numbers, Chapter 1 August Class Test Reviewing square and cube numbers, common factors and common multiples, rational and Assignment Number Concept irrational numbers (e.g. π , 2), real numbers, reciprocals. Notes Examples Includes expressing numbers as a product of prime factors. Finding the lowest common multiple (LCM) and highest common factor (HCF) of two numbers. Use letters to express generalised numbers and express basic arithmetic processes Chapter 2 September Class Test Making Sense of algebraically. Substitute numbers for words and letters in formulae. Rearrange simple Assignment Algebra formulae. Construct simple expressions and set up simple equations. Chapter 6 September Use brackets and extract common factors. Expand products of algebraic expressions. Class Test Equations & e.g. expand 3x(2x-4y)Assignment e.g. factorise $9x^2 + 15xy$ Two brackets only, e.g. expand (x + 4)(x - 7)Transforming Formulas Chapter 10 October Straight lines drawing ,gradient ,parallel lines and perpendicular lines Class Test Straight Lines and Assignment Quadratic expressions Ouadratic Equation Chapter 4 October Collecting and classifying data .Organising data Class Test Collecting Assignment Using charts to display data Displaying data Stem and Leaf Plot. Chapter 7 November Perimeter and Area in two dimensions Class Test Area & Perimeter Assignment All Chapters November Revision Revision test

(TERM 1 EXAMINATION) Wednesday 6th December, 2020



		TERM 2	
Chapter 5 Fraction , Percentage, and Standard Form	January	 Equivalent fractions and & operations on fractions Percentages Standard form & Estimation 	Class TestAssignment
Chapter 3 Lines, Angles and Shapes	February	 Lines , Angles &Triangles Quadrilaterals and Polygons Circles and Construction 	Class TestAssignment
Chapter 12 Averages and Measures of Spread	March	 Central tendency (mean ,mode & median) Calculating range for frequency data Calculating averages and range for grouped data Box and whisker plots 	 Class Test Assignment
Chapter 9 Sequence and Set	April	SequenceRational and irrational numbersSets	Class TestAssignment
All Chapters	May	Revision	Revision test

(TERM 2 EXAMINATION) Thursday 11th June, 2021 (TERM 1 PLUS TERM 2 SYLLABUS)



Class: EIGHT (8) COM/SCI Subject: GEOGRAPHY Teacher Name: MILLS LARYEA

	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
Term	1. Population dynamics	1. Population dynamics	2. Migration	3. Population structure 4. Population	4. Population density and distribution
First T				density and distribution	
	*Solve IG past questions on the topic	*Solve IG past questions on the topic	*Solve IG past questions on the topic	*Solve IG past questions on the topic	*Solve IG past questions on the topic
	JANUARY	FEBRUARY	APRIL	MAY	JUNE
Term	5. Settlement (rural/urban) service provision	6. Urban settlement	7. Urbanization	11. urbanization	Revision on IG topics for term 1
Second	*Solve IG past questions on the topic	*Solve IG past questions on the topic	*Solve IG past questions on the topic	*Solve IG past questions on the topic	*Solve IG past questions on the topic



Class: VIIICom

Subject: CHEMISTRY

Teacher Name: ROSEMARY ISIJOLA

	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
FirstTerm	CH: 1 The particulate nature of matter	CH: 1 The particulate nature of matter Revision and the class test on the chapter.	CH:2 Experimental techniques Measurement Criteria for purity Method of purification	CH:3 Atoms, Elements and Compounds Physical and chemical changes Elements, compounds and mixtures Atomic structure and the periodic table	CH:3 Atoms, Elements and Compounds Ions and ionic bonds Molecules and covalent bonds Revision of all chapters taught for adequate preparation of term 1 Exam
SecondTerm	JANUARY	FEBRUARY	MARCH	APRIL	MAY

CH:4 Stoichiometry	CH:4 Stoichiometry Revision and the class test on the chapter.	CH: 5 Electricity and chemistry	CH: 5 Electricity and chemistry Revision and the class test on the chapter.	Revision of all chapters taught for adequate preparation of term 2 Exam.
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YEAR PLAN FOR 2020/2021 ACADEMIC YEAR

SUBJECT: BIOLOGY (0610)

CLASS: VIII

Month	Name of the Chapter	
August, 2020	Classification	T
September, 2020	Classification, Organisation of an organism,	· • • • • • • • • • • • • • • • • • • •
October, 2020	Organisation of an organism, movement in and out of cell	S
november,	Biological molecules , Variation	
December, 2020	REVISION TERM-1 E.	XAM
	TERM -2 BEGINS	
Jan, 2021	Enzymes	
Feb,2021	Respiratory system	~~~
Mar,2021	Human nutrition (diet and disease)Plant nutrition (photosynthesis)	
April, 2021,	Reproduction in plants, Reproduction in animals	
May, 2021,	Circulatory system	
June, 2021,	REVISION TERM-2 E	XAM

Class: VIII IG

Subject: PHYSICS

Teacher Name: SIR DANIEL, SIR GEMA

Second Term	First Term
CS	AUGUST LENGTH AND TIME (MEASUREMENTS)
THERMAL PHYSICS EVAPORA SIMPLE KINETIC MOLECULAR MODEL OF MATTER THERMAL STATES OF MATTER THERMAL MOLECULAR MOLECULAR MODEL MODEL AND GASH	MOTION (SPEED) FEBRUARY
EVAPORATION THERMAL PROPERTIES AND TEMPERATURE THERMAL EXPANSION OF SOLIDS, LIQUIDS AND GASES	MASS AND WEIGHT DENSITY FORCES
MEASUREMENT OF TEMPERATURE THERMAL (HEAT CAPACITY) MELTING AND BOILING	MOMENTUM ENERGY, WORK AND POWER (WORLD ENERGY NEEDS)
THERMAL PROCESSES (CONDUCTION, CONVECTION AND RADIATION) CONSEQUENCES OF ENERGY TRANSFER REVISION	PRESSURE





YEAR PLAN 2020-2021 CLASS VIII COMPUTER SCIENCE

Month		No. of	Name of the Chapter (Topic)
	Week	Periods	
···			TERM 1
AUGUST,	17-21	3	Data representation - Binary systems
2020 TWD-10	24-28	3	Data representation - Binary systems
SEPTEMBER	31-04	3	Data representation - Binary systems
,2020	07-11	3	Data representation - Hexadecimal
TWD-24	14-18	3	Data representation - Hexadecimal
	22-25	3	Data representation - Hexadecimal
OCTOBER,	28-02	3	Data representation - Data storage
2020	05-09	3	Data representation - Data storage
TWD-25	12-16	3	Logic gates
	19-23	3	Logic gates
	26-30	3	Logic gates
NOVEMBER,	02-06	3	Programming Concepts
2020	09-13	3	Programming Concepts
TWD-20	16-20	3	Programming Concepts
	23-27	3	Programming Concepts
DECEMBER,	30-03	3	Programming Concepts
2020	07-11	3	Data representation - Binary systems (Revision)
TWD-13	14-17	3	Data representation - Hexadecimal (Revision)
CHRISTMAS E	REAK (DEC	18 - JAN 10)	
JANUARY,	11-15	3	Programming Concepts (Revision)
2021	18-21	3	General Revision
TWD- 18	25-29	END OF TE	RM 1 EXAMS (JAN 22 - FEB 09)
FEBRUARY,	01-05		
2021	08-12		
TWD-21	TERM 2		
	15-19	3	Discussion of exam papers

Teacher's name: Bright Ahiati

	PARENT-TEAC	CHER MEETING(SAT 20th Feb)
	22-26	Input devices
MARCH,	01-05	Input devices
2021	09-12	Input devices
TWD- 19	15-19	Input devices
	22-26	Input devices
	29-31	Output devices
APRIL,2021	EASTER BREA	K (APR 01-05)
TWD-19	06-09	Output devices
	12-16	Output devices
	19-23	Output devices
	26-30	Data Structures; array
MAY,2021	04-07	Data Structures; array
TWD-19	10-14	Output devices (Revision)
	17-21	Input devices (Revision)
	24-28	Data Structures; array (Revision)
JUNE,2021	31-04	General Revision
TWD-20	07-11	END OF TERM 1 EXAMS (JUNE 09 - JUNE 24)
•	14-18	

21-25



YEAR PLAN 2020-2021

Class: VIII IGCSE Subject: ICT

MONTH	WEEK	NO. OF PERIODS	NAME OF THE CHAPTER
AUGUST, 2020	17-21	4	TYPES AND COMPONENTS OF COMPUTER SYSTEM
TWD-10	24-28	4	TYPES AND COMPONENTS OF COMPUTER SYSTEM
	31 – 4	4	TYPES AND COMPONENTS OF COMPUTER SYSTEM
SEPTEMBER, 2020	7 – 11	4	CLASS TEST-I
TWD-24	14-18	4	INPUT AND OUTPUT DEVICES
	22-25	3	INPUT AND OUTPUT DEVICES
	28-2	4	CLASS TEST-II
	05-09	3	STORAGE DEVICES AND MEDIA
OCTOBER, 2020 TWD-25	12-16	4	STORAGE DEVICES AND MEDIA
	19-23	4	STORAGE DEVICES AND MEDIA
	26-30	4	CLASS TEST-III
	02-06	4	DOCUMENT PRODUCTION
NOVEMBER,	09-13	3	DOCUMENT PRODUCTION
2020	16-20	4	DOCUMENT PRODUCTION
TWD-20	23-27	4	CLASS TEST-IV
	30-03	4	PRESENTATION
DECEMBER, 2020	07-11	3	PRESENTATION
TWD-13	14-17		PRESENTATION
		CUDICEMAC DDEAK	

CHRISTMAS BREAK (DEC 18 - JAN 10)

JANUARY, 2021 TWD- 18	11-15	4	CLASS TEST-IV	
	18-21	3	REVISION	
	25-29			
FEBRUARY, 2021 TWD-21	01-05	END OF TERM	1 EXAMS (JAN 22 - FEB 09)	
	08-12			
			TERM-2	
	15-19	4	COMMUNICATION	
		PARENT-TEACHER MEETING(SAT 20th Feb)		
	22-26		COMMUNICATION	
MARCH,	01-05	2	COMMUNICATION	
2021 TWD- 19	09-12		CLASS TEST-1	
1 WD- 19	15-19		NETWORKS AND EFFECTS OF USING THEM	
APRIL,2021 TWD-19	22-26		NETWORKS AND EFFECTS OF USING THEM	
	29-31		CLASS TEST-II	
		EASTER BREAK (APR 01-05)		
	06-09	4	NETWORKS AND EFFECTS OF USING THEM	
	12-16	4	CLASS TEST-IV	
	19-23	3	DATA MANIPULATION (DATABASE – PART 1)	
MAY,2021 TWD-19	26-30	4	DATA MANIPULATION (DATABASE – PART 1)	
	04-07	4	DATA MANIPULATION (DATABASE – PART 1)	
	10-14	4	DATA MANIPULATION (DATABASE – PART 1)	
	17-21	TERM II REVISION WEEK		
	24-28	TERM II EXAMINATION		

Total Working days –





Class:VIII		Subject: ART AND DESIGN		Teacher Name: ALEX AMOABENG TWUM	
Fir	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
st Te	<u>TOPICS</u>	<u>TOPICS</u>	<u>TOPICS</u>	<u>TOPICS</u>	Perspective drawing
rm	Introduction to IGCSE Art and Design	Element of Design	Shapes and Forms	Monochromatic form (Wet Media)	One point
	_	Lines	Colour Psychology		
	Art Glossary	Dots	Colour Symbolism	Scenery Compositions	Two point
	Termilogies in Art	000	Colour Symbolism		Linear and Aerial
	,, , ,	Texture			
	Special areas				
	2 Dimensional Art 3 Dimension Art				
Se	JANUARY	FEBRUARY	MARCH	APRIL	MAY
co nd	TOPICS	<u>TOPICS</u>	<u>TOPICS</u>	<u>TOPICS</u>	Art as a Course
Те	Dicramatic colours	Dicramatic colours	Perception in art	Art Composition	Branches of Art
rm	Principles of Art	Principles of Art	Aesthetics	Art Maluials *Pastels	Purpose and rational of Art
	Design Process	Design Process	Art appreciation and criticism	*Pencil *Charcoal	
•				Water Colour Painting	

Class. 8

Subject. Games Teacher Name.

	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
	FOOTBALL	FOOTBALL	FOOTBALL	FOOTBALL	FOOTBALL
	Playing from the back and pressing	Switching play	Retaining possession and Creating space to receive a pass and shooting	Crossing and finishing	Assessment (mini Game)
	TABLE TENNIS Basic strokes	TABLE TENNIS Backhand drive and forehand drive	TABLE TENNIS Footwork patterns	TABLE TENNIS Lob, smash, forehand loop and chop.	TABLE TENNIS ASSESSMENT Mini Game
TERM 2	VOLLEYBALL Passing (three touch rally	VOLLEYBALL Digging and footwork	VOLLEYBALL Service	VOLLEYBALL Setting, spiking and blocking	VOLLEYBALL Assessment (mini game)
	JANUARY	FEBRUARY	MARCH	APRIL	MAY .
	TENNIS Grip, Racquet and ball control and footwork	TENNIS Forehand and backhand groundstroke	TENNIS Maintaining a rally, tennis movements and court positioning	TENNIS Service and volleys	TENNIS Assessment (mini game)
	BADMINTON The smash	BADMINTON 4 types of service	BADMINTON Forehand drive serve and backhand flick serve	BADMINTON High and low serve	BADMINTON Mini game
TERM 2	SWIMMING Introduction to butterfly (body position-fly kicks)	SWIMMING Butterfly (fly arms)	SWIMMING Butterfly (fly arms and legs)	SWIMMING Butterfly (fly arms, legs, breathing, Coordination and timing)	SWIMMING Assessment