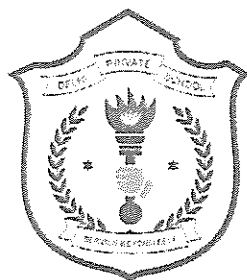
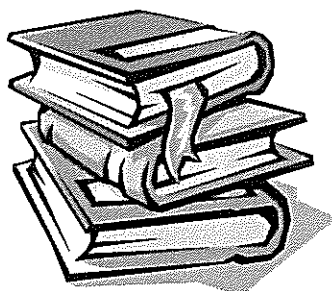


DELHI PUBLIC SCHOOL INTERNATIONAL TEMA, GHANA



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



NAME: _____



DPS INTERNATIONAL, GHANA

CLASS: IX

SUBJECT: FRENCH

TEACHER: JOSEPH AYIDA

	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
FirstTerm	TRICOLORE 2 UNIT: 6 <u>En voyage</u> <ul style="list-style-type: none">• Prêt à partir• On prend le train• Il est parti• Ils sont arrivés• Voyage en Angleterre• C' était bien?• C' est extra!	UNIT: 7 Ça va? Qu est-ce qu'on met? <ul style="list-style-type: none">• Comment sont-ils?• Tu le sais?• Le corps• Ça fait mal• Qu' est-ce –qu'il ya?	<u>On s'amuse</u> <ul style="list-style-type: none">• A ne pas manquer• Tu aimes sortir• Rendez – vous• On parle du sport• Hier, aujourd'hui, demain	TRICOLORE 3 Jeunes francophones (September) <ul style="list-style-type: none">• Salut à tous!• Ici, on parle français• En ligne• La vie de famille• J'ai de bons amis• La vie des jeunes• C'est extra	UNIT 2 <u>Bienvenue à paris!</u> <ul style="list-style-type: none">• Découvrir paris• Paris jeunesse REVISION
	SecondTerm	JANUARY UNIT 3 Ça me passionne REVISION EXAMS	FEBRUARY UNIT 4 Au travail <ul style="list-style-type: none">• La vie scolaire• Quelles matières aimes-tu?• Mes projets pour l'année prochaine• D'accord ou pas d'accord• Il ya beaucoup de métiers• C'est quand?• C'est extra!	MARCH UNIT 5 Au parc d'attractions <ul style="list-style-type: none">• Au parc du Futuroscope• On fait des projets• À l'hôtel• On pense à l'avenir• Voici la météo• On s'est bien amusés• C'est extra!	APRIL UNIT 6 Bonjour le Québec <ul style="list-style-type: none">• Bienvenue au Québec• Ma ville, ma region• On doit faire ça!• Chacun doit faire sa part• C'est extra! UNIT 7 En forme

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

TERM 1			
TOPIC	MONTH	CONTENT	ASSESSMENT
Chapter 7 Volume	August	<ul style="list-style-type: none"> • Three dimensional shapes • Surface area and volume of shapes (cube ,cuboid ,sphere ,prisms ,cone, cylinder hemisphere) 	<ul style="list-style-type: none"> • Class Test • Assignment
Chapter 11 Pythagoras Theorem and Understanding Similar Shapes	September	<ul style="list-style-type: none"> • Pythagoras theorem & its application • Understanding similar triangles • Understanding similar shapes • Area and volume similar shapes 	<ul style="list-style-type: none"> • Class Test • Assignment
Chapter 8 Probability	September	<ul style="list-style-type: none"> • Basic probability & Theoretical probability • Possibility Diagram • Combining Mutually Exclusive and Independent events 	<ul style="list-style-type: none"> • Class Test • Assignment
Chapter 16&20 Statistics	October	<ul style="list-style-type: none"> • Introduction to Bivariate Data • Histograms, Cumulative Frequency, Percentiles & Quartiles 	<ul style="list-style-type: none"> • Class Test • Assignment
Chapter 14 Further solving of equation and inequalities	October/ November	<ul style="list-style-type: none"> • Simultaneous equation & Linear inequalities • Regions in plane & Linear programming • Completing the square & quadratic formula • Algebraic fractions 	<ul style="list-style-type: none"> • Class Test • Assignment
All chapters	November	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none">• Drawing quadratic graphs (parabola) ,reciprocal graphs hyperbola• Using graphs to solve equations, other nonlinear graphs• Finding gradient of a curve and derived functions	<ul style="list-style-type: none">• Class Test• Assignment
Chapter 13 Understanding Measurement	February	<ul style="list-style-type: none">• Units & time• Upper bounds and lower bounds• Conversion graph and money	<ul style="list-style-type: none">• Class Test• Assignment
Chapter 17 Managing money	March	<ul style="list-style-type: none">• Earning money ,tax, discount• Simple interest & compound interest ,depreciation ,decay and growth• Profit and loss	<ul style="list-style-type: none">• Class Test• Assignment
Chapter 15 Scale Drawing, Trigonometry & Bearings	April	<ul style="list-style-type: none">• Scale drawing• Bearings ,understanding tangent ,cosine and sine & trig graphs• Sine and cosine rule & area of triangle• Trigonometry in three dimension	<ul style="list-style-type: none">• Class Test• Assignment
All chapters	May	<ul style="list-style-type: none">• Revision	<ul style="list-style-type: none">• Revision test•

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



DELHI PUBLIC SCHOOL INTERNATIONAL, GHANA
9 (IGCSE ADDITIONAL MATHEMATICS (0606) SYLLABUS)
(2019/2020)

TERM 1			
TOPIC	Month	CONTENT	ASSESSMENT
Series & sequence And binomial	Aug & September	<p>Series</p> <ul style="list-style-type: none"> •• use the Binomial Theorem for expansion of $(a + b)^n$ for positive integer n •• use the general term $\binom{n}{r} a^{n-r} b^r, 0 \leq r \leq n$ <p>(knowledge of the greatest term and properties of the coefficients is not required)</p> <ul style="list-style-type: none"> •• 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 	<ul style="list-style-type: none"> • Class Test • Assignment
Trigonometry	October	<ul style="list-style-type: none"> •• 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 $y = a \sin bx + c$ $y = a \cos bx + c$ $y = a \tan bx + c$ <p>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</p> <ul style="list-style-type: none"> •• use the relationships $\sin^2 A + \cos^2 A = 1$ $\sec^2 A = 1 + \tan^2 A, \operatorname{cosec}^2 A = 1 + \cot^2 A$ <ul style="list-style-type: none"> • Use the relationship $\frac{\sin A}{\cos A} = \tan A, \frac{\cos A}{\sin A} = \cot A$ <p>solve simple trigonometric equations involving the six trigonometric functions and the above relationships (not including general solution of trigonometric equations)</p> <ul style="list-style-type: none"> •• prove simple trigonometric identities 	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • 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)	<ul style="list-style-type: none"> • Class Test • Assignment
Revision			<ul style="list-style-type: none"> • Revision test

(TERM 2 EXAMINATION) Monday 15th June, 2020

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

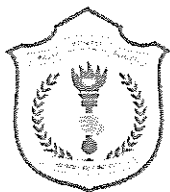


DPS INTERNATIONAL, GHANA

Class: IX IGCSE

Subject: BIOLOGY Teacher Name: MACLEAN ADUTWUM

	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
First Term	1. Reproduction in humans <i>*Solve IGCSE past questions on the topic</i>	3. Reproduction in human contd. <i>*Solve IGCSE level past questions on the topic</i>	4. Transport in plants <i>*Solve IGCSE level past questions on the topic</i>	5. Transport in animals <i>*Solve IGCSE past questions on the topic</i>	6. Disease and Immunity <i>*Solve IGCSE past questions on the topic</i>
	JANUARY	FEBRUARY	APRIL	MAY	JUNE
Second Term	7. Gas exchange in human <i>*Solve IGCSE past questions on the topic</i>	8. Respiration <i>*Solve IGCSE past questions on the topic</i>	9. Excretion in humans <i>*Solve IGCSE past questions on the topic</i>	10 Drugs <i>*Solve IGCSE questions on the topic</i>	Revision <i>*Solve IGCSE past questions on the topic</i>



DPS INTERNATIONAL, GHANA

Class: 9 *Sc* Subject: CHEMISTRY

Teacher Name: SHADRACH QUAINOO

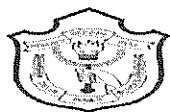
	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
First Term	Electricity and chemistry	Electricity and chemistry	Redox Reactions Chemical energetics	Chemical energetics	Stoichiometry
	JANUARY	FEBRUARY	APRIL	MAY	JUNE
Second Term	Stoichiometry	Air and water	Sulfur	Carbonates	Identification of Ions



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



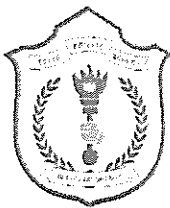
DPS INTERNATIONAL, GHANA

CLASS: IX IGCSE

SUBJECT: COMPUTER SCIENCE(0478)

TEACHER: ALEKHYA RAJAN

	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
FirstTerm	<p>CH: 1 Memory, Storage Devices and Media</p> <p>1.1 Storage media</p>	<p>CH:1 Memory, Storage Devices and Media Font Formatting</p> <p>1.2 Choosing an appropriate Secondary storage.</p> <p>1.3 Calculating the storage requirement of a file.</p> <p>Revision and the class test on the chapter.</p> <p>CH 2: Security</p> <p>2.1 Introduction</p>	<p>CH:2 Security</p> <p>2.2 Security prevention against accidental data loss or change</p> <p>2.3 Unauthorized access to computer system and data</p> <p>2.4 Security and protection against attacks</p>	<p>CH: 2 Security</p> <p>2.5 Protocols</p> <p>Revision and the class test on the chapter.</p> <p>CH 3: Ethics</p> <p>3.1 Computer Ethics</p> <p>3.2 Copyright and Plagiarism</p> <p>3.3 Free software, freeware and shareware</p> <p>3.4 Ethics in Electronic communications</p>	<p>CH: 4 Sensors</p> <p>4.1 Introduction</p> <p>4.2 Light sensors</p> <p>4.3 Temperature sensors</p> <p>4.4 Motion sensors</p> <p>4.5 Magnetic field sensors</p> <p>4.6 gas sensors</p> <p>4.7 pressure sensors</p> <p>4.8 Moisture and Humidity Sensors</p> <p>4.9 PH Sensors</p>
	JANUARY	FEBRUARY	MARCH	APRIL	MAY
SecondTerm	<p>CH: 5 Communication and internet technologies</p> <p>5.1 Data Transmission</p> <p>5.2 Security aspects</p>	<p>CH: 5 Communication and internet technologies</p> <p>5.3 Internet principles of operation</p> <p>Revision and the class test on the chapter.</p> <p>CH: 6 Computer Architecture, languages and Operating system</p> <p>6.1 Von Neumann architecture</p>	<p>CH: 6 Computer Architecture, languages and Operating system</p> <p>6.2 Operating systems</p> <p>6.3 Interrupts</p> <p>6.4 High level and low level languages.</p> <p>Revision and the class test on the chapter.</p>	<p>CH: 7 Algorithm Design and Problem solving</p> <p>7.1 Computer systems and sub systems</p> <p>7.2 Top- down design and structure diagrams</p> <p>7.3 Standard methods of solution</p>	<p>CH: 7 Algorithm Design and Problem solving</p> <p>7.4 Test data</p> <p>7.5 Validation and Verification</p> <p>7.6 Trace tables</p> <p>7.7 Errors in Programs</p> <p>Revision for term exam.</p>



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)
	31-04		Data Manipulation(Create a database structure)
SEPTEMBER, 2020 TWD-24	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
NOVEMBER, 2020 TWD-20	02-06		Audiences
	09-13		System Life cycle
	16-20		System Life cycle
DECEMBER, 2020 TWD-13	23-27		System life cycle
	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			
08-12			
FEBRUARY, 2021 TWD-21	TERM 2		
	15-19		File management
PARENT-TEACHER MEETING(SAT 20th Feb)			
MARCH, 2021 TWD- 19	22-26		File management
	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-18	19-23	Data Analysis
	26-30	Website Authoring (HTML - Part 1)
MAY, 2021	04-07	Website Authoring (HTML - Part 1)
	10-14	Website Authoring (HTML - Part 1)
	17-21	Website Authoring (HTML - Part 1)
TWD-19	24-28	Revision
	31-04	Revision
JUNE, 2021	07-11	END OF TERM 1 EXAMS (JUNE 09 - JUNE 24)
	14-18	
	21-25	

	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
	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: IX IG

Subject: PHYSICS

Teacher Name: SIR KEN, SIR GEMA

	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
First Term	Thermal Physics	Thermal Physics	Atomic Physics The Nuclear Atom Atomic Model Nucleus Radioactivity (Detection Of Radioactivity)	Characteristics Of The Three Kinds Of Emission Radioactive Decay Half Life Safety Precautions	Revision
	JANUARY	FEBRUARY	MARCH	APRIL	MAY
Second Term	Electricity and Magnetism Simple Phenomena of Magnetism	Electrical Quantities Electric Charge Current Electromotive Force Electrostatics	Potential Difference Resistance Electrical Working Electrical Circuits Circuit Diagrams, Series And Parallel Circuits,	Action And Use Of Circuit Components Digital Electronics Dangers Of Electricity Electromagnetic Effects	Revision

4

			Electromagnetic Induction A.C Generator Transformers The Magnetic Effect Of A Current Force On A Current – Carrying Conductor D.C Motor	
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DPS INTERNATIONAL, GHANA

Class:IX

Subject: ART AND DESIGN

Teacher Name: ALEX AMOABENG TWUM

First Term	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
	<p>Compositional in Art</p> <p>How to compose with the elements and principles of Art</p> <p>Qualities of good composition.</p>	<p>The view finder</p> <p>Balance</p> <ul style="list-style-type: none">- proportion <p>compositional Styles</p>	<p>'S' Curve</p> <p>Triangular</p> <p>'L' Shape</p> <p>Circular</p> <p>Diagonal</p> <p>Abstract Composition</p> <p>Photography exercise</p> <p>Art Appreciation</p>	<p>Intensive drawing</p> <ul style="list-style-type: none">- Drawing with details- Shading (Graphite and Charcoal)- Materials in drawing- Drawing techniques- Shading <p>Graphic Design</p>	<p>Symbols</p> <p>Logo Design</p> <p>lettering</p>

Se co nd Te rm	JANUARY	FEBRUARY	MARCH	APRIL	MAY
	Illustration Advertisement Commercial	Painting History of painting <ul style="list-style-type: none"> - Egyptian painting - European painting - African painting Methodology in painting	Print making Relief printing <ul style="list-style-type: none"> - 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