

**Motilal Nehru Public School  
Jamshedpur**

Yearly Syllabus(IX A, B, C) : 2016 - 2017

<b>*ENGLISH LITERATURE</b>	
<b>UT-1</b>	<b>FIRST TERM</b>
Merchant of Venice-Act-I-scene1(Till Line no.145)	Merchant of Venice-Act-I,Scene -I to III Prose: The Blue Bead,My Greatest Olympic Prize, Poetry: Nine Gold Medals,Television,
<b>UT-2</b>	<b>SECOND TERM</b>
Project & CT on Animal Farm(Self Study)	Merchant of Venice-Act-II Scene-I,II,III,IV,V Prose:A face in the Dark, Hearts and Hands Poetry: The Bangle Sellers
<b>UT-3</b>	<b>FINAL TERM</b>
Merchant of Venice-Act-II Scene-(I to IX) Prose:The Little Match Girl	Merchant of Venice-Act-II Scene-VI to IX & Act III Scene-I Prose:A Horse and two Goats,The Little Match Girl Poetry:Idaffodils,Abou Ben Adhem
<b>*ENGLISH LANGUAGE</b>	
<b>UT-1</b>	<b>FIRST TERM</b>
Speaking & Listening skills	Letter -Letter to an Editor,Friendly letter,Transformation of sentences I & II Sequence of sentences,Direct Indirect , email and notice Test Paper 1-4 Proverbs : Letters 'A' - 'C',Art of Effective writing Essay : Argumentative,Comprehension Passage and Precis,Notice ,E-mail
<b>UT-2</b>	<b>SECOND TERM</b>
Project on book review & CT on grammar	Letter : Persuaion, Essay :- (1). Descriptive 2. Picture composition Proverbs : Letter 'D' , 'E'and 'F',Art of Effective writing, email and notice Test Paper 5-8,Active Passive, Agreement of subject verb Tenses,Comprehension Passage and Precis Personal,Official Letter,Notice ,E-mail
<b>UT-3</b>	<b>FINAL TERM</b>
Formal letter,Preposition & transformation of sentences	Letter :Invitation ,Apology,Proverbs : G-I,Test Paper 9-12 Preposition,Articles,Synthesis of sentences Comprehension Passage and Precis,E-mail All Terminal exams include the entire portion completed till then

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<b>*HINDI</b>	
<b>UT-1</b>	<b>FIRST TERM</b>
	Apathith Gadyansha - 2, Nibandh - 2, Patra-2, Vyakaran sambandhi Prashana
Vyakaran sambandhi Prashana, Sakhi	Sahitya Sagar- Sakhi, Swarg bana sakte hai, baat athanni ki, kaki
	Akanki Sanchay - Sanskar aur Bhaavana
<b>UT-2</b>	<b>SECOND TERM</b>
Project & CT on Kisi prasidha byakti ka byatitwa aur unka bhashan	apathith Gadyansha - 2, Patra - 2, Nibandh-2, Vyakaran sambandhi Prashana
	Chitralkhan - 1,
	Sahitya Sagar- Giridhar ki Kundliya, Wah Janmbhumi meri, Mahayagya ka Purskar,
	Netaji ka chashma.
	Akanki Sanchay - Bahu ki Vidai (Vinod Rastogi)
<b>UT-3</b>	<b>FINAL TERM</b>
	Apathith Gadyansha - 2, Nibandh -2, Patra-2, Vyakaran sambandhi Prashana
Vyakaran sambandhi Prashana	Aatmkatha - 1,
Megh Aye	Sahitya Sagar- Megh Aaye, Apna Apna Bhagya,
	Akanki Sanchay - Matrabhumi ka maan (Harikrishn Premi)
	Soor ke Pad, Bade ghar ki beti
<b>*HISTORY &amp; CIVICS</b>	
<b>UT-1</b>	<b>FIRST TERM</b>
Local self government (Rural)	Local self government (urban),The Reformation, The Renaissance, Our Constitution
<b>UT-2</b>	<b>SECOND TERM</b>
Project Work & CT on Industrial Revolution	Rise of Dictatorship,World war I & II,The Union Parliament
<b>UT-3</b>	<b>FINAL TERM</b>
Union Judiiciary	UNO ,The President & V.P.,The 1857 Revolt,The Union Parliament
	Factors Promoting Nationalism and Foundation of the INC
	Unit test portion to be included in all terms
<b>*GEOGRAPHY</b>	
<b>UT- 1</b>	<b>FIRST TERM</b>
Rotation and Revolution of the Earth, Structure of the Earth	Landforms of the Earth,Rocks,Volcanoes,Earthquakes,
	Map of India and Survey Map.Portion covered in UT I
<b>UT-2</b>	<b>SECOND TERM</b>
Project work on Rock and CT on Weathering	Weathering and Denudation,The hydrosphere-Tides and Ocean Currents,
	Pollution and its Sources,Effect of Pollution, Preventive Measures of Pollution
	Equatorial Region(Natural Region), Map of India and Survey Map.
<b>UT-3</b>	<b>FINAL TERM</b>
The Atmosphere	Natural Region- Mediterranean Regions,The Atmosphere
	The Insolation,Pressure beltsand Types of winds,Humidity
	Portion covered in 1St Term, Map of India and Survey Map.

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<b>*MATHEMATICS</b>	
<b>UT-1</b>	<b>FIRST TERM</b>
Expansion,Factorisation,Indices,compound interest	Portion covered in 1st UT-1, Simultaneous linear equations, Indices, Triangles(9.1,9.2,9.3,9.4), Theorems on area
<b>UT-2</b>	<b>SECOND TERM</b>
Project -- Mensuration CT - Rational & irrational, Log	Rational and Irrational numbers, logarithms, midpoint theorem, Rectilinear figures(Ex-12.1,12.2), Mensuration(ex-15.1,15.2,15.3,15.4), Revision Chapters : Compound Intrest, Indices, Simultaneous linear Equation
<b>UT-3</b>	<b>FINAL TERM</b>
Trigonometrical ratios, Trigonometrical ratios of Standard Angles	Portion covered in 3rd Unit Tests, Problems on simultaneous linear equations, Pythagoras theorem, Circle(Geometry), Revision chapters- C.I, indices, Simultaneous Linear equation, rational and irrational numbers.
<b>*PHYSICS</b>	
<b>UT-1</b>	<b>FIRST TERM</b>
Motion in One Dimension	Measurement & Experimentation, Motion in one dimention Laws of Motion , Reflection of Light Practicals:-(1)Use of Vernier Caliperse (2) Use of screw guage
<b>UT-2</b>	<b>SECOND TERM</b>
Project work & CT on Accoustic (i.e; sound and its properties)	Pressure in Fluids and atmospheric pressure, Upthurst in fluids, Archimedes' Principle and floatation Propagation of Sound waves Practicals: (1) Using Simple Pendulum determine the value of "g" (2) Application of (i) Series combination (ii) Mixed combination (iii) Parallel combination of electrical circuit
<b>UT-3</b>	<b>FINAL TERM</b>
Current Eletricity(IX &X)	Heat and Energy, Current Electricity, Magnetism Practical: (1) Plot the magnetic field line of magnets in various positions with neutral point (2) Varification of Archimedes' principle using spring balance Revision : Motion in one dimension, Propagation of sound wave.
<b>*CHEMISTRY</b>	
<b>UT-1</b>	<b>FIRST TERM</b>
Study of Gas Laws , Language of chemistry	UT Portion ,Periodic Table,,Periodic properties & variations of properties from class X Prac:Identification of App.,Identification of Gases, Chemical changes and reactions
<b>UT-2</b>	<b>SECONDTERM</b>
Project & CT on PeriodicTable & properties)	Atomic structure and Chemical bonding Cell and Tissue,Flower,Polination and Fertilization,Structure and Germination of Seed, Prac:Effect of Heat on substances
<b>UT-3</b>	<b>FINAL TERM</b>
Ammonia	Study of compounds,HCl,Ammonia HNO <sub>3</sub> Study of Gas Laws, Chemical bonding, Atmospheric pollution Prac:Action of Dil.Sulphuric Acids on Metals and Compounds,Flame Test

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<b>*BIOLOGY</b>	
<b>UT-1</b>	<b>FIRST TERM</b>
Cell and Tissue	Cell and Tissue, Flower, Polination and Fertilization, Structure and Germination of Seed, Respiration in plants
	Prac: Examination of Onion Peel, Hibiscus, Germinating Seed (Bean & Maize)
<b>UT-2</b>	<b>SECOND TERM</b>
Project & CT on Economic Importance of Bacteria and Fungi	Economic Importance of Bacteria and Fungi, Nutrition, Dentition, Digestive system
	Prac: Examination of Human Cheek Cell, Food Taste, Specimen Identification
<b>UT-3</b>	<b>FINAL TERM</b>
Skin	Skin, Respiration in Animals, Health & Hygiene, Aids to Health, Waste generation
	Entire final term Syllabus
	Prac: Respiration, Field I & II
<b>*COMPUTER</b>	
<b>UT-1</b>	<b>FIRST TERM</b>
Concept of objects, Introducing classes Simple programs in Java	Access I, Concept of Objects, Introducing classes, Classes as basis of all computations (till operators), Introducing Java on BlueJ environment
	Simple problems on Data Types & If-else programming in JAVA
<b>UT-2</b>	<b>SECOND TERM</b>
If-else Programs & Switch Case Programs	Classes as basis of all computations, Simple For loop programs, The entire portion covered so far.
<b>UT-3</b>	<b>FINAL TERM</b>
All For loop programs/Nested For loop	All types of loops, While Loop, Do-while Loop related programs with it. The entire portion covered so far.
<b>*G K</b>	
	<b>FIRST TERM</b>
	Telekids- April, May, Current affairs, logical and reasoning test
	<b>SECOND TERM</b>
	Telekids- July, Aug Current affairs, logical and reasoning test
	<b>FINAL TERM</b>
	Telekids- Nov, Dec, Current affairs, logical and reasoning test
<b>*S.U.P.W.</b>	
	<b>FIRST TERM</b>
	Class Performance (Interaction question answer round)
	<b>SECOND TERM</b>
	Social Service to Needy (Collection of old clothes, medicines and other materials and packed in a form of gift) Minimum three items should be brought by each student.
	<b>FINAL TERM</b>
	Writing Skill
<b>*ETHICS</b>	
	<b>FIRST TERM</b>
	Monthly presentation for the yearly value calendar for morning assembly
	<b>SECOND TERM</b>
	Monthly presentation for the yearly value calendar for morning assembly
	<b>FINAL TERM</b>
	Monthly presentation for the yearly value calendar for morning assembly