

DELHI PUBLIC SCHOOL, GANDHINAGAR
SYLLABUS – 2022-23
CLASS – X

SUBJECT: ENGLISH

MONTH	LITERATURE READER (FIRST FLIGHT)	SUPPLEMENTARY READER (FOOTPRINTS WITHOUT FEET)	WRITING	GRAMMAR/ WORKBOOK (WORDS & EXPRESSIONS)
April	L-1: A Letter to God Dust of Snow (Poem) Fire & Ice (Poem) L-2: Nelson Mandela: Long walk to Freedom	L-1: A Triumph Of Surgery	Letter to the Editor	Tenses W.B. Unit 1-Page No.-(4-6) W.B. Unit 2- Page No.-(23-25)
May	-		-	Modals W.B. Unit 3 – Page No. (38-41)
June	A Tiger In The Zoo (Poem)	L-2 The Thief’s Story L-3: The Midnight visitor	-	W.B. Unit 4 –Page No.-(45-52)
July	L-3: Two Stories about Flying - His first flight The Black Aeroplane The Ball Poem(Poem)	L-4: A Question of Trust L-5: Foot prints without Feet	Formal Letter (Situation Based)	Determiners Sub –Verb Concord
Syllabus for Periodic Test-1 (July)				
Reading : Unseen Comprehension Writing & Grammar : Letter to the Editor, Formal Letter (Situation Based), Determiners, Sub –Verb Concord, Tenses , Modals Literature : A Letter to God, Nelson Mandela: Long walk to Freedom, Dust of Snow, Fire & Ice, A Tiger In The Zoo, A Triumph Of Surgery, The Thief’s story				
August	How to tell Wild Animals (Poem) L-4: From the Diary of Anne Frank	L-6: The Making of a Scientist	Analytical Paragraph ASL	W.B. Unit 7.-Page No.(91-93) Reported Speech Commands and requests Statements Questions
September	Amanda (Poem)	L-7: The Necklace		W.B. Unit 8. –Page No.(112-113)
Syllabus for Half Yearly (September)				
Reading: Unseen Comprehension Writing & Grammar: Letter to the Editor, Formal Letter (Situation Based), Analytical Paragraph, Tenses, Modals, Determiners, Sub- Verb Concord, Reported Speech Literature : A Letter to God, Dust of Snow, Fire & Ice, Nelson Mandela, A Tiger In The Zoo, Two Stories about Flying(1&2), How to tell Wild Animals, From the Diary Of Anne Frank, The Ball poem, Amanda , A Triumph Of Surgery, The Thief’s Story, The Midnight visitor, A Question of Trust, Foot prints without Feet, The Making of a Scientist				
October	L-7: Glimpses of India- A Baker from Goa Coorg Tea from Assam The Trees(poem)			
November	L-8: Mijbil the Otter L-9: Madam Rides the Bus The Tale of Custard the Dragon (poem) L-10: The Sermon At Benares	L-9: Bholi	Formal Letter	Reported Speech Statements Questions W.B. Unit 9- Page No.-(121-123)

December	L-11: The Proposal Fog (poem) For Anne Gregory (poem)	L-10: The Book that saved the Earth	ASL	W.B. Unit 10- Page No.-(142-145) W.B. Unit 11- Page No.-(157-159)
Syllabus for Pre-Board: Entire syllabus as per CBSE guidelines				

SUBJECT: HINDI

माह	पाठ के नाम	व्याकरण	क्रियात्मक कार्य
अप्रैल	1. बड़े भाई साहब 2. कबीर की साखी	पदबंध	अपठित गद्यांश अनुच्छेद लेखन सूचना लेखन
मई	3. मीरा के पद		
जून	4. डायरी का एक पन्ना 6. ततारा वामीरो कथा	मुहावरे	अनुच्छेद लेखन अपठित गद्यांश
जुलाई	7. मनुष्यता 8. तीसरी कसम के शिल्पकार : शैलेन्द्र	वाक्य रूपांतरण समास व उसके भेद	विज्ञापन लेखन पत्र लेखन लघु कथा लेखन
<p>अभ्यासक्रम P. T. – I, 1. बड़े भाई साहब 2. कबीर की साखी 3. मीरा के पद ,4. डायरी का एक पन्ना , 6. ततारा वामीरो कथा</p> <p>व्याकरण – पदबंध, मुहावरे , समास , वाक्य रूपांतरण </p> <p>क्रियात्मक कार्य - अपठित गद्यांश, अनुच्छेद लेखन, पत्र लेखन , विज्ञापन लेखन, सूचना लेखन, लघु कथा लेखन </p>			
अगस्त	पाठ 1 हरिहर काका (संचयन) 9. पर्वत प्रदेश में पावस 10. अब कहाँ दूसरे के दुःख से दुखी होने वाले	समास व उसके भेद अभ्यास कार्य कक्षा गतिविधि	विज्ञापन लेखन अपठित गद्यांश सूचना लेखन लघुकथा लेखन ईमेल लेखन
सितम्बर	पुनरावर्तन कार्य और अर्द्ध –वार्षिक परीक्षा	समास का अभ्यास कार्य	
<p>अर्द्ध - वार्षिक परीक्षा का अभ्यासक्रम - 1. बड़े भाई साहब , 2. कबीर की साखी , 3. मीरा के पद , 4. डायरी का एक पन्ना , 6. ततारा वामीरो कथा 7. मनुष्यता , 8. तीसरी कसम के शिल्पकार : शैलेन्द्र , 9. पर्वत प्रदेश में पावस , 10. अब कहाँ दूसरे के दुःख से दुखी होने वाले , पूरक पुस्तक – हरिहर काका</p> <p>व्याकरण - पदबंध, वाक्य रूपांतरण , समास व उसके भेद , मुहावरे </p> <p>क्रियात्मक कार्य - अपठित गद्यांश , अनुच्छेद लेखन , पत्र लेखन , विज्ञापन लेखन , सूचना लेखन , लघु कथा लेखन , ईमेल लेखन </p>			
अक्टूबर	11. तोप 12.पतझड़ में टूटी पत्तियाँ 2. सपनों के से दिन (संचयन)	पदबंध मुहावरे	अपठित गद्यांश अनुच्छेद लेखन पत्र लेखन
नवम्बर	13. कर चले हम फ़िदा 14. कारतूस 15. आत्मत्राण	वाक्य रूपांतरण समास का अभ्यास कार्य	विज्ञापन लेखन सूचना लेखन लघु कथा लेखन अपठित गद्यांश

			कक्षा गतिविधि – श्रवण और वाचन
दिसम्बर	3. टोपी शुक्ला (संचयन)	समस्त व्याकरण का पुनरावर्तन	ईमेल लेखन
जनवरी	प्री- बोर्ड परीक्षा हेतु उपरोक्त समस्त पाठ्यक्रम का पुनरावर्तन करवाया जाएगा		

SUBJECT: SANSKRIT

Month	Lessons/ Chapters	Activities/ Practicals
April	→ समयः – सामान्य, सपाद, सार्ध, पादोन → अव्ययपदानि (उच्चैः, च, श्वः, ह्यः, अद्य, अत्र-तत्र, यत्र-कुत्र, अधुना, इदानीम्, सम्प्रति, साम्प्रतम्, यदा, तदा, कदा, सहसा, वृथा, शनैः, अपि, कुतः, इतस्ततः, यदि-तर्हि, यावत्-तावत् → प्रत्ययाः - तल्, त्व, टाप्, डीप् पाठः – २ बुद्धिर्बलवती सदा	→ चित्रवर्णनम् → अनुवादः
May	→ पाठः – २ बुद्धिर्बलवती सदा	
June	पाठः -१ शुचिपर्यावरणम् → व्यञ्जनसन्धिः –वर्गीय १ → ३वर्ण, वर्गीय १ → ५ वर्ण	SEA सुभाषितरसास्वादः
July	पाठः – ४ शिशुलालनम् → अशुद्धिशोधनम् (वचन-लिङ्ग-पुरुष-लकार-विभक्तिदृष्ट्या) → समासाः – विभक्तितत्पुरुषः, बहुव्रीहिः, अव्ययीभाव(अनु, उप, सह, निर्, प्रति, यथा), द्वन्द्वः	पत्रलेखनम्
Syllabus for Periodic Test-1 (July-August) पाठः १, २, ४ चित्रवर्णनम्, अनुवादः, समयः, अव्ययपदानि, अशुद्धिशोधनम्		
August	पाठः – ५ जननी तुल्यवत्सला पाठः – ६ सुभाषितानि → प्रत्ययाः – मतुप्, ठक्	अपठितगद्यांश
September	पुनरावर्तनम्	
Syllabus for Half Yearly Examination (September) पाठः १, २, ४, ५, ६, समयः, प्रत्ययाः, अव्ययाः, व्यञ्जनसन्धिः, समासाः, अशुद्धिशोधनम्, अपठितगद्यांश, पत्रलेखनम्, चित्रवर्णनम्, अनुवादः		
October	पाठः – ७ सौहार्दं प्रकृतेः शोभा पाठः – ८ विचित्रः साक्षी → विसर्गसन्धिः – विसर्गस्य उत्त्वम्, रत्वम्, विसर्गलोपः, विसर्गस्य स् / श् / ष्	SEA कथाश्रवणम् अवगमनं च
November	पाठः – ९ सूक्तयः पाठः – पाठः १२ अन्योक्तयः → वाच्यपरिवर्तनम् – केवलं लट् लकारे	→ पत्रलेखनम्
December	→ पुनरावर्तनम्	
Syllabus for Pre Board सम्पूर्णः अभ्यासक्रमः		

SUBJECT: MATHS

Month	Chapter No. and Name	Activities/Practicals
April	Ch.1 Real Numbers Ch.2 Polynomials	
May	Ch.3 Pair of Linear Equations in Two Variables	
June	Ch.3 Pair of Linear Equations in Two Variables (cont...) Ch.5 Arithmetic Progressions	* To find the condition for inconsistency with the help of given systems of linear equations in two variables by using graphs. * To find that the sum of first 'n' odd natural numbers as n^2 by graphical method.
July	Ch.6 Triangles Ch.7 Coordinate Geometry	* To verify BPT by paper cutting and pasting. * To verify Pythagoras theorem by paper cutting and pasting.
Syllabus for Periodic Test-1 (July) Chapter : 1, 2, 3, 5, 6		
August	Ch.8 Introduction to Trigonometry Ch.15 Probability	* To understand the concept of probability of throwing a pair of dice by drawing number cards.
September	REVISION Ch.4 Quadratic Equations	
Syllabus for Half Yearly (September) Chapter : 1, 2, 3, 5, 6, 7, 8, 15		
October	Ch.9 Some Applications of Trigonometry Ch.10 Circles	* To prove that the tangents drawn from an external point to a circle are equal in lengths by paper cutting and pasting.
November	Ch.12 Areas related to circles Ch.13 Surface Areas and Volumes	* To verify that the sum of areas of three sectors of the same radii 'r' formed at the vertices of any triangle $\frac{\pi r^2}{2}$ using paper cutting and pasting.
December	Ch.13 Surface Areas and Volumes (cont...) Ch.14 Statistics	* To get the formula for the volume of a right circular cone and hemisphere experimentally.
Syllabus for Pre-Board: Entire syllabus as per CBSE guidelines (Ch.11 Constructions deleted)		

SUBJECT: SCIENCE

Month	Lessons/ Chapters	Activities/ Practicals
April	PHYSICS Ch:10 Light-Reflection & Refraction CHEMISTRY Ch:1 Chemical Reactions and Equations. BIOLOGY Ch:6 Life Processes	PHYSICS 1. To determine the focal length of: (i) concave mirror (ii) convex lens by obtaining the image of a distant object. CHEMISTRY 2. To perform and observe the following reactions and classify them into: A. Combination reaction B. Decomposition reaction C. Displacement reaction D. Double displacement reaction by (i) Action of water on quick lime

		(ii) Action of heat on ferrous sulphate crystals (iii) Iron nails kept in copper sulphate solution (iv) Reaction between sodium sulphate and barium chloride solutions. <u>BIOLOGY</u> 3. To prepare a temporary mount of a leaf peel to show stomata.
May	<u>PHYSICS</u> Ch:10 Light-Reflection & Refraction <u>CHEMISTRY</u> Ch:1 Chemical Reactions and Equations <u>BIOLOGY</u> Ch:6 Life Processes	
June	<u>PHYSICS</u> Ch:10 Light-Reflection & Refraction Ch:11 Human Eye and the Colourful World <u>CHEMISTRY</u> Ch:1 Chemical Reactions and Equations Ch:2 Acids, Bases and Salts <u>BIOLOGY</u> Ch:6 Life Processes	<u>PHYSICS</u> 4. To trace the path of a ray of light passing through a rectangular glass slab for different angles of incidence, measure the angle of incidence, angle of refraction, angle of emergence and interpret the result. <u>CHEMISTRY</u> 5.(A) To find the pH of the following samples by using pH paper/universal indicator: (i) Dilute Hydrochloric Acid (ii) Dilute NaOH solution (iii) Dilute Ethanoic Acid solution (iv) Lemon juice (v) Water (vi) Dilute Hydrogen Carbonate solution (B). To study the properties of acids and bases (HCl & NaOH) on the basis of their reaction with: a) Litmus solution (Blue/Red) b) Zinc metal c) Solid sodium carbonate. <u>BIOLOGY</u> 6. To show experimentally that CO ₂ is given out during respiration.
July	<u>PHYSICS</u> Ch:11 Human Eye and the Colourful World <u>CHEMISTRY</u> Ch:2 Acids, Bases and Salts <u>BIOLOGY</u> Ch: 6 Life Processes Ch:7 Control and Coordination	<u>PHYSICS</u> 7. To trace the path of the rays of light through a glass prism. <u>CHEMISTRY</u> 8. To observe the action of Zn, Fe, Cu and Al metals on the following salt solutions: i) ZnSO ₄ (aq) ii) FeSO ₄ (aq) iii) CuSO ₄ (aq) iv) Al ₂ (SO ₄) ₃ (aq) Arranging Zn, Fe, Cu and Al (metals) in the decreasing order of reactivity based on the above <u>BIOLOGY</u> 9. To identify the different parts of an embryo of a dicot seed.
Syllabus for Periodic Test-1 (July) Ch: 1, 6 & 10		
August	<u>PHYSICS</u> Ch:12 Electricity <u>CHEMISTRY</u> Ch:2 Acids, Bases and Salts Ch:3 Metals & Non-metals <u>BIOLOGY</u> Ch:7 Control and Coordination Ch:8 How do Organisms Reproduce?	<u>PHYSICS</u> 10. To study the dependence of potential difference (V) across a resistor on the current (I) passing through it and determine its resistance. Also plot a graph between V and I. <u>CHEMISTRY</u> 11. To study the following properties of acetic acid (ethanoic acid): i) odour ii) solubility in water iii) effect on litmus iv) reaction with Sodium Hydrogen Carbonate. <u>BIOLOGY</u>

		12. To study (a) binary fission in Amoeba & (b) budding in yeast with the help of prepared slides.
September	Revision	
Syllabus for Half Yearly (September) Ch:1, 2, 3, 6, 7, 10, 11 & 12(12.1-12.5)		
October	PHYSICS Ch:12 Electricity CHEMISTRY Ch:3 Metals & Non-Metals BIOLOGY Ch:8 How do Organisms Reproduce? Ch:9 Heredity and Evolution	PHYSICS 13. To determine the equivalent resistance of two resistors when connected in : (a) series and (b) parallel CHEMISTRY 14. To study of the comparative cleaning capacity of a sample of soap in soft and hard water.
November	PHYSICS Ch:13 Magnetic Effects of Electric Current CHEMISTRY Ch:4 Carbon & its Compounds BIOLOGY Ch:9 Heredity and Evolution	
December	PHYSICS Ch:13 Magnetic Effects of Electric Current CHEMISTRY Ch:4 Carbon & its Compounds BIOLOGY Ch:15 Our Environment Ch:16 Management of Natural Resources(Internal Assessment)	
Syllabus for Pre-Board: Entire syllabus as per CBSE guidelines		

SUBJECT: SOCIAL SCIENCE

Month	Lessons/ Chapters	Activities/ Map Skill
April	D.P.: 1.Power Sharing Geography: 1.Resource and Development Economics: 1.Development	Map work • Major soil Types
May	D.P.: 2.Federalism	
June	D.P.: 2.Federalism Geography: 2. Forest and wildlife History: 1.The Rise of Nationalism in Europe	
July	History: 1.The Rise of Nationalism in Europe Geography: 3. Water 4. Agriculture Economics: 2. Sectors of Indian Economy	Map-Work: • Major Dams • Major areas of Rice and Wheat • Major areas of Sugarcane, Tea, Coffee, Rubber, Cotton and Jute.
Syllabus for Periodic Test-1 (July) History: 1 D.P: 1, 2 Economics: 1 Geography: 1, 2, 3		

August	Economics: 2. Sectors of Indian Economy History: 2. Nationalism in India D.P: 4. Gender, Religion and Caste 6. Political Parties	Map-Work: • Indian National Congress Sessions. • Important Centres of Indian National Movement.
September	D.P: 6. Political Parties Economics: 3. Money and Credit	
Syllabus for Half Yearly (September) History: 1, 2 Geography: 1, 2, 3, 4 D.P: 1, 2, 4 Economics: 1, 2		
October	Economics: 4. Globalisation and the Indian Economy Geography: 5. Minerals and Energy Resources History: 3. Making of Global World	Map work: • Minerals • Power Plants
November	History: 3. Making of Global World Geography: 6. Manufacturing Industries 7. Lifelines of National Economy History: 4. The Age of Industrialisation	Map work: • Software Technology Parks • Major Sea Ports • International Airports
December	History: 4. The Age of Industrialisation D.P: 7. Outcomes of Democracy History: 5. Print Culture and the Modern World	
Syllabus for Pre-Board: Entire syllabus (excluding History Ch 5) as per CBSE guidelines		
January	History: 5. Print Culture and the Modern World	

SUBJECT: COMPUTER APPLICATIONS

Month	Lessons/ Chapters	Activities/Practical
April	3. HTML-I Basics HTML Elements	Topic 1: Create 'Types of Computer Hardware' webpage using Lists (Nested List)
May	1. Internet Basics	
June	1. Internet Basics (Contd..) 4. HTML-II: Images, Links and Tables	Topic 2: Create "Any 5 Internet Terms (Client, Server, Webpage, Web Browser, Web Client)" webpage using Definition List Topic 3: Create "Types of Plagiarism & reasons" webpage using basic HTML tags.
July	4. HTML-II: Images, Links and Tables (Contd.) 2. Internet Services and Mobile Technologies	Topic 4: Create "Indian Elephant" website using HTML (Pg.194) SEA-I Topic 5: Create "Mobile World" Website using HTML.
Syllabus for Periodic Test-1 (July) Ch 1, 3 & 4(4.1, 4.2, 4.3, 4.4)		
August	5. HTML-Forms	SEA-II Topic 6: Create "Library Login Account" form using HTML Forms.

September	5. HTML-Forms (Contd..) Revision	Revision Topic: 1. Create "Dances of India" Website using HTML (Pg 200).
Syllabus for Half Yearly (September) Ch 1, 2, 3, 4 & 5		
October	6. Cascading Style Sheets (CSS)	Topic 7: Create "Heritage of India" webpage using HTML and CSS. SEA-III Topic 8: Create "Seven Wonders of the World" webpage using HTML and CSS.
November	6. Cascading Style Sheets (CSS) 7. Cyberethics	SEA-IV Topic 9: Create "Airlines" website using HTML and CSS.
December	7. Cyberethics(Contd..) Revision	Revision Topic: 1. Create "Tourism" Webpage using HTML and CSS.
Syllabus for Pre-Board: Entire syllabus as per CBSE guidelines		

SUBJECT: ART & CRAFT

Month	Lessons/ Chapters	Required Materials
April	Chapter-1	Calligraphy Pen/Flat point marker And Black ink ,Poster Colours, Round Brush, Colour plat, water bowl
May	About- Calligraphy and cursive Writing	
June	About- Picture Composition	
July	Chapter-2 About- Nature Study About- Free Hand Design	Water colour box/4B and 6B Pencil./Poster Colour
August	Chapter-3 About- Mandala Design	Black Marker Pen
September	Chapter-4 About- Human Anatomy-Hand-Leg	HB Pencil and 4B and 6B Pencil.
Syllabus for Half Yearly Examination (September) Chapter-3-- Nature Study, Picture Composition		
October	Chapter-5 About- Portrait	HB Pencil and 4B and 6B Pencil.
November	Chapter-6 About- Animal face Drawing	HB Pencil and 4B and 6B Pencil.
December	Chapter-7 About- Still life and 3-D Drawing	Water colour box/4B and 6B Pencil.
January	Chapter-8 About- Landscape and Mehendi Design	Water colour box/4B and 6B Pencil. Black Marker Pen
February	Chapter-9 About- Poster Design, Fashion Design	Poster Colours, Round Brush, Colour plat, water bowl

SUBJECT: PERFORMING ARTS (MUSIC - VOCAL)

Month	Lessons/Chapters	Activities/Practical
April May June	Practical Activities 1. National Anthem 2. Alankar Sa, Sa re Sa, Sa re ga re sa..... Re sa, Ga re sa, Ma ga re sa.... Saregamapamagare,Regamapadhapamaga.... 3. Do re mi fa (Song) and basic intro of western music 4. Taal (Ektaal 12 beats) Theory 1. Knowledge of Sangeet, Nad, Swar, Shudh, Komal, Teevra, Saptak, Mandra, Madhya, Tar, Aroha, Avaroha, Raga, Laya, Matra, Taal, Avartan, Sam, Khali	<ul style="list-style-type: none"> ➤ Singing activities ➤ Listening activities ➤ Playing activities
July August September	1. Folk song Gujarati - Mann mor bani than gat kare 2. Folk Rajasthani -Kesariya balam(Padharo mahre des) 3. Patriotic song - Mann samarpit tan samarpit 4. Festival song- Jay Ganesh & Jaydev jaydev jay mangal murti	<ul style="list-style-type: none"> ➤ Singing activities ➤ Listening activities ➤ Playing activities ➤ Beats on hand
Project work : Great musicians & Instruments player photograph with their Instruments and write up (In scrap-book)		
October November December	<ul style="list-style-type: none"> ➤ Western music theory(Basic knowledge of notation systems & formation of scale & chords) ➤ Jingle "Let it be (Beatles)" ➤ Jingle "Silent Night" ➤ Understanding concepts of various instruments ex. Guitar, keyboard, Percussion, Harmonium & its classification 	<ul style="list-style-type: none"> ➤ Singing activities ➤ Listening activities ➤ Playing activities ➤ Reading activities
January February March	Introduction to the structure of 4 Ragas 1. Bilawal 2. Kafi 3. Yaman 4. Bhairav	<ul style="list-style-type: none"> ➤ Listening activities ➤ Playing activities ➤ Reading activities
Project work: Listen to music programme on Radio or T.V. and write short description of the performances (In Scrap book)		

SUBJECT: PERFORMING ARTS (Dance)

Month	Theory	Practical
April June		<ul style="list-style-type: none"> • Introduction to Dance • Warm Up – Zumba • Revision • Prayer Dance
July August September	Difference between Solo & Group Dance	<ul style="list-style-type: none"> • Patriotic (Independence Day) • Prop Dance • Salsa • Raas
Project Work: Why dance in all schools is included as an activity?		
October November December		<ul style="list-style-type: none"> • Women Empowerment Dance • Motivational Dance • Modern Experimental Dance
January February March	Knowledge of Tarana	<ul style="list-style-type: none"> • Folk (Terataali) • Performance of Tarana • Revision