DELHI WORLD PUBLIC SCHOOL, JAMSHEDPUR

SYLLABUS   FOR SEMESTER 1

SESSION – 2019-2020

Class-8   **Sub-English**

SL NO.	MONTHS	CONTENTS	SUBJECT ENRICHMENT ACTIVITIES
1	APRIL	CLASS BOOK- THE EYES HAVE IT STORY BOOK- THE THREE QUESTIONS LANG- THE SENTENCE, NOUNS, PRONOUNS WRITING- DESCRIPTIVE ESSAY	
2.	MAY	C.B- THE NIGHTINGLE & THE GLOW-WORM LANG- ADJECTIVES , ADVERBS COMPREHENSION (HHW) 183-191	QUIZ
3	JUNE	C,B- AFTER TWENTY YEARS S.B- HARVEST HYMN LANG- SIMPLE AND CONTINUOUS TENSES, PERFECT AND PERFECT CONTINUOUS TENSES	
4	JULY	C.B- THE REMARKABLE ROCKET S.B- REBATI LANG- MODALS , NON-FINITE VERBS, TRANSITIVE AND INTRANSITIVE VERBS WRITING- STORY WRITING	DEBATE
5	AUGUST	LANG- ACTIVE AND PASSIVE VOICE AND REVISION	ASL
6	SEPTEMBER	REVISION AND EXAMS	

- **NAME OF THE BOOKS**- NEW IMAGES (CLASS BOOK , WORK BOOK & STORY BOOK), TUNE INTO GRAMMAR.

DELHI WORLD PUBLIC SCHOOL, JAMSHEDPUR

SYLLABUS   FOR SEMESTER 2

SESSION – 2019-2020

Class-8   **Sub-English**

SL NO.	MONTHS	CONTENTS	SUBJECT ENRICHMENT ACTIVITIES
1	OCTOBER	C.B- PRIDE & PREJUDICE S.B- THE MORALS OF CHESS LANG- SUBJECT-VERB AGREEMENT,PREPOSITIONS, CONJUNCTIONS	
2	NOVEMBER	C.B- THE PORTRAIT OF A LADY S.B- THE REHEARSAL LANG- INTERJECTIONS, PUNCTUATION WRITING- LETTER (INFORMAL & FORMAL)	COLLAGE MAKING
3	DECEMBER	C.B- CAGED BIRD S.B- CUBE ART- AN ARTIST'S STORY LANG- DIRECT AND INDIRECT SPEECH COMPREHENSION	
4	JANUARY	C.B- THREE WITCHES & THEIR PROPHECY LANG-KINDS OF PHRASES, KINDS OF CLAUSES SIMPLE, COMPLEX & COMPOUND SENTENCES. WRITING- PICTURE COMPOSITION	PUBLIC SPEAKING
5	FEBRUARY	LANG- SYNTHESIS AND TRANSFORMATION OF SENTENCES ESSAY WRITING, LETTER WRITING AND REVISION	ASL
6	MARCH	EXAMS	

DELHI WORLD PUBLIC SCHOOL JAMSHEDPUR

Syllabus for the Academic Session 2019 – 20

Class-8   **Sub- Hindi**

SEMESTER- 1

Sl No.	Month	Name of the chapters	Activity Related To The Chapter
1	April	□□□□ (□□□□□) □□□□ □□ □□□□□□, □□□ □□ □□□□□ (□□□□□) □□□ □□□□□	Þolar_rqÞ ij ifj;¨tukdk;Z
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Class-8   **Sub-Hindi**

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DELHI WORLD PUBLIC SCHOOL JAMSHEDPUR

Syllabus for the Academic Session 2019 – 20

Class- 8   **Semester- 1**   **Sub- Mathematics**

Sl No.	Month	Name of the chapters	Activity Related To The Chapter
1	April	**Rational Number**: Positive Rational, Negative Rational, Properties of Rational Number, Comparison of Rational Numbers, Representation Of Rational Number on the Real Line **Exponent :** Positive & Negative Exponent of a rational Number, Laws of Exponent **Squares & Square Roots**: Perfect Squares OR Square Numbers, Properties of Perfect squares, square roots of number in decimal form, square root of fractions	
2	May	**Cubes & Cube root**: Cube of a number, Properties of cubes of number ,short cut method for finding the cube of a two digit number, method of finding the cube root of a given number by factorization, cube root of a rational number **Operations on Algebraic Expressions**: addition, subtraction, Multiplication & division of algebraic expressions, some special products(special identities)	
3	June	**Percentage** :introduction , percentage **polygon** :curve, open curve, closed curve, simple closed curve, polygons, regular polygons, irregular polygon	
4	July	**quadrilaterals** : adjacent sides of a quadrilateral, opposite sides of a quadrilateral, adjacent angles of a quadrilateral opposite angles of a quadrilateral **Parallelograms** :special types of quadrilaterals, **data handling** : data, raw data, range, statistics, frequency distribution	
5	August	**constructing and interpreting bar graph:** column graph or bar graph, how to draw a bar graph **Pie charts** :construction of a pie chart for a given data, calculation of central angles	

DELHI WORLD PUBLIC SCHOOL JAMSHEDPUR

Syllabus for the Academic Session 2018 - 19

Class-8   **Semester- 2**   **Sub- Mathematics**

Sl No.	Month	Name of the chapters	Activity Related To The Chapter
1	October	**Factorization**: factorization when a common monomial factor occurs in each them, factorization when a binomial is common, factorization by grouping, factorization when given expression is difference of two squares, factorization when given expression is a perfect square, factorization of quadratic trinomial **Linear Equation in one variable:** Rules for solving a linear equation, Application of Linear equations **profit and loss** : formulae, discount, successive discounts, sales tax/value added tax(vat)	
2	November	**compound interest** : To find CI when interest is compounded annually, To find CI when interest is compounded half yearly, calculating compounded interest by using formulae, application of compound interest formulae, decreased value (or depreciated value) **Direct and inverse proportion** :variation , direct variation time and work :introduction , general rules, Problems on pipes and cistern	
3	December	**Time & Work** **construction of quadrilaterals** :to construct a quadrilateral when 4 sides and one diagonal are given to construct a quadrilateral when 3 sides and 2 diagonal are given to construct a quadrilateral when 3 sides and 2 included angles are given to construct a quadrilateral when 3 adjacent sides and 3 diagonal are given to construct a quadrilateral when 4 sides and one angles are given	
4	January	**area of a trapezium and a polygon**: Trapezium, area of trapezium ,area of a polygon(regular & irregular) **3D Shapes** **probability** :experiment, random experiment, some experiment and their outcomes, probability of occurrence of an event	

| 5 | February | **Volume and surface area**: cube, cuboids, volume of a solid, standard unit of volume, conversion of units, formulae for value and surface area of cuboids and cube, right circular cylinder | |

Delhi World Public School Jamshedpur

SYLLABUS FOR SESSION 2019-20

CLASS VIII   **TERM 1**   **SUB: SCIENCE**

SN O.	MONTH	CHAPTER
1.	April	Crop production and management. ➢ Agricultural practices ➢ Basic practices ➢ Preparation of soil ➢ Sowing ➢ Adding manure and fertilizers ➢ Irrigation ➢ Protection from weeds ➢ Harvesting ➢ Storage
2.	April and May	Microorganisms: friends and foe ➢ Microorganism ➢ Where do they live? ➢ Microorganisms and us ➢ Harmful microorganisms ➢ Food preservation ➢ Nitrogen fixation ➢ Nitrogen cycle
3.	June	Conservation of plants and animals ➢ Deforestation and its causes ➢ Consequences of deforestation ➢ Forest and wildlife conservation ➢ Biosphere reserve ➢ Flora and fauna ➢ Endemic species ➢ Wildlife sanctuary ➢ National park ➢ Red data book ➢ Migration ➢ Recycling of paper ➢ Reforestation
4.	June	Light ➢ Basic concept

	and July	➢ Laws of reflection ➢ Regular and diffused reflection ➢ Multiple images ➢ Inside our eyes ➢ Cure of the eyes. ➢ Visually challenged people ➢ Braille system
5.	July	Force and pressure ➢ A push or a pull. ➢ Causes of force ➢ Exploring forces ➢ Effects of force ➢ Types of forces ➢ Pressure ➢ Pressure exerted by liquids and gasses. ➢ Atmospheric pressure
6.	August	Friction ➢ Force of friction. ➢ Factors affecting friction ➢ Friction : a necessary evil. ➢ Increasing and reducing friction ➢ Fluid friction
7.	August	Some natural phenomena ➢ Lightning ➢ Charging by rubbing ➢ Types of charges and their interaction ➢ Transfer of charge ➢ Story of lightning ➢ Lightening safety ➢ Earthquake
8.	August and September	Synthetic fibres and plastics ➢ What are synthetic fibres ➢ Types of synthetic fibres ➢ Characteristics of synthetic fibres ➢ Plastics ➢ Plastics as materials of choice ➢ Plastics and the environment
9.	September	Materials: Metals and non-metals ➢ Physical properties of metals and non metals ➢ Chemical properties of metals and non metals ➢ Uses of metals and non metal

TERM 2

SNO	MONTH	CHAPTERS
1.	October	Cell: structures and functions ➢ Discovery of the cell ➢ The cell ➢ Cell structure and function ➢ Parts of the cell ➢ Comparison of plant and animal cells
2.	October	Reproduction in animals ➢ Modes of reproduction

		➢ Sexual reproduction
		➢ Asexual reproduction
3.	October and November	**Reaching the age of adolescence** ➢ adolescence and puberty ➢ changes at puberty ➢ secondary sexual characters ➢ role of hormones ➢ reproductive phase of life in humans ➢ sex determination ➢ hormones other than sex hormones ➢ reproductive health ➢ role of hormones in insects and frogs
4.	November	**Coal and petroleum** ➢ Natural resources and their types ➢ Coal ➢ Petroleum ➢ Natural gas ➢ Conservation of resources
5.	November	**Combustion and flame** ➢ What is combustion? ➢ How do we control fire? ➢ Types of combustion ➢ Flame ➢ Structure of a flame ➢ Fuel and its efficiency
6.	November and December	**Pollution of air and water** ➢ Air pollution and its causes and control ➢ Case study of the Taj Mahal ➢ Green house effect ➢ Water pollution and its causes and control ➢ What is potable water and how is water purified?
7.	December	**Sound** ➢ Sound production ➢ Sound production by humans ➢ Sound production by musical instruments ➢ Sound propagation ➢ Sound hearing ➢ Characteristics of sound wave ➢ Audible and inaudible sounds ➢ Noise and music ➢ Noise pollution and its effects
8.	January	**Chemical effects of electric current** ➢ Electricity conduction in liquids ➢ Chemical effects of electric current ➢ Electroplating

9.	January and February	Stars and solar system
		➢ The moon
		➢ Phases of the moon
		➢ The stars
		➢ Constellations
		➢ The sun
		➢ The solar system
		➢ The planets
		➢ Other members of solar system
		➢ Artificial satellites

Delhi World Public School Jamshedpur

Syllabus for the Academic Session 2019-2020

Class – VIII A & B   **SA- 1**   **Subject- Social Studies**

Month	Topic	Activity Related To The Chapters
April-May	**1. How, When & Where** 1.1. How Important Are Dates 1.2. How Do We Periodise? 1.3. What is colonial? 1.4. Administration Produce Records 1.5. What Official Records do not Tell **2. An introduction to Resources** 2.1 Types of Resources 2.2 Types based on Renewability **3. The Indian Constitution**	File Work On: Find Out How Agriculture Changed In A Remote Tribal Area After Independence

	3.1 Why does a country need a constitution? 3.2 The Indian Constitution :- Key features 3.3 Federalism 3.4 Parliament form of government 3.5 Separation of powers 3.6 Fundamental Rights 3.7 Secularism **Map Reflection** **Modern times: India & the world** Assignment number 1 to 13	
June	4. **From Trade To Territory** 4.1. East India Company Comes East 4.2. East India Company Begins Trade In Bengal 4.3. How Trade Led To Battles 4.4. The Battle Of Plassey 4.5. Company officials become "nabobs" 4.6. Company rule expands 4.7. Tipu Sultan- The " Tiger of Mysore" 4.8. The Doctrine of Lapse 4.9. Setting up a new administration **Map Reflection** **Modern times: India & the world** Assignment number 14 to 17	Map Work-Locate The Places That Become Part Of The British Empire Through Subsidiary Alliance $ Doctrine Of Lapse
July	5. **Natural Resources –land , Soil and Water** 5.1 Land Use 5.2 Types of soil 6. **Ruling The Country Side** 6.1. The Company Becomes The Diwan 6.2. Revenue For The Company 6.3. The Need To Improve Agriculture 6.4. The Problems 6.5. A New System Is Devised 6.6. The Munro System 6.7. Crops for Europe 6.8. Why the demand for Indian indigo? 6.9. How was indigo cultivated? 6.10 The "Blue Rebellion" and after **7.Natural Resources- Natural Vegetation and Wild life** **Map Reflection** **Modern times: India & the world** Assignment number 18 to 21 **World- Resources** Assignment number 22 to 26	File Work On : Production system of Indigo
August	8. **Understanding Secularism** 8.1 What is Secularism? 8.2 Why is it important to separate religion from the state? 8.3 What is Indian Secularism? **9.When People Rebel : 1857 and after** 9.1. Policies And The People 9.2. Through the Eyes of the people 9.3. A Mutiny becomes a popular rebellion 9.4 The Company fights back **10. Mineral and Power Resources** 10.1 Distribution of Minerals 10.2 use of Minerals & power	Collect Information & Collage Pictures & Make A Collage On Tribes Resistance Of The Present World

Month	Topic	Activities
	Map Reflection **World- Resources** Assignment number 27 to 33	
September	Revision	

Class – Vlll A & B   SA- 2   Subject- Social Studies

Month	Topic	Activities
October	**11. Weavers, Iron, Smelters And Factory Owners** 11.1 The decline of Indian Textiles 11.2 The sword of Tipu Sultan and Wootz steel 11.3 Iron and Steel factories come up in India **12. Civilizing the "Native", Educating The Nation** 12.1 How the British saw education 12.2 What happened to the local schools? 12.3 The agenda for a national education **Map Reflection** **India- Resources** Assignment number 34 to 39	Group Presentation
November	**13. Women, Caste And Reform.** 13.1. Working Towards Change 13.2. Changing The Lives Of Widows 13.3. Girls Being Going To School 13.4. Caste And Social Reform 13.5. Demands For Equality And Justice 13.6. Who Could Enter Temples? **14. Why do we Need a Parliament** 14.1 Why should people decide? 14.2 People and their representatives 14.3 The role of the parliament 14.4 Who are the people in Parliament? **Map Reflection** **Case study** Assignment number 40 to 44	Individual Views On Women, Caste And Reform
December	**15. Understanding Laws** 15.1 Do laws apply to all? 15.2 How do new laws come about? 15.3 Unpopular and controversial laws **16.Laws and social justice** 16.1 Bhopal Gas Tragedy 16.2 What is a worker's worth? 16.3 Enforcement of safety laws 16.4 New laws to protect the environment **17. Public Facilities** 17.1 Water and the people of Chennai 17.2 Water as part of the Fundamental Rights to Life 17.3 Public facilities 17.4 The government's role	

	17.5 Water supply to Chennai: Is it available to all? 17.6 In search of alternatives **Map Reflection** **Natural disasters** Assignment number 45 to 51		
January	**18. The Making Of the National Movements (1870s-1947)** 18.1. The Emergency Of Nationalism 18.2. "Freedom Is Our Birthrights" 18.3. The Advent Of Mahatma Gandhi 18.4. The Rowlett Satyagraha 18.5. Khilafat Agitation And Non-Cooperation Movement 18.6. The Happenings Of 1922-1929 18.7. The March To Dandi 18.8. Quit India And Later 18.9. Towards Independence And Partition **19. India After Independence** 19.1. A New And Divided Nation 19.2. A Constitution Is Written 19.3. How Were States To Be Formed 19.4. Planning For Development 19.5. The Nation, Sixty Year On Assignment number 1 to 8	A File Project On National Movements.	
February	Revision		

Delhi World Public School Jamshedpur
SYLLABUS FOR SEMESTER- 1 (HALF YEARLY)
SESSION – 2019-2020

SUB-COMPUTER   **STD-VIII**

Sl No.	Month	Name Of The Chapters	Activity Related To The Chapter
1.	April	**Networking Concepts** • Networking and its Advantages • Network Components • Types of Networks • Network Architecture	Create a PPT on Advantages of Networking

		• Accessing a File from a shared Drive • Network Security	
2.	May	**Log on to Access** • Types and Structure of Database • What is Microsoft Access? • Features and Components of Microsoft Access 2010	Create a Database of students of the class with the personal details including their Roll No.
3.	June	**Log on to Access** • Creating a Blank Database • Creating a Table using Templates • Closing Access Application	Enter 15 records into the earlier created Database
4.	July	**Working with Tables** • Data types • Creating Table in Design View • Primary Key • Setting a Primary Key	Create Table Employees and enter records and save it.
5.	August	**Working with Tables** • Adding a New Field • Deleting/ Moving a Field • Entering Data in a Table • Deleting a Row/Column • Sorting Data within a Table	Generate a report to display the teachers details
6.	September	**Revision**	

Delhi World Public School Jamshedpur
SYLLABUS   FOR SEMESTER- 2 (ANNUAL)
SESSION – 2019-2020

SUB-COMPUTER   **STD-VIII**

Sl No.	Month	Name Of The Chapters	Activity Related To The Chapter
1.	October	**Understanding HTML** • History of HTML • Describing HTML Tags • How to create an HTML Document • Viewing an HTML document • Attributes	
2.	November	**Understanding HTML** • Types of Elements • Changing the Appearance of text • Changing the Font, Size, Text Colour and Background • Top Margin and Left Margin	
3.	December	**Using List and Creating a Table** • Unordered List • Type Attribute • Ordered List • Marquee Tag	Creating forms containing image
4.	January	**Using List and Creating a Table** • Creating a Table / Attributes of the table Tags • Attributes of the <TR> <TD> and <TH> Tags • Linking the Web Pages / Inserting Images	Creating web page and apply formatting tags
5.	February	**Surfing Internet** • World Wide Web • Multimedia • Real-Time Communication • Skype • Creating Blog **Revision**	Creating web page about surfing internet

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