DELHI PUBLIC SCHOOL, GANDHINAGAR SYLLABUS 2025-26 CLASS X

SUBJECT: English

	FIRST FLIGHT (Literature Reader)	FOOTPRINTS WITHOUT FEET (Supplementary Reader)	WRITING	Grammar (WORDS & EXPRESSIONS WORKBOOK PART-2)
MARCH	L1: A Letter to God P1: Dust of Snow (Poem) P2: Fire and Ice (Poem)		Letter to the Editor	Tenses W.B. Unit 1- Page No. (4-6)
APRIL	L2: Nelson Mandela: Long Walk to freedom P3: A Tiger in the Zoo (Poem)	L1: A Triumph of Surgery L2: The Thief's Story	Formal Letter (Situation Based)	Modals W.B. Unit2- Page No (23-25) W.B. Unit3- Page No. (38-41)
MAY	L3: Two Stories About Flying I. His First Flight II. Black Aeroplane	L3: The Midnight Visitor	Analytical Paragraph	Determiners W.B. Unit4-Page No (45-52)
JUNE	L4: From the Diary of Anne Frank	L4: A Question of Trust		Sub-Verb Concord W.B. Unit7 Page No. (91-93)
JULY	P4: How to tell Wild Animals (Poem)	L5: Footprints without Feet L6: The Making of a Scientist		Reported Speech W.B. Unit8. – Page No. (112-113)
AUGUST	P5: The Ball poem (Poem) P6: Amanda (Poem)	L:7 The Necklace L:8 Bholi		ASL W.B. Unit9- Page No (121-123) W.B. Unit10- Page No (142-145)
SEPTEMBER	L7: Glimpses of India -Baker from Goa -Coorg -Tea from Assam P7: The Trees (Poem)			W.B. Unit 11- Page No (157-159)

Syllabus for Half Yearly Examination (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,

Footprints without Feet, The Making of a Scientist

OCTOBER	L8: Mijbil the Otter L9: Madam Rides the Bus P8: Fog (Poem) P9: The Tale of Custard the Dragon(Poem)		Letter for Placing Order Letter of Complaint	
NOVEMBER	L10:The Sermon At Benares L11: The Proposal P10: For Anne Gregory (Poem)	L:9 The Book that Saved the Earth		
DECEMBER				ASL
	Syllabus for Pre-	Board: Entire syllab	us as per CBSE gu	ıidelines

SUBJECT: Hindi

MONTH	पाठ्यपुस्तक - स्पर्श	पूरक पुस्तक – संचयन	क्रियात्मक	व्याकरण
MARCH	1. बड़े भाई साहब		अपठित गद्यांश	मुहावरे
APRIL	2. कबीर की साखी 3. मीरा के पद 4. डायरी का एक पन्ना 5. मनुष्यता		अनुच्छेद लेखन ईमेल लेखन पत्र लेखन सूचना लेखन	पदबंध
MAY	6. ततांरा वामीरो कथा		विज्ञापन लेखन	वाक्य रूपांतरण
JUNE		पाठ 1 हरिहर काका		
JULY	7. तीसरी कसम के शिल्पकार : शैलेन्द्र 8. पर्वत प्रदेश में पावस		लघुकथा लेखन	समास व उसके भेद
AUGUST	9. अब कहाँ दूसरे के दुःख से दुखी होने वाले 10. तोप 11.पतझड़ में टूटी पत्तियाँ	2. सपनों के से दिन	विज्ञापन लेखन सूचना लेखन लघुकथा लेखन अपठित गद्यांश	कक्षा गतिविधि-1
SEPTEMBER	12. कर चले हम फ़िदा पुनरावर्तन कार्य और अर्द्ध —वार्षिक परीक्षा			समास का अभ्यास कार्य मुहावरे

Syllabus for Half Yearly Examination (September):

1. बड़े भाई साहब , 2. कबीर की साखी , 3. मीरा के पद , 4. डायरी का एक पन्ना , 5. मनुष्यता, 6 ततांरा वामीरो कथा, 7. तीसरी कसम के शिल्पकार : शैलेन्द्र, 8. पर्वत प्रदेश में पावस , 9. अब कहाँ दूसरे के दुःख से दुखी होने वाले, 10. तोप , 11.पतझड़ में टूटी पत्तियाँ | पाठ 1 पूरक पुस्तक — 1 हरिहर काका, 2. सपनों के से दिन व्याकरण - पदबंध, वाक्य रूपांतरण , समास व उसके भेद , मुहावरे |

क्रियात्मक कार्य - अपठित गद्यांश , अनुच्छेद लेखन , पत्र लेखन , विज्ञापन लेखन , सूचना लेखन , लघु कथा लेखन , ई मेल लेखन

OCTOBER	13. कारतूस 14. आत्मत्राण		अपठित गद्यांश अनुच्छेद लेखन पत्र लेखन विज्ञापन लेखन	मुहावरे
NOVEMBER		3. टोपी शुक्ला	कक्षा गतिविधि – श्रवण और वाचन	पदबंध वाक्य रूपांतरण
DECEMBER	प्री- बोर्ड परीक्षा हेतु उपरोक्त		समस्त क्रियात्मक	समस्त व्याकरण का
	समस्त पाठ्यक्रम का पुनरावर्तन करवाया जाएगा ।		का पुनरावर्तन	पुनरावर्तन

Syllabus for Pre-Board: Entire syllabus as per CBSE guidelines

SUBJECT: COMMUNICATIVE Sanskrit (119)

Month	Lessons/ Chapters	Activities/ Practicals
March	 → समयः – सामान्य(सपाद, सार्ध, पादोन) → अशुद्धिशोधनम् (वचन-लिङ्ग-पुरुष-लकार-विभक्तिदृष्ट्या) → वाच्यपरिवर्तनम् – केवलं लट् लकारे 	→ चित्रवर्णनम्
April	 → पाठः – १ वाङ्गमयं तपः → अव्ययपदानि (इव, उच्चैः,एव, नूनम्, इतस्ततः,विना, सहसा, वृथा, शनैः,इति,मा, यत्, सम्प्रति, इदानीम्, अधुना, यावत्तावत्, बिहः,कदापि, च, अपि, पुरा, अत्र-तत्र, यथा-तथा, कदा,अद्य, श्वः,परश्वः, ह्यः,, पर्ह्यः, किमर्थम्, कुत्र, यदितिर्हे, अतः, तु, अथ 	
Мау	 → स्वर-संधि –वृद्धि-यण्-अयादि-पूर्वरूपं → पत्रलेखनम् → कथापूर्ति:/संवादपूर्ति: 	
June	पाठः -२ नास्ति त्यागसमं सुखम् → प्रत्ययाः - तल्, त्व, टाप्, ङीप्	
July	पाठः – ३ रमणीया हि सृष्टिः एषा	
	पाठः – ४ आज्ञा गुरूणां हि अविचारणीया	
August	पाठः – ५ अभ्यासवशगं मनः पाठः – ६ राष्ट्रं संरक्ष्यमेव हि	अपठितगद्यांश
	 → प्रत्ययाः – मतुप्, ठक्, तव्यत्, अनीयर् → समासाः – विभिक्तितत्पुरुषः, नञ्, उपपदः, अव्ययीभाव(अनु, उप, सह, निर्, प्रति, यथा), द्वन्द्वः 	
September	पुनरावर्तनम्	
	Syllabus for Half Yearly Examination (September)
पाठः १, २, ३,	४, ५, समयः, प्रत्ययाः, अव्ययाः, स्वर-सन्धिः, समासः,वाच्य, अशुद्धिशोधनम्, अ चित्रवर्णनम्, कथापूर्तिः/संवादपूर्तिः	नपठितगद्यांश, पत्रलेखनम्,
October	पाठः – ७) साधुवृत्तिं समाचरेत्	
	पाठः – ८ तिरुक्कुरल्-सूक्ति-सौरभम् → विसर्गसन्धिः – विसर्गस्य उत्वम्, रत्वम्, विसर्गलोपः, विसर्गस्य स् / श् /	
	→ व्यञ्जनसन्धिः –वर्गीय १ → ३वर्ण, परसवर्ण(अनुस्वारस्थाने पञ्चमवर्णस्य प्रयोगः), तुगागमः	
November	पाठः – ९ सुस्वागतं भी। अरुणाचलेऽस्मिन् पुनरावर्तनम	
December	पुनरावर्तनम्	
January	पुनरावर्तनम्	

SUBJECT: Maths

MONTH	CHAPTERS	ACTIVITIES / PRACTICALS
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MARCH	Ch.1 Real Numbers Ch.2 Polynomials		
APRIL	Ch.2 Polynomials (Contd) Ch.3 Pair of Linear Equations In Two Variables 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.	
MAY	Ch.5 Arithmetic Progressions (Contd) Ch.8 Introduction to Trigonometry		
JUNE	Ch.8 Introduction to Trigonometry (Contd) Ch.9 Some Applications of Trigonometry		
JULY	Ch.9 Some Applications of Trigonometry (Contd) Ch. 6 Triangles	*To verify Pythagoras theorem by paper cutting and pasting. *To verify BPT by paper cutting and pasting.	
AUGUST	Ch.4 Quadratic Equations Ch.10 Circles		
SEPTEMBER	REVISION Ch.11 Areas related to circles	*To prove that the tangents drawn from an external point to a circle are equal in lengths by paper cutting and pasting. *To verify that the sum of areas of three sectors of the same radii 'r' formed at the vertices of any triangle is πr^2 using paper cutting and pasting.	
Syllabu	s for Half Yearly Examination	n (September): 1, 2, 3, 4, 5, 6, 8, 9 & 10	
OCTOBER	Ch.7 Coordinate Geometry Ch.14 Probability Ch.12 Surface Areas and Volumes	*To understand the concept of probability of throwing a pair of dice by drawing number cards.	
NOVEMBER	Ch.13 Statistics	* To get the formula for the volume of a right circular cone and hemisphere experimentally.	
DECEMBER	-	-	
JANUARY	-	-	
FEBRUARY	-	-	
	Syllabus for Annual Examination: All chapters		

SUBJECT: Science

Month	Lessons/ Chapters	Activities/ Practicals
March	PHYSICS Ch:9 Light-Reflection & Refraction CHEMISTRY Ch:1 Chemical Reactions and Equations BIOLOGY Ch:5 Life Processes	
April	Ch:9 Light-Reflection & Refraction CHEMISTRY Ch:1 Chemical Reactions and Equations BIOLOGY Ch:5 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. BIOLOGY 3. To prepare a temporary mount of a leaf peel to show stomata. 4. To show experimentally that CO ₂ is given out during respiration.
May	PHYSICS Ch: 9 Light-Reflection & Refraction CHEMISTRY Ch: 1 Chemical Reactions and Equations Ch: 2 Acids, Bases and Salts BIOLOGY Ch: 6 Control and coordination	CHEMISTRY 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 (HCI & NaOH) on the basis of their reaction with: a) Litmus solution (Blue/Red) b) Zinc metal c) Solid sodium carbonate.

June	PHYSICS Ch:10 Human Eye and the Colourful World CHEMISTRY Ch:2 Acids, Bases and Salts BIOLOGY Ch:6 Control and Coordination	PHYSICS 6. 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.
July	PHYSICS Ch:10 Human Eye and the Colourful World Ch:11 Electricity CHEMISTRY Ch:2 Acids, Bases & Salts BIOLOGY Ch:6 Control and Coordination Ch:7 How do Organisms Reproduce?	PHYSICS 7. To trace the path of the rays of light through a glass prism. CHEMISTRY 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. BIOLOGY 9. To study (a) binary fission in Amoeba, and (b) budding in yeast and Hydra with the help of prepared slides.
August	PHYSICS Ch:11 Electricity & Revision CHEMISTRY Ch:3 Metals & Non-Metals & Revision BIOLOGY Ch:7 How do Organisms Reproduce? Ch:8 Heredity	PHYSICS 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. BIOLOGY 11. To identify the different parts of an embryo of a dicot seed (Pea, gram or red kidney bean).
September	Revision	gram or rea maney bearing
	Syllabus for Half Yearly Exa 1 Chemical Reactions and Equations	mination
Ch: Ch: Ch: Ch: Ch: Ch:	2 Acids, Bases and Salts 3 Metals & Non-Metals 5 Life Processes 6 Control and Coordination 7 How Do Organisms Reproduce? 9 Light-Reflection & Refraction 10 Human Eye and the Colourful World 11 Electricity	

October	PHYSICS	PHYSICS
	Ch:11 Electricity	12. To determine the equivalent
	Ch:12 Magnetic Effects of Electric Current	resistance of two resistors when
	CHEMISTRY	connected in:
	Ch:3 Metals & Non-Metals (Cont.)	(a) series and
	Ch:4 Carbon & its Compounds	(b) parallel.
	BIOLOGY	<u>CHEMISTRY</u>
	Ch: 9 Heredity	13. To study the following properties
	Ch: 13 Our Environment	of acetic acid (ethanoic acid): i)
		odour ii) solubility in water iii) effect
		on litmus iv) reaction with Sodium
		Hydrogen Carbonate.
		14. To study the comparative
		cleaning capacity of a sample of
NI	DUVCTCC	soap in soft and hard water.
November		
	Ch:12 Magnetic Effects of Electric Current	
	CHEMISTRY	
	Ch:4 Carbon & its Compounds	
	BIOLOGY	
	Ch: 13 Our Environment	
December	<u>Revision</u>	
	Syllabus for Pre-Board: All	Chapters

SUBJECT: Social Science

MONTH	CHAPTERS	ACTIVITIES / PRACTICALS
MARCH	Geography: 1. Resource and Development. D.P: 1. Power Sharing.	Map work ■ Major soil Types
APRIL	D.P: 1. Power Sharing. Economics 1. Development Geography: 2. Forest and Wildlife Resources 3. Water Resources D.P: 2. Federalism	Map work ■ Major dams
MAY	History: 1. The Rise of Nationalism in Europe	
JUNE	Economics: 2. Sectors of Indian Economy	
JULY	Economics: 2. Sectors of Indian Economy History: 2. Nationalism in India Geography:	 Map-Work: Indian National Congress Sessions. Important Centres of Indian National Movement. Major Crops

	4. Agriculture	
AUGUST	D.P: 3. Gender, Religion, Caste Economics: 3. Money and Credit History: 3. Making of Global World D.P: 4. Political Parties	
SEPTEMBER	Economics: 4. Globalization and the Indian Economy Geography: 5. Minerals and Energy Resources	Map work:
	•	xamination (September): ,4 D.P:1,2,3,4 Economics:1,2,3
OCTOBER	Geography: 5. Minerals and Energy Resources History: 4. The Age of Industrialization Geography: 6. Manufacturing Industries	Map work:
NOVEMBER	Geography: 7. Lifelines of National Economy (only map) D.P: 5. Outcomes of Democracy History: 5. Print Culture and the Modern World	Map work: • Major sea ports • International Airports

History:1,2,3,5 Geography:1,2,3,4,5,6,7 D.P:1,2,3,4,5 Economics:1,2,3,4

SUBJECT: Artificial Intelligence

Month	Lessons/ Chapters	Activities/Practical
March	PART A: 1: Communication Skills-II PART B:	Activity: My Goodness https://www.my-goodness.net/
	2: Basics of AI	
April		Activity: Supervised Learning https://teachablemachine.withgoogle.com/ Unsupervised Learning

	2. D:	
	2: Basics of	(https://experiments.withgoogle.com/ai/drum-machine/vie
	AI(Contd)	<u>w/)</u>
	3: AI Project Cycle	Project/Portfolio:
	4: Advanced	1. CBQ on Bio-ethics
	Python	Practical File:
	,	Program No. 1 to 4
May	PART A:	Project/Portfolio
Мау		
	3: ICT Skills-II	2. 4Ws Canvas Problem
	PART B:	Practical File:
	3: AI Project	Program No. 5 and 6
	Cycle(Contd)	
	4: Advanced	
	Python(Contd)	
June	PART A:	Project/Portfolio:
Julie		
	4: Entrepreneurial	3. Identify the type of machine learning algorithms
	Skills-II	Practical File:
	PART B:	Program No. 7, 8, and 9
	3: AI Project	
	Cycle(Contd)	
	4: Advanced	
	Python(Contd)	
Tests.	PART A:	Project/Portfolio:
July		
	5: Green Skills-II	6. Calculation of Evaluation Metrics based on case-based
	PART B:	scenario
	4: Advanced	Practical File:
	Python(Contd)	Program No. 10 and 11
	8: Evaluation	
August	PART A:	
ragast	5: Green Skills-II	Project/Portfolio:
	(Contd)	4. Convolution Operator using the tool
	(Contd) PART B:	4. Convolution Operator using the tool https://setosa.io/ev/image-kernels/
	(Contd) PART B: 6: Computer	 4. Convolution Operator using the tool https://setosa.io/ev/image-kernels/ 5. Calculation of TF and IDF for the given corpus
	(Contd) PART B:	4. Convolution Operator using the tool https://setosa.io/ev/image-kernels/
	(Contd) PART B: 6: Computer	 4. Convolution Operator using the tool https://setosa.io/ev/image-kernels/ 5. Calculation of TF and IDF for the given corpus
September	(Contd) PART B: 6: Computer	 4. Convolution Operator using the tool https://setosa.io/ev/image-kernels/ 5. Calculation of TF and IDF for the given corpus Practical File:
-	(Contd) PART B: 6: Computer Vision Revision Syllabus for	4. Convolution Operator using the tool https://setosa.io/ev/image-kernels/ 5. Calculation of TF and IDF for the given corpus Practical File: Program No. 12, 13 or Half Yearly (September)
-	(Contd) PART B: 6: Computer Vision Revision Syllabus for	4. Convolution Operator using the tool https://setosa.io/ev/image-kernels/ 5. Calculation of TF and IDF for the given corpus Practical File: Program No. 12, 13
-	(Contd) PART B: 6: Computer Vision Revision Syllabus for Part A (Unit 1, 2, 3)	4. Convolution Operator using the tool https://setosa.io/ev/image-kernels/ 5. Calculation of TF and IDF for the given corpus Practical File: Program No. 12, 13 Or Half Yearly (September) 3, 4, 5) and Part B (Unit 2, 3, 6, 8)
-	(Contd) PART B: 6: Computer Vision Revision Syllabus for Part A (Unit 1, 2, 3) PART B:	4. Convolution Operator using the tool https://setosa.io/ev/image-kernels/ 5. Calculation of TF and IDF for the given corpus Practical File: Program No. 12, 13 or Half Yearly (September) 3, 4, 5) and Part B (Unit 2, 3, 6, 8) Project/Portfolio:
-	(Contd) PART B: 6: Computer Vision Revision Syllabus for Part A (Unit 1, 2, 3) PART B: Unit 7: Natural	4. Convolution Operator using the tool https://setosa.io/ev/image-kernels/ 5. Calculation of TF and IDF for the given corpus Practical File: Program No. 12, 13 or Half Yearly (September) 3, 4, 5) and Part B (Unit 2, 3, 6, 8) Project/Portfolio: 6. Calculation of Evaluation Metrics based on case-based
-	(Contd) PART B: 6: Computer Vision Revision Syllabus for Part A (Unit 1, 2, 3) PART B: Unit 7: Natural Language	4. Convolution Operator using the tool https://setosa.io/ev/image-kernels/ 5. Calculation of TF and IDF for the given corpus Practical File: Program No. 12, 13 Or Half Yearly (September) 3, 4, 5) and Part B (Unit 2, 3, 6, 8) Project/Portfolio: 6. Calculation of Evaluation Metrics based on case-based scenario
-	(Contd) PART B: 6: Computer Vision Revision Syllabus for Part A (Unit 1, 2, 3) PART B: Unit 7: Natural	4. Convolution Operator using the tool https://setosa.io/ev/image-kernels/ 5. Calculation of TF and IDF for the given corpus Practical File: Program No. 12, 13 or Half Yearly (September) 3, 4, 5) and Part B (Unit 2, 3, 6, 8) Project/Portfolio: 6. Calculation of Evaluation Metrics based on case-based scenario Practical File:
September/October	(Contd) PART B: 6: Computer Vision Revision Syllabus for Part A (Unit 1, 2, 3) PART B: Unit 7: Natural Language Processing	4. Convolution Operator using the tool https://setosa.io/ev/image-kernels/ 5. Calculation of TF and IDF for the given corpus Practical File: Program No. 12, 13 Or Half Yearly (September) 3, 4, 5) and Part B (Unit 2, 3, 6, 8) Project/Portfolio: 6. Calculation of Evaluation Metrics based on case-based scenario Practical File: Program No. 14, 15
-	(Contd) PART B: 6: Computer Vision Revision Syllabus for Part A (Unit 1, 2, 3) PART B: Unit 7: Natural Language Processing PART B:	4. Convolution Operator using the tool https://setosa.io/ev/image-kernels/ 5. Calculation of TF and IDF for the given corpus Practical File: Program No. 12, 13 Or Half Yearly (September) 3, 4, 5) and Part B (Unit 2, 3, 6, 8) Project/Portfolio: 6. Calculation of Evaluation Metrics based on case-based scenario Practical File: Program No. 14, 15 Activity(Optional):
September/October	(Contd) PART B: 6: Computer Vision Revision Syllabus for Part A (Unit 1, 2, 3) PART B: Unit 7: Natural Language Processing	4. Convolution Operator using the tool https://setosa.io/ev/image-kernels/ 5. Calculation of TF and IDF for the given corpus Practical File: Program No. 12, 13 Or Half Yearly (September) 3, 4, 5) and Part B (Unit 2, 3, 6, 8) Project/Portfolio: 6. Calculation of Evaluation Metrics based on case-based scenario Practical File: Program No. 14, 15
September/October	(Contd) PART B: 6: Computer Vision Revision Syllabus for Part A (Unit 1, 2, 3) PART B: Unit 7: Natural Language Processing PART B:	4. Convolution Operator using the tool https://setosa.io/ev/image-kernels/ 5. Calculation of TF and IDF for the given corpus Practical File: Program No. 12, 13 Or Half Yearly (September) 3, 4, 5) and Part B (Unit 2, 3, 6, 8) Project/Portfolio: 6. Calculation of Evaluation Metrics based on case-based scenario Practical File: Program No. 14, 15 Activity(Optional):
September/October	(Contd) PART B: 6: Computer Vision Revision Syllabus for Part A (Unit 1, 2, 3) PART B: Unit 7: Natural Language Processing PART B: NEW: Statistical	4. Convolution Operator using the tool https://setosa.io/ev/image-kernels/ 5. Calculation of TF and IDF for the given corpus Practical File: Program No. 12, 13 Pr Half Yearly (September) 3, 4, 5) and Part B (Unit 2, 3, 6, 8) Project/Portfolio: 6. Calculation of Evaluation Metrics based on case-based scenario Practical File: Program No. 14, 15 Activity(Optional): Case study using Orange data mining (Palmer Penguins). Link:
September/October	(Contd) PART B: 6: Computer Vision Revision Syllabus for Part A (Unit 1, 2, 3) PART B: Unit 7: Natural Language Processing PART B: NEW: Statistical	4. Convolution Operator using the tool https://setosa.io/ev/image-kernels/ 5. Calculation of TF and IDF for the given corpus Practical File: Program No. 12, 13 Project/Portfolio: 6. Calculation of Evaluation Metrics based on case-based scenario Practical File: Program No. 14, 15 Activity(Optional): Case study using Orange data mining (Palmer Penguins). Link: https://drive.google.com/drive/u/0/folders/1fmcRVb-
September/October	(Contd) PART B: 6: Computer Vision Revision Syllabus for Part A (Unit 1, 2, 3) PART B: Unit 7: Natural Language Processing PART B: NEW: Statistical Data	4. Convolution Operator using the tool https://setosa.io/ev/image-kernels/ 5. Calculation of TF and IDF for the given corpus Practical File: Program No. 12, 13 Pr Half Yearly (September) 3, 4, 5) and Part B (Unit 2, 3, 6, 8) Project/Portfolio: 6. Calculation of Evaluation Metrics based on case-based scenario Practical File: Program No. 14, 15 Activity(Optional): Case study using Orange data mining (Palmer Penguins). Link:
September/October	(Contd) PART B: 6: Computer Vision Revision Syllabus for Part A (Unit 1, 2, 3) PART B: Unit 7: Natural Language Processing PART B: NEW: Statistical Data Syllabus for Sy	4. Convolution Operator using the tool https://setosa.io/ev/image-kernels/ 5. Calculation of TF and IDF for the given corpus Practical File: Program No. 12, 13 Project/Portfolio: 6. Calculation of Evaluation Metrics based on case-based scenario Practical File: Program No. 14, 15 Activity(Optional): Case study using Orange data mining (Palmer Penguins). Link: https://drive.google.com/drive/u/0/folders/1fmcRVb-ilTyUhmUv4DWT1BFsaCoQ2BmF
September/October	(Contd) PART B: 6: Computer Vision Revision Syllabus for Part A (Unit 1, 2, 3) PART B: Unit 7: Natural Language Processing PART B: NEW: Statistical Data Syllabus for Sy	4. Convolution Operator using the tool https://setosa.io/ev/image-kernels/ 5. Calculation of TF and IDF for the given corpus Practical File: Program No. 12, 13 Or Half Yearly (September) 3, 4, 5) and Part B (Unit 2, 3, 6, 8) Project/Portfolio: 6. Calculation of Evaluation Metrics based on case-based scenario Practical File: Program No. 14, 15 Activity(Optional): Case study using Orange data mining (Palmer Penguins). Link: https://drive.google.com/drive/u/0/folders/1fmcRVb-ilTyUhmUv4DWT1BFsaCoQ2BmF or Pre-Board I (November)
September/October November	(Contd) PART B: 6: Computer Vision Revision Syllabus for Part A (Unit 1, 2, 3) PART B: Unit 7: Natural Language Processing PART B: NEW: Statistical Data Syllabus for Entire syllabus	4. Convolution Operator using the tool https://setosa.io/ev/image-kernels/ 5. Calculation of TF and IDF for the given corpus Practical File: Program No. 12, 13 Or Half Yearly (September) 3, 4, 5) and Part B (Unit 2, 3, 6, 8) Project/Portfolio: 6. Calculation of Evaluation Metrics based on case-based scenario Practical File: Program No. 14, 15 Activity(Optional): Case study using Orange data mining (Palmer Penguins). Link: https://drive.google.com/drive/u/0/folders/1fmcRVb-ilTyUhmUv4DWT1BFsaCoQ2BmF or Pre-Board I (November)
September/October November	(Contd) PART B: 6: Computer Vision Revision Syllabus for Part A (Unit 1, 2, 3) PART B: Unit 7: Natural Language Processing PART B: NEW: Statistical Data Syllabus for Entire syllate Revision Final Practical	4. Convolution Operator using the tool https://setosa.io/ev/image-kernels/ 5. Calculation of TF and IDF for the given corpus Practical File: Program No. 12, 13 Or Half Yearly (September) 3, 4, 5) and Part B (Unit 2, 3, 6, 8) Project/Portfolio: 6. Calculation of Evaluation Metrics based on case-based scenario Practical File: Program No. 14, 15 Activity(Optional): Case study using Orange data mining (Palmer Penguins). Link: https://drive.google.com/drive/u/0/folders/1fmcRVb-ilTyUhmUv4DWT1BFsaCoQ2BmF or Pre-Board I (November)
September/October November December	(Contd) PART B: 6: Computer Vision Revision Syllabus for Part A (Unit 1, 2, 3) PART B: Unit 7: Natural Language Processing PART B: NEW: Statistical Data Syllabus for Entire syllate Revision Final Practical Examination	4. Convolution Operator using the tool https://setosa.io/ev/image-kernels/ 5. Calculation of TF and IDF for the given corpus Practical File: Program No. 12, 13 Or Half Yearly (September) 3, 4, 5) and Part B (Unit 2, 3, 6, 8) Project/Portfolio: 6. Calculation of Evaluation Metrics based on case-based scenario Practical File: Program No. 14, 15 Activity(Optional): Case study using Orange data mining (Palmer Penguins). Link: https://drive.google.com/drive/u/0/folders/1fmcRVb-ilTyUhmUv4DWT1BFsaCoQ2BmF or Pre-Board I (November)
September/October November	(Contd) PART B: 6: Computer Vision Revision Syllabus for Part A (Unit 1, 2, 3) PART B: Unit 7: Natural Language Processing PART B: NEW: Statistical Data Syllabus for Entire syllate Revision Final Practical	4. Convolution Operator using the tool https://setosa.io/ev/image-kernels/ 5. Calculation of TF and IDF for the given corpus Practical File: Program No. 12, 13 Or Half Yearly (September) 3, 4, 5) and Part B (Unit 2, 3, 6, 8) Project/Portfolio: 6. Calculation of Evaluation Metrics based on case-based scenario Practical File: Program No. 14, 15 Activity(Optional): Case study using Orange data mining (Palmer Penguins). Link: https://drive.google.com/drive/u/0/folders/1fmcRVb-ilTyUhmUv4DWT1BFsaCoQ2BmF or Pre-Board I (November)

February	Revision-Question
	Bank

Note:-Chapter numbers are mentioned here are as per the textbook not as per NCERT book.

SUBJECT: Painting

Month	Details of Painting	Required materials
April May	1- Theme: Poster making Topic: Awareness Poster (Save the girl child/save earth/save water) (To learn making different types of posters for raising social awareness with the help of Poster colours on an A3 size drawing sheet or Chart paper.)	Chart paper, poster colours, paint brush, colour palette, water bowl
June	2- Theme: Still life painting Topic: Fruits, Vegetables (To learn mixing of colours and making different colour shades using specific colour combinations through tint and shade with the help of poster colours, water colours, Graphite or Charcoal Pencil.)	Graphite, Charcoal Pencils, water colours poster colours, A2 size drawing sheet
July	5- Theme: Spray painting Topic: Nature Based Composition (To make a painting or drawing using a form of nature-based composition with the help of spray techniques.)	Spray, MDF Board-Round, square, rectangle
August	4- Theme: Half tone painting Topic: Landscape (To make a halfway colour pattern between the darks and the lights on canvas or paper with the help of a poster or acrylic colours.)	Acrylic or poster Colours, colour palette, water bowl
October	6- Theme: Mandala painting Topic: Different types of Designs (To learn all about finding peace in the symmetry of the design and of the universe through the geometric configuration of symbols.)	MDF Board size-Acrylic black colour -3d liner
November	7- Theme: Abstract paintings Topic: Imaginary Abstract Composition (Learning to present an art form with an intangible & emotional touch using acrylic colours on canvas or paper.)	Acrylic colours-canvas or A2 Size paper
December	8- Theme: 3-D painting Topic: Different types of Three-dimensional art (To make 3-D paintings or drawing Using a graphite, charcoal pencil and colour pencils. depicting all the dimensions (height, width, and depth.)	Graphite, Charcoal Pencils, water colours poster colours, A2 size drawing sheet

SUBJECT: Craft

Month	Lessons/ Chapters	Activities/Practicals

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APRIL	Topic: Miniature Art on Paper cup	Nowananara austranara asiasara
MAY	Learning about a Royal artform called Miniature Art and practicing it on the base	Newspapers, craft papers, scissors, fevicol, double sided tape, threads, acrylic colours, brushes, marker, bowl and Modge
JUNE	prepared by the technique of papier Mache.	podge, paper cup.
JULY	Topic: Calligraphy	Cardboard/Canvas Board(12x6), Fevicryl
	Learning to create decorative Name Plates by using Calligraphic strokes of Devnagari and Roman Alphabet (Scripts).	Mould it clay, Talcum Powder, craft papers, scissors, Acrylic colours, Fevicol, brushes, threads/ribbons, tape and other decorative materials needed.
AUGUST	Topic: Madhubani Art	
	Learning to practice a traditional art form known as Madhubani on T-shirt or any other suitable clothes.	White T-shirt/Shirt, acrylic/fabric colours, brushes, Palette
SEPTEMBER	-	-
OCTOBER	Topic : Pop Art	
	Learning to do a very attractive and eye catchy art form. By using colours in such a way that it expresses moods and atmosphere.	Cardboard base, newspapers, craft papers, scissors, Fevicol, markers (Fluorescent shades and black), acrylic colours and brushes.
NOVEMBER	Topic : Mobile cover Painting	
	Learning to paint and decorate mobile covers. Creating artwork by customising designs and patterns according to choice.	Mobile cover, acrylic Colours, brushes, 3D outliners and Modge Podge.
DECEMBER	Topic: Folk Art	Canvas Board (30x30), Fevicryl Mould it
	Learning to do decorative collage works or Mosaic Art on a large scale (in groups) which depicts our culture and traditions.	clay, Talcum Powder, Fevicol, scissors, card papers, craft papers, double sided tape, masking tape, decorative materials like stones, pearls, mirrors, etc needed.
JANUARY	Topic : Key Chain Holders	MDF Board (12x6.5 inc), Fevicryl Mould it
	To make innovative key chain holders by using creative and unique ideas.	clay, Talcum powder, fevicol, scissors, 3D Outliner, acrylic colours, brushes, Modge Podge, hooks for hanging and other decorative materials needed.
FEBRUARY	-	-
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SUBJECT: Performing Arts(Music-Vocal)

Month	Lessons/ Chapters	Activities/Practicals
APRIL	Alankar	7 Aarohi Avarohi paltas with taal (taali, khali)
MAY JUNE	Theoretical explanation of musical terminologies. Raag – Bhupali, Durga	Basic knowledge and understanding of Sangeet, Vadi, Samvadi, Jaati, Laya, Aaroh, Avaroh. To Sing Aaroh Avaroh and Pakkad with Swarmalika. Prayer, Bhajan, Dadra.
JULY	Songs on patriotism, National anthem/National song. Raag – Sarang Semi Classical composition	'Bhati me bharatam' 'Bharat maa ki santaney' 'Man samarpit tan samarpit' basic composition, intro, aalaap, sargam and coda. Learning the national anthem and national song from memory with proper pronunciation and pitching. Aaroh avaroh Pakkad and Swarmalika of Sarang.
AUGUST	Raag – Kafi	Raag Parichaya with Aaroh Avaroh Pakkad and Swarmalika.
SEPTEMBER	Folk/Sugam genre composition	To sing Madhyalaya Bandish in Taal Tritaal. Kanji kya rami aavya, Paras pipla na padhar, Jay jay garvi Gujarat
OCTOBER	Taal - Dadra, Tritaal Raag – Desh Tarana	Taal Parichaya with Khand, Taali, Khali and Bol. To sing Aaroh Avaroh Pakkad and Swarmalika with Bandish. Drut Laya Tarana of raag Bageshri
NOVEMBER DECEMBER	Revision/Practical exam	To Sing Raag Bhupali, Durga, Sarang, Kafi with Swarmalika and Bandish with Aalap-taan.
JANUARY FEBRUARY	Taal – Rupak, Jhaptaal Raag - Khamaj	Taal Parichaya with Khand, Taali, Khali and Bol. To sing Aaroh Avaroh Pakkad and Swarmalika.

SUBJECT: Performing Arts(Western Music)

Month	Lessons/ Chapters	Activities/Practicals
APRIL	1. Rhythmic: Understanding Time signature 4/4 by breaking it into different rhythm	 Playing on Congo and Cajon the basic rhythm formats in 4/4 time.
MAY	patterns 2. Melodic: learning C major scale with all natural notes and making different melodic	 Being able to play C major scale and create melodic phrases and

JUNE	 phrases and chunks using sequencing in the major scale. 3. Transcription/Theory: Basic introduction to western staff notation. (Written music) Treble clef, time signature, key signature etc. 	 Basic strumming pattern and nut chord changes in Guitar English song "Demons"/" Fix you". A basic jingle in C major scale (Both Guitar & Piano) "Twinkle- Twinkle"/ "Happy Birthday"
JULY	 Rhythmic: Revision of the 4/4-time signature and its variations. Melodic: Revision of C major scale and clearing doubts in making phrases using 	 Display by the students on Congo or Cajon the basic rhythm formats in 4/4 time. Practical demonstration by students the Scale C major and making of
	 sequencing. Knowledge about the Chord family of major scale. 3. Transcription/Theory: Revision of the basics of staff notation and understanding rests, ties in western staff notation. (Written music) 	 Phrase using Sequencing. Revision of Arpeggio playing in Piano and guitar chord strumming. A Simple and nice melody by Mozart or Beethoven
AUGUST	 Rhythmic: Understanding Time signature 3/4 by breaking it into different rhythm patterns. Melodic: Learning G major scale and making different melodic phrases, chunks and sequences using major scale. Transcription/Theory: Knowledge about the Chord family of Major scale & Learning to write & comprehend chord chart for songs. 	 Playing on Congo and Cajon the rhythm formats in 3/4 time. Being able to play G major scale and create melodic phrases and sequences from that. Basic chords like E min, A min, C, G and D to be played in a rhythm & chord progression. Learn to play together in a simple symphonic arrangement by forming groups/Bands together.
SEPTEMBER	REVISION	REVISION
OCTOBER	 Rhythmic: Understanding Complex rhythmic patterns in 4/4-time signature Melodic: learning A minor scale and making different melodic phrases, chunks and sequences using major scale. Transcription/Theory: Understanding scale theory, Diatonic scales and circle of fifths 	 Playing on Congo and Cajon the complex rhythm formats in 4/4 time. Band (group)performance of different groups in class
NOVEMBER	 Rhythmic: Learning commercial strumming/rhythm pattern suitable for Bollywood songs Melodic: Learning Motivational/inspirational song "Kandhey pe suraj" Transcription/Theory: Knowledge about the Chord family, phrasing of songs covered. 	 Playing on Congo and Cajon the rhythm formats suitable for Bollywood songs. Being able to play/sing bollywood song "Kandhey pe suraj"/ "Aashaayein" /"Bandeya" Listen to the prescribed song and try to understand its beat, tempo and phrasing, clarity & pronunciation
	1. Rhythmic: Revision of commercial	 Practice on Congo and Cajon the

	 Melodic: Learning Christmas Carol Transcription/Theory: Knowledge about the Chord family, phrasing of songs covered. 	 Being able to play/sing Christmas carol. Joy to world/Silent night. Listen to the prescribed song and try to understand its beat, tempo and phrasing, clarity & pronunciation
JANUARY	 Rhythmic: Revision of commercial strumming/rhythm pattern Melodic: Learning motivational/inspirational song "Aashaayein" Transcription/Theory: Knowledge about the Chord family, phrasing of songs covered. 	 Playing on Congo and Cajon the rhythm formats of song Being able to play/sing bollywood song "Aashaayein"/"Bandeya". Listen to the prescribed song and try to understand its beat, tempo and phrasing, clarity & pronunciation.
FEBRUARY		

SUBJECT: Performing Arts(Music - Indian Instrumental)

Month	Lessons/ Chapters	Activities/Practicals
APRIL MAY	Introduction of Laya. Importance of Laya in music.	Recitation of Laya with the help of a metronome.
JUNE	2. Types of Laya. Vilambit Laya Madhya Laya Drut Laya.	Demonstration of Laya using claps and drumsticks.
JULY	 What is Taal? Terminology and construction theory of Taal. Introducing different basic Bol(Varna)of Tabla and pakhawaj. Naa, Taa, Tin, Ka, Kata, Dha, Dhin, tite, tirkit etc. 	 Being able to recite and play basic Bol(Varna) on Tabla. Some creation of basic Bol(Varna) on Tabla congo and Dholak in 4/4 rhythm pattern.
AUGUST	 Theory: Learn to write and decode the pattern of Taal from Bhatkhande Taal lipi. Taal Keherwa: Full details of Taal in its written format and describing its components.(Taali, Khali, Sam, Khand, Jaati etc). 	 Taal Keherwa Playing and reciting taal Keherwa on Tabla Learn to play any Patriotic song on Congo and Tabla
SEPTEMBER		
NOVEMBER	1. Taal Dadra Full details of Taal in its written format and describing its components.(<i>Taali</i> , <i>Khali</i> , <i>Sam</i> , <i>Khand</i> , <i>Jaati etc</i>).	 Playing Taal Dadra on Tabla and Dholak. Some types of Taal Dadra.

	Learn basic hand movements on Dholak with its Bol(Varna).	
DECEMBER	 Knowledge about layakari Different types of layakari in Taal Dadra and keherwa. Transcription/Theory About types of Baaj(Bandh Baaj and khula Baaj) Live demonstration of Baaj on Tabla. 	 Playing 4/4 patterns on snare drum for March Past. Learn to play 4/4 beat with any song on Tabla Cajon and Congo.
JANUARY	 Transcription/Theory Introduction of various rhythm instruments Indian and western both. How to tune various Rhythmic Instruments. 	 Recitation of different Bol,Palta,Kayda and Stuti Paran in Teentaal. Different percussion instruments playing along with any light music/Commercial song. Applied theory-based Viva and Ear training exercises.
FEBRUARY	Taal Rupak Full details of Taal in its written format and describing its components. (<i>Taali, Khali, Sam, Khand, Jaati etc</i>).	 Playing Rupak Taal on tabla Learn to accompany on tabla with classical and light music/vocal.

SUBJECT: Performing Arts(Dance)

Month	Topic	Style
April	Basic knowledge about dance and dance style	Exercise for muscles,
May	Basic steps with music	relaxation and stretching. Semi classical
June		
July	Understanding of rhythmic simple combinations of dance. Semi classical dance with music	Semi classical
August	Kathak tatkar, hand movement and chakkar with different laya	Classical dance
October	Dance of classical music	Classical dance
November	Difference between solo and group dance Folk dance steps	Folk dance
December	Folk dance with music	Folk dance
January	Similarities between western dance and classical dance	Classical dance and Western dance
February	Western dance with music	Western dance

SUBJECT: Performing Arts(Theatre)

Month	Lessons/ Chapters	Activities/ Practical
April	Voice & speech [theoretical aspect].	Actor's realization of Centre of
May	Set designing	Pronunciation & Vocal Energy Strongthoning of Vowel &
June	Chinese and Japanese theatre	Strengthening of Vowel & Consonant Sounds
		Set Model Making
July	Body movement & improvisation [theoretical aspect].	Analysis & Interpretation of Characters through movement
	Principles of stage play writing: screenplay and teleplay writing	Building life sketch of the
	Play analysis and script writing	Character through Movement & Improvisation.
August	Voice & speech [practical aspect]	Preparing long poems such as
	Theatre production and performance	soliloquies or monologues in different Rasas
	Character development	
October	Voice & speech [practical aspect]	Changing the mood and
	Modern schools of acting	rhythm of the poems as an exercise.
	Scene study and rehearsal	Poetry Recitation expressing it by using various elements of acting
November	Body movement [practical aspect]	Communicating various
	Play writer (Indian & western)	feelings and thoughts through body
December	Body movement [practical aspect]	Body Movement in Indian Classical & Folk Theatre.
January	Improvisation [practical aspect]	To prepare a complete life sketch of the character by work on role analysis through improvisation. Simple situations to be improvised through acting in individuals, pairs and groups to develop a play.
February	Improvisation [practical aspect]	Scene work- To prepare scenes through movements, Gestures, Voice patterns and

	speech for selected scenes for different plays.