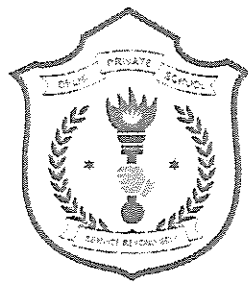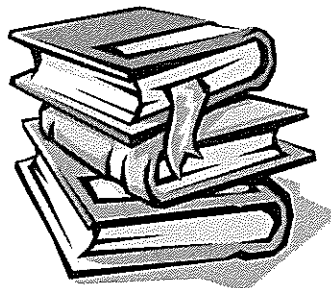# DELHI PUBLIC SCHOOL INTERNATIONAL TEMA, GHANA

CLASS-IX(IGCSE)-COMMERCE SYLLABUS

2020 - 2021

NAME: _____

DPS INTERNATIONAL, GHANA

CLASS: IX **SUBJECT: FRENCH** **TEACHER: JOSEPH AYIDA**

	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
First Term	**TRICOLORE 2 UNIT: 6** **En voyage** • Prêt á partir • On prend le train • Il est parti • Ils sont arrivés • Voyage en Angléterre • C' était bien? • C' est extra!	**UNIT: 7** Ça va? Qu est-ce qu'on met? • Comment sont-ils? • Tu le sais? • Le corps • Ça fait mal • Qu' est-ce –qu'il ya?	**On s'amuse** • A ne pas manquer • Tu aimes sortir • Rendez – vous • On parle du sport • Hier, aujourd'hui, demain	**TRICOLORE 3** **Jeunes francophones (September)** • Salut à tous! • Ici, onparle français • En ligne • La vie de famille • J'ai de bons amis • La vie des jeunes • C'est extra	**UNIT 2** **Bienvenenue à paris!** • Découvrir paris • Paris jeunesse **REVISION**

	JANUARY	FEBRUARY	MARCH	APRIL	MAY
Second Term	**UNIT 3** **Ça me passionne** **REVISION** **EXAMS**	**UNIT 4** **Au travail** • La vie scolaire • Quelles matières aimes-tu? • Mes projects pour lannée prochaine • D'accord ou pas d'accord • Il ya beaucoup de métiers • C'est quand? • C'est extra!	**UNIT 5** **Au parc d'attractions** • Au parc du Futuroscope • On fait des projects • À l'hôtel • On pense à l'avenir • Voici la météo • On s'est bien amusés • C'est extra!	**UNIT 6** **Bonjour le Québec** • Bienvenue au Québec • Ma ville, ma region • On doit faire ça! • Chacun doit faire sa part • C'est extra! **UNIT 7** **En forme**	 **REVISION**

DPS INTERNATIONAL, GHANA

CLASS: IX IGCSE   **SUBJECT: COMPUTER SCIENCE(0478)**   **TEACHER: ALEKHYA RAJAN**

	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER

First Term	CH: 1 Memory, Storage Devices and Media
	
	1.1 Storage media
		CH:1 Memory, Storage Devices and Media Font Formatting
		  1.2 Choosing an appropriate Secondary storage.
		  1.3 Calculating the storage requirement of a file.
		  Revision and the class test on the chapter.
		CH 2: Security
		2.1 Introduction
			CH:2 Security
			2.2 Security prevention against accidental data loss or change
			
			2.3 Unauthorized access to computer system and data
			
			2.4 Security and protection against attacks
				CH: 2 Security
				2.5 Protocols
				Revision and the class test on the chapter.
				CH 3: Ethics
				3.1 Computer Ethics
				3.2 Copyright and Plagiarism
				3.3 Free software, freeware and shareware
				3.4 Ethics in Electronic communications
					CH: 4 Sensors
					4.1 Introduction
					4.2 Light sensors
					4.3 Temperature sensors
					4.4 Motion sensors
					4.5 Magnetic field sensors
					4.6 gas sensors
					4.7 pressure sensors
					4.8 Moisture and Humidity Sensors
					4.9 PH Sensors

	JANUARY	FEBRUARY	MARCH	APRIL	MAY

Second Term	CH: 5 Communication and internet technologies
	5.1 Data Transmission
	5.2 Security aspects
		CH: 5 Communication and internet technologies
		5.3 Internet principles of operation
		  Revision and the class test on the chapter.
		CH: 6 Computer Architecture, languages and Operating system
		6.1 Von Neumann architecture
			CH: 6 Computer Architecture, languages and Operating system
			6.2 Operating systems
			6.3 Interrupts
			6.4 High level and low level languages.
			  Revision and the class test on the chapter.
				CH: 7 Algorithm Design and Problem solving
				7.1 Computer systems and sub systems
				7.2 Top- down design and structure diagrams
				7.3 Standard methods of solution
					CH: 7 Algorithm Design and Problem solving
					7.4 Test data
					7.5 Validation and Verification
					7.6 Trace tables
					7.7 Errors in Programs
					Revision for term exam.

DPS INTERNATIONAL, GHANA

Class: NINE (9) COM/SCI   Subject: GEOGRAPHY   Teacher Name: MILLS LARYEA

	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
First Term	1. Earthquakes and volcanoes *Solve IG past questions on the topic	1. Earthquakes and volcanoes. 2. Rivers *Solve IG past questions on the topic	2. Rivers *Solve IG past questions on the topic	3. Weather 4. Food production *Solve IG past questions on the topic	4. Food production *Solve IG past questions on the topic
	JANUARY	FEBRUARY	APRIL	MAY	JUNE
Second Term	5. Tourism *Solve IG past questions on the topic	6. Coasts *Solve A level past questions on the topic	7. Climate and natural vegetation *Solve A level past questions on the topic	8. Energy *Solve A level past questions on the topic	Revision on IG topics for the term *Solve A level past questions on the topic

Class. 9   Subject. Games   Teacher Name.

	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
TERM 1	**FOOTBALL** Playing from the back and pressing	**FOOTBALL** Switching play	**FOOTBALL** Retaining possession and Creating space to receive a pass and shooting	**FOOTBALL** Crossing and finishing	**FOOTBALL** 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
	HANDBALL Passing and receiving	**HANDBALL** Keeping possession with the ball (choice of pass, screening opponent)	**HANDBALL** Shooting (involvement of shooting combinations	**HANDBALL** Blocking and Tackling (marking system)	**HANDBALL** ASSESSMENT Mini game

	JANUARY	FEBRUARY	MARCH	APRIL	MAY
TERM 2	**TENNIS** Grip, Racquet and ball control and footwork	**TENNIS** Forehand and backhand groundstroke	**TENNIS** Maintaining a rally, tennis movement 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 stroke	**BADMINTON** Mini game
	VOLLEYBALL Passing (three touch rally	**VOLLEYBALL** Digging and footwork	**VOLLEYBALL** Service	**VOLLEYBALL** Setting, spiking and blocking	**VOLLEYBALL** Assessment (mini game)

DPS INTERNATIONAL, GHANA

Class: IXCom　　　　　**Subject: CHEMISTRY**　　　　　**Teacher Name: ROSEMARY ISIJOLA**

	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
First Term	Revision of all chapters taught in grade 8	CH:6 Chemical changes and chemical reactions Revision and the class test on the chapter.	CH:7 Rate (speed) of reaction • Redox Revision and the class test on the chapter.	CH: Acids, Bases and Salts • Characteristics bases properties of acids and bases • Preparation of salts • Identification of ions and gases Revision and the class test on the chapter.	Revision of all chapters taught for adequate preparation of term 1 Exam
	JANUARY	**FEBRUARY**	**MARCH**	**APRIL**	**MAY**

SecondTerm	CH: 9 The periodic table • Periodic trends • Group properties .	CH: 9 The periodic table • Transition elements • Noble gases Revision and the class test on the chapter.	CH:10 Metals • Properties of metals • Reactivity series	CH:10 Metals • Extraction of metals and their ores Revision and the class test on the chapter.	Revision of all chapters taught for adequate preparation of term 2 Exam.

DPS INTERNATIONAL, GHANA

Class: 9 IGCSE   Subject: ENVIRONMENTAL MANAGEMENT   Teacher Name: IRENE PAPPOE

	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
First Term	9 IGCSE CHAPTER 4: WATER AND ITS MANAGEMENT	9 IGCSE CHAPTER 4: WATER AND ITS MANAGEMENT	9 IGCSE CHAPTER 5: OCEANS AND FISHERIES	9 IGCSE CHAPTER 5: OCEANS AND FISHERIES	9 IGCSE CHAPTER 1 – 3: REVISION
	JANUARY	**FEBRUARY**	**MARCH**	**APRIL**	**MAY**
Second Term	9 IGCSE CHAPTER 4 - 5 : REVISION	9 IGCSE CHAPTER 6: NATURAL HAZARDS (EARTHQUAKES, VOLCANIC ERUPTIONS)	9 IGCSE CHAPTER 6: NATURAL HAZARDS (TROPICAL CYCLONES, FLOODING AND DROUGHT)	9 IGCSE CHAPTER 6: NATURAL HAZARDS (IMPACTS AND STRATEGIES TO MANAGE)	9 IGCSE CHAPTER 6: NATURAL HAZARDS (OPPORTUNITIES)

DPS INTERNATIONAL, GHANA

TEACHING SYLLABUS 2020/2021

CLASS: **1X COMMERCE**   Subject: **ACCOUNTING**   Teacher Name: **ERNEST SELASI**

TERM	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
1	1. Accounting rules and their applications. 2. Capital expenditure &Revenue expenditure	1. Other payables 2. Other receivables 3. Applications of the matching principle.	1. Accounting for depreciation and disposal of non-current assets.	1. Irrecoverable debts 2. Provisions for bad debts	1. Bank Reconciliation Statement. 2. Journal Entries and Correction of Errors

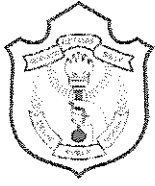| TERM	JANUARY	FEBUARY	MARCH	APRIL	MAY
2	1. Control Accounts 2. Incomplete Records	1. Accounts of Clubs and Societies.	1. Partnership Accounts.	1. Manufacturing Accounts.	1. Financial Statements of Limited Companies 2. Ratios and Financial Statement Analysis

DPS INTERNATIONAL, GHANA

Class: 9 COM   **Subject: BUSINESS STUDIES**   **Teacher Name: MOSES DUNYOH**

	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
First Term	1. Marketing, competition and the customer *Solve IGCSE past questions on the topic*	2. Market Research 3. Marketing mix: Product and price *Solve IGCSE past questions on the topic*	4. Marketing mix: Place and promotion *Solve IGCSE past questions on the topic*	5.Marketing Strategy 6.Production of goods and services *Solve IGCSE past questions on the topic*	7.Cost, scale of production and break-even analysis *Solve IGCSE past questions on the topic*
	JANUARY	**FEBRUARY**	**MARCH**	**APRIL**	**MAY**
Second Term	8.Achieving quality production *Solve IGCSE past questions on the topic*	9. Location decisions *Solve IGCSE past questions on the topic*	10. Business finance: needs and sources *Solve IGCSE past questions on the topic*	11. Cash-flow forecasting and working capital *Solve IGCSE past questions on the topic*	12. Income Statement 13. Balance Sheet *Solve IGCSE past questions on the topic*

DPS INTERNATIONAL, GHANA

CLASS: IX IG (A, B, C)   SUBJECT: ECONOMICS   TEACHER: Raj, Lucky

	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
First Term	Trade Unions.	Firms.	Firms and Production. Firms costs, revenue and objectives.	Market structure. The role of government.	The macroeconomic aims of the government.
	JANUARY	FEBRUARY	MARCH	APRIL	MAY
Second Term	Revision for term 1 exam.	Fiscal policy.	Monetary policy. Supply-side policy.	Economic growth. Employment and unemployment.	Inflation and deflation.

Term 1	Term 2
1-25	1-31

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

		TERM 1	
TOPIC	**MONTH**	**CONTENT**	**ASSESSMENT**
Chapter 7 Volume	**August**	• Three dimensional shapes • Surface area and volume of shapes (cube ,cuboid ,sphere ,prisms ,cone, cylinder hemisphere)	• **Class Test** • **Assignment**
Chapter 11 Pythagoras Theorem and Understanding Similar Shapes	**September**	• Pythagoras theorem & its application • Understanding similar triangles • Understanding similar shapes • Area and volume similar shapes	• **Class Test** • **Assignment**
Chapter 8 Probability	**September**	• Basic probability & Theoretical probability • Possibility Diagram • Combining Mutually Exclusive and Independent events	• **Class Test** • **Assignment**
Chapter 16&20 Statistics	**October**	• Introduction to Bivariate Data • Histograms, Cumulative Frequency, Percentiles & Quartiles	• **Class Test** • **Assignment**
Chapter 14 Further solving of equation and inequalities	**October/ November**	• Simultaneous equation & Linear inequalities • Regions in plane & Linear programming • Completing the square & quadratic formula • Algebraic fractions	• **Class Test** • **Assignment**
All chapters	**November**	• Revision	**Revision Test**

(TERM 1 EXAMINATION) Monday 20th December, 2020 (syllabus of grade 8 plus term 1 of grade 9)

		TERM 2		
Chapter 18 Curve Graphs	January	• Drawing quadratic graphs (parabola) ,reciprocal graphs hyperbola • Using graphs to solve equations, other nonlinear graphs • Finding gradient of a curve and derived functions	• **Class Test** • **Assignment**	
Chapter 13 Understanding Measurement	February	• Units & time • Upper bounds and lower bounds • Conversion graph and money	• **Class Test** • **Assignment**	
Chapter 17 Managing money	March	• Earning money ,tax, discount • Simple interest & compound interest ,depreciation ,decay and growth • Profit and loss	• **Class Test** • **Assignment**	
Chapter 15 Scale Drawing, Trigonometry & Bearings	April	• Scale drawing • Bearings ,understanding tangent ,cosine and sine & trig graphs • Sine and cosine rule & area of triangle • Trigonometry in three dimension	• **Class Test** • **Assignment**	
All chapters	May	• Revision	• **Revision test** •	

(**TERM 2 EXAMINATION) Thursday 12th June, 2021 (syllabus of grade 8 plus grade 9)**

		TERM 1	
TOPIC	Month	CONTENT	ASSESSMENT
Series & sequence And binomial	Aug & September	**Series** •• use the Binomial Theorem for expansion of $(a + b)^n$ for positive integer n •• use the general term $\binom{n}{r} a^{n-r} b^r, \ 0 \leqslant r \leqslant n$ (knowledge of the greatest term and properties of the coefficients is not required) •• recognize arithmetic and geometric progressions •• use the formulae for the nth term and for the sum of the first n terms to solve problems involving arithmetic or geometric progressions •• use the condition for the convergence of a geometric progression, and the formula for the sum to infinity of a convergent geometric progression	• Class Test • Assignment
Trigonometry	October	•• know the six trigonometric functions of angles of any magnitude (sine, cosine, tangent, secant, cosecant, cotangent) •• understand amplitude and periodicity and the relationship between graphs of related trigonometric functions, e.g. $\sin x$ and $\sin 2x$ •• draw and use the graphs of $y = a \sin bx + c$ $y = a \cos bx + c$ $y = a \tan bx + c$ where a is a positive integer, b is a simple fraction or integer (fractions will have a denominator of 2, 3, 4, 6 or 8 only), and c is an integer •• use the relationships $\sin^2 A + \cos^2 A = 1$ $\sec^2 A = 1 + \tan^2 A$, $\operatorname{cosec}^2 A = 1 + \cot^2 A$ • Use the relationship $\frac{sinA}{cosA} = \tan A$, $\frac{cosA}{sinA} = cotA$ solve simple trigonometric equations involving the six trigonometric functions and the above relationships (not including general solution of trigonometric equations) •• prove simple trigonometric identities	• Class Test • Assignment

Circular measure	November	Series •• radian measure ... length of an arc ... area of a sector of a circle ... application of trigonometry in circular measure	• Class test • Assignment	
Permutations and combinations	December	•• recognize and distinguish between a permutation case and a combination case •• know and use the notation $n!$ (with $0! = 1$), and the expressions for permutations and combinations of n items taken r at a time •• answer simple problems on arrangement and selection (cases with repetition of objects, or with objects arranged in a circle, or involving both permutations and combinations, are excluded)	• Class Test • Assignment	
Revision			• Revision test	

(TERM 2 EXAMINATION) Monday 15th June, 2020

TERM 2 exam: term 1 plus series & sequence, binomial, permutation and combination & vectors
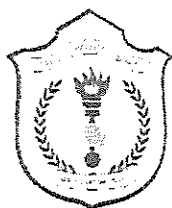
DPS INTERNATIONAL, GHANA

Class:IX   Subject: ART AND DESIGN   Teacher Name: ALEX AMOABENG TWUM

First Term	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
	Compositional in Art	The view finder	'S' Curve	**Intensive drawing**	Symbols
		Balance	Triangular	- Drawing with details	Logo Design
	How to compose with the elements and principles of Art	- proportion	'L' Shape		lettering
		compositional Styles	Circular	- Shading (Graphite and Charcoal)	
	Qualities of good composition.		Diagonal		
			Abstract Composition		
			Photography exercise	- Materials in drawing	
			Art Appreciation		
				- Drawing techniques	
				- Shading	
				Graphic Design	

Second Term	JANUARY	FEBRUARY	MARCH	APRIL	MAY
	Illustration Advertisement Commercial	Painting History of painting - Egyptian painting - European painting - African painting Methodology in painting	Print making Relief printing - Intaglio printing - Planographic Screen Printing	Water colour painting Materials and Tools for water colour Methodology	Art as a course Branches of Art Purpose and raction of Art

DPS INTERNATIONAL, GHANA
YEAR PLAN 2020-2021
IX ICT

Month	Week	No. of Periods	Name of the Chapter (Topic)
TERM 1			
AUGUST, 2020 TWD-10	17-21		Data Manipulation(Create a database structure)
	24-28		Data Manipulation(Create a database structure)
SEPTEMBER, 2020 TWD-24	31-04		Data Manipulation(Create a database structure)
	07-11		Data Manipulation(Manipulate Data)
	14-18		Data Manipulation(Manipulate Data)
	22-25		Data Manipulation(Present data)
	28-02		Data Manipulation(Present data)
OCTOBER, 2020 TWD-25	05-09		Data Manipulation(Present data)
	12-16		The effects of using ICT
	19-23		The effects of using ICT
	26-30		Audiences
	02-06		Audiences
NOVEMBER, 2020 TWD-20	09-13		System Life cycle
	16-20		System Life cycle
	23-27		System life cycle
DECEMBER, 2020 TWD-13	30-03		Styles and Mail Merge
	07-11		Styles and Mail Merge
	14-17		Styles and Mail Merge
CHRISTMAS BREAK (DEC 18 - JAN 10)			
JANUARY, 2021 TWD- 18	11-15		Revision
	18-21		Revision
	25-29		END OF TERM 1 EXAMS (JAN 22 - FEB 09)
	01-05		
FEBRUARY , 2021 TWD-21	08-12		
TERM 2			
	15-19		File management
PARENT-TEACHER MEETING(SAT 20th Feb)			
	22-26		File management
MARCH, 2021 TWD- 19	01-05		File management
	09-12		ICT applications
	15-19		ICT applications
	22-26		ICT applications
	29-31		Data Analysis
EASTER BREAK (APR 01-05)			
APRIL,2021 TWD-19	06-09		Data Analysis
	12-16		Data Analysis

TWD-19	19-23		Data Analysis
	26-30		Website Authoring (HTML - Part 1)
	04-07		Website Authoring (HTML - Part 1)
MAY,2021	10-14		Website Authoring (HTML - Part 1)
TWD-19	17-21		Website Authoring (HTML - Part 1)
	24-28		Revision
	31-04		Revision
JUNE,2021	07-11		
TWD-20	14-18	END OF TERM 1 EXAMS (JUNE 09 - JUNE 24)	
	21-25		