

Nav Gian Deep Public School
Syllabus
Class- 10th
Session-2025-26

English

April-May First Flight : Ch- 1, A letter to God.
Ch- 2 Nelson Mandela.
Ch- 3 Two stories about flying.

Poem-1 : Dust of snow.

Poem-2 : Fire and Ice.

Footprints without feet :-
: Ch-1 A Triumph of surgery.
Ch-2 The Thief's story.

Grammar : Gap filling, Paragraph writing.

Activity : Listening activity.

July & August First Flight : Ch- 4 From the Diary of Anne frank.
Ch- 5 Glimpses of India.

Poem-3 : A Tiger in the zoo.

Poem-4 : How to tell wild Animals.

Poem-5 : The Ball Poem.

Footprints without feet :-
: Ch-3 The midnight visitor.
Ch-4 A question of Trust.
Ch-5 Footprints without feet

Grammar : Gap filling , Paragraph writing.

Activity : Speaking and listening activity.

September SA - 1

October & November First Flight : Ch- 6 Mijbil the otter.
Ch- 7 Madam rides the Bus.
Ch- 8 The sermon at Benaras

Poem-6 : Amanda
Poem-7 : The Trees.
Poem-8 : Fog.

Footprints without feet :-
: Ch-6 The Making of a scientist
Ch-7 The Necklace.

Grammar : Editing, Letter writing.

Activity : Speaking and Listening activity.

December First Flight : Ch- 9 The Proposal.

Poem- 9 : The Tale of custard the Dragon.
Poem-10 : For Anne Gregory.

Footprints without feet :-
: Ch-8 Bholi
Ch-9 The Book that
saved the earth.

Activity : Listening activity.

PERIODIC TEST SYLLABUS :-

PT - 1 First Flight : Ch- 3 Two stories about flying.
(Part- I)
Poem : Ch- 1 Dust of snow.

Footprints without feet : Ch- 1 A Triumph of
surgery.

Grammar : Gap filling, paragraph writing.

PT - 2 First Flight : Ch- 3 Two stories about flying.
(Part- II)
Poem : Ch- 2 Fire and Ice
Footprints without feet : Ch- 2 The thief's story
Grammar : Gap filling, paragraph writing.

PT - 3 First Flight : Ch- 6 Mijbil the otter.
Poem : Ch- 6 Amanda
Footprints without feet : Ch- 6 The making of a
scientist.
Grammar : Editing , Letter writing.

PT - 4 First Flight : Ch- 7 Madam rides the bus
Poem : Ch- 7 The trees.
Footprints without feet : Ch- 7 The necklace.
Grammar : Editing , Letter writing.

Maths

April-May Ch- 1 Real Number
Ch- 2 Polynomials.
Ch- 3 Pair of Linear Equations in two variables
Ch- 4 Quadratic Equations.
Ch- 5 Arithmetic Progressions.

Activity : Activity 2 : To draw the graph of a Quadratic Polynomial.

Activity 3 : Verify consistency / Inconsistency for a pair of linear Equations in two variables.

Activity 5 : To Identify Arithmetic Progressions

Activity 6 : To find the sum of first n natural numbers.

Activity 9 : To find sum of n terms of A.P.

**July &
August**

Ch-7 Coordinate Geometry.

Ch-8 Introduction to Trigonometry.

Ch-9 Some Applications of Trigonometry.

Ch-13 Statistics.

Ch-14 Probability.

Activity :- Activity 10 : To verify the distance formula by graphical method.

Activity 11 : To verify the section formula by graphical method.

Activity 31 : To determine experimental Probability of throwing a die.

Activity 32 : To determine experimental Probability of tossing a coin.

September SA - 1 : Ch- 1, 2, 3, 4, 5, 7, 8, 9, 13, 14

October Ch-6 Triangles

& Ch-10 Circles

November Ch-11 Area Related to circle.

Ch-12 Surface Areas and Volumes.

Activity :- Activity 13 : To establish criteria for similarity of triangle.

Activity 16 : To verify B.P.T Theorem.

Activity 22 : To Verify radius is perpendicular to tangent at pair of contact.

Activity 24 : To verify tangents are equal from same exterior point.

December Pre- Board Exam (Full Syllabus)

PT - 1 Ch- 2 Polynomials.
Ch- 3 Pair of Linear Equations in two variables
Ch- 4 Quadratic Equations.

PT - 2 Ch-7 Coordinate Geometry.
Ch-8 Introduction to Trigonometry.

PT - 3 Ch-13 Statistics.
Ch-10 Circles
Ch-11 Area Related to circle.

Project work 1) Arithmetic Progressions.
2) Triangles
3) Coordinate Geometry.
4) Probability.

Science

April-May Chemistry : Ch- 1 Chemical Reactions and Equations.

Biology : Ch- 5 Life processes.
Ch-14 Our Environment.

Physics : Ch-11 Electricity.

July & August Chemistry : Ch-2 Acids, Bases and Salts.
Ch-3 Metals and Non-Metals.

Biology : Ch-6 Control and Coordination.
Ch-8 Heredity and Evolution?

Physics : Ch-12 Magnetic Effects of Electric Current.

October Chemistry : Ch-4 Carbon and its compounds.
&

November Biology : Ch-7 How do Organisms
Reproduce?

Physics : Ch-9 Light-Reflection and
Refraction.

: Ch-10 Human Eye and colourful
world.

Term - I

PT - I Ch- 1 Chemical Reactions and Equations.
Ch- 5 Life process.
Ch-11 Electricity.

PT - 2 Ch- 2 Acids , Bases and salts.
Ch-6 Control and Coordination.
Ch-12 Magnetic Effects of Electric current.

SA-1 Examination : Ch- 1, 2, 3, 5, 6, 11,12, 14

PT - 3 Ch-4 Carbon and Its compounds.
Ch-7 How do Organisms Reproduce?

Preboard Examination :-

Preboard Examination will be based on the entire syllabus as per CBSE guidelines.

List of Experiments :-

Practicals will be conducted alongside the concepts taught in theory classes.

1. a) Finding the PH of the following samples by using PH paper universal indicator.

- i) Dilute Hydrochloric acid.
- ii) Dilute Na OH solution.

- iii) Dilute Ethanoic Acid solution.
- iv) Lemon Juice.
- v) Water.
- vi) Dilute Hydrogen carbonate solution.

B) Studying the properties of acids and bases (HCl & Na OH) on the basis of their reaction with

- a) Litmus solution (Blue / Red).
- b) Zinc Metal.
- c) Solid sodium carbonate.

2. Performing and observing the following reactions and classifying them into.

- A) Combinations reaction.
- B) Decomposition Reaction.
- C) Displacement Reaction.
- D) Double Displacement Reaction.

- i) Action of water on quicklime.
- ii) Action of heat on ferrous sulphate crystals.
- iii) Iron nails kept in copper sulphate solution.
- iv) Reaction between sodium sulphate and barium chloride solution.

3. Observing 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) $\text{Al}_2(\text{SO}_4)_3$ (aq)

Arranging Zn, Fe, Cu and Al (Metals) in the decreasing order of reaction based on the above result.

4. Studying the dependence of potential difference (V) across the resistor on the current (I) passing through it and determine its resistance. Also plotting a graph between V and I .
5. Determination of the equivalent resistance of two resistor when connected in series and parallel.
6. Preparing a temporary mount of a leaf peel to show stomata.
7. Experimentally show that carbon dioxide is given out during respiration.
8. Study of the following properties of acetic acid (ethanoic acid) :-
 - i) Odour
 - ii) Solubility in water.
 - iii) Effect on litmus.
 - iv) Reaction with sodium hydrogen carbonate.
9. Study of the comparative cleaning capacity of a sample of soap in soft and hard water.
10. Determination of the focal length of :
 - i) Concave mirror.
 - ii) Convex mirror.
by obtaining the image of a distant object.
11. Tracing 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.
12. Studying (a) binary fission in Amoeba, and (b) budding in yeast and hydra with the help of prepared slides.

13. Tracing the path of the rays of light through a glass prism.
14. Identification of the different parts of an embryo of a dicot seed (Pea, gram or red kidney bean).

Social science

April - May History : Ch- 1 The rise of Nationalism in India.
Ch- 2 Nationalism in India.

Geography : Ch-1 Resource and Development
Ch-2 Forest and Wildlife.

Civics Democratic Polities- II (Political science) : Ch-1 Power sharing
Ch-2 Federalism.

Economics : Ch-1 Development.
Ch-2 Sectors of the Indian Economy.

July & August History : Ch-3 The making of a Global world.

Geography : Ch-3 Water Resources.
Ch-4 Agriculture.
Ch-5 Mineral and Energy Resources.

Political science : Ch-3 Gender, Religion and Carte.
Ch-4 Political Parties.

Economics : Ch-3 Money and credit.

September Revision + SA - 1 Exam.

**October
&
November**

History : Ch-4 The age of Industrialization.
Ch- 5 Point culture and the Modern world.

Geography : Ch-6 Manufacturing industries.
Ch-7 Lifelines of National Economy.

Political science : Ch-5 Outcomes of Democracy.

Economics : Ch-4 Globalization and the India Economy.
Ch-5 Consumer rights : To be used for Project work.

Project work

Consumer Awareness
or
Social issues
or
Sustainable Revelopment

List of Map Items :

History : Ch-1 Nationalism in Europe (Map)
Ch-2 Nationalism in India.

1. India National congress session of Calcutta, Bengal and Bombay.
2. Important centres of Indian National Movement.
 - a) Champaran (Bihar)
 - b) Kheda (Gujarat)
 - c) Ahmedabad (Gujarat)
 - d) Jallianwala Bagh Incident (Amritsar , Punjab)
 - e) Chauri chaura (UP)
 - f) Dandi (Gujarat)

Geography : Outline political map of India.

Ch-1 Major soil types

Ch-3 (locating and labeling).

- | | |
|--------------|----------------------|
| a) salal | b) Bhaksa Nangal |
| c) Tehsi Dam | d) Rana Pratap Sagar |
| e) Nagarjuna | f) Tungabhadra |

Ch-4 Major areas of Rice and wheat Largest producer states of sugar cone, tea, Coffee, Rubber, Cotton and jute.

Ch-5 Minerals (Identification only).

Iron area minis, Raniganj, Bokaro, Thariya, Oil fields, Digboi, Mathura, Mumbai high.

Power plants :

- a) Thermal, Namsup singrauli,
Nuclear, Power Plant, Tarapur, Kalpakkam.
- b) Software Technology parks.
Noida Gandhi Nagar, Mumbai, Pune, Hyderabad,
Bangalore, Chennai.
- c) Major parts- Kandla, Mumbai, Mamagao, New Manglore, Tuttokorin , Chennai, Vishakhapatnam, Paradip, Haldia.

International Airports : Amritsar, Delhi, Mumbai, Chennai, Kolkata, Hyderabad.

PT - 1 History : Ch- 1
 Geography : Ch- 1 & 2
 Civics : Ch- 1 & 2
 Economics : Ch- 1 & 2

PT - 2 History : Ch- 2 & 3
 Geography : Ch- 3 & 4
 Civics : Ch- 3
 Economics : Ch- 3

PT - 3 History : Ch- 4 & 5
Geography : Ch- 5, 6 & 7
Civics : Ch- 4 & 5
Economics : Ch- 4 & 5

SA - 1 History : Ch- 1 to 3
Geography : Ch- 1 to 3
Civics : Ch- 1 to 3
Economics : Ch- 2 & 3

SA - 2 Entire Syllabus as per CBSE guideline.

हिन्दी (पाठ्यक्रम)

- अप्रैल क्षितिज (काव्य खंड) – पाठ– 1 सूरदास के पद
पाठ– 2 राम लक्ष्मण परशुराम संवाद
- व्याकरण – अपठित गद्यांश, काव्यांश
– पाठ– 1 रचना के आधार पर वाक्य भेद
- गतिविधि – भक्तिकाल के कवि सूरदास व तुलसीदास के बारे में जानकारी एकत्रित करके 3 शीट पर लिख कर फाइल में संकलित करें
- मई क्षितिज (गद्य खंड) – पाठ–7 नेताजी का चश्मा
– पाठ–8 बालगोबिन भगत
- व्याकरण – पाठ– 3 पद परिचय
कृतिका – पाठ– 1 माता का अँचल
- गतिविधि 1 – नेताजी का चश्मा पाठ के आधार पर छात्रों द्वारा देश के प्रति अपने उत्तरदायित्व को एक पृष्ठ पर लिखें, साथ ही देश के प्रति अपनी देशभक्ति को कैसे दर्शाएंगे उस पर कुछ पंक्तियाँ लिखेंगे।
- गतिविधि 2 – वर्तमान समय में संतान द्वारा माँ-बाप के प्रति उपेक्षा का भाव दर्शाया जाने लगा है जिससे वृद्धों की समस्याएँ बढ़ी हैं तथा समाज में वृद्धाश्रमों की जरूरत बढ़ गई है। माता का अँचल पाठ उन मूल्यों को उभारने में कितना सहायक है अपने विचार प्रस्तुत कीजिए।
- गतिविधि 3 – पत्र-लेखन।

जुलाई	क्षितिज	– पाठ– 3 आत्मकथ्य (कविता) पाठ– 9 लखनवी अंदाज
	व्याकरण	– पाठ 2 वाच्य अनुच्छेद लेखन, पत्र लेखन
अगस्त	क्षितिज	– पाठ– 2 साना–साना हाथ जोड़ि (कृतिका) – पाठ– 4 उत्साह, अट नहीं रही है (कविता) – पाठ– 10 एक कहानी यह भी (गद्य खंड)
	व्याकरण	– पाठ– 4 अलंकार विज्ञापन लेखन, सूचना लेखन संदे । लेखन
	गतिविधि 1	– भारत के पर्वतीय प्रदेशों के बारे में जानकारी एकत्रित करें जैसे– (खान–पान, रहन–सहन व पहनावे) व एक फाइल में चित्र सहित वर्णन करें।
सितंबर		– पुनरावृत्ति कार्य व संकलित परीक्षण प्रथम
	गतिविधि 2	– 3 विज्ञापन व 3 संदेश लेखन कॉपी में करें ।
अक्टूबर	क्षितिज	– पाठ– 5 यह दंतुरित मुस्कान, फसल – पाठ–11 नौबतखाने में इबादत – पाठ– 3 मैं क्यों लिखता हूँ।
	गतिविधि 1	– भारत के कुछ प्रमुख संगीत घराने की सूची बनाएँ व उनके चित्र चिपकाएँ तथा इनके बारे लिखें।
	गतिविधि 2	– पत्र लेखन
नवम्बर	क्षितिज	– पाठ– 6 संगतकार (कविता) – पाठ–12 संस्कृति (गद्य खंड)
	व्याकरण	– पद परिचय, वाच्य, रचना के आधार पर वाक्य भेद
दिसंबर व जनवरी		– पुनरावृत्ति कार्य

आवधिक परीक्षण 1 – पाठ– 1 सूरदास के पद, पाठ– 2 राम–लक्ष्मण– परशुराम
अपठित गद्यांश, रचना के आधार पर वाक्य भेद

आवधिक परीक्षण 2 – पाठ– 3 आत्मकथ्य पाठ– 1 माता का अँचल
सूचना लेखन

आवधिक परीक्षण 3 – पाठ– 10 एक कहानी यह भी पाठ– 11 नौबतखाने में इबादत
अलंकार

संकलित परीक्षण प्रथम :-

- ★ अपठित बोध
- ★ अनुच्छेद लेखन
- ★ पत्र लेखन
- ★ रचना के आधार पर वाक्य भेद
- ★ वाच्य
- ★ पद परिचय
- ★ अलंकार
- ★ विज्ञापन लेखन
- ★ संदेश लेखन, सूचना लेखन
- ★ पाठ– 1 सूरदास के पद
- ★ पाठ– 2 राम–लक्ष्मण – परशुराम संवाद
- ★ पाठ– 7 नेताजी का चश्मा
- ★ पाठ– 8 बाल गोबिन भगत
- ★ पाठ– 10 एक कहानी यह भी
- ★ पाठ– 4 उत्साह, अट नहीं रही
बोर्ड परीक्षा

प्री–बोर्ड परीक्षा : संपूर्ण पाठ्यक्रम

श्रवण वाचन कौशल विषय

- ★ भारत का ग्रामीण उत्थान कार्यक्रम
- ★ आज भारत देश में न्यायपालिका की भूमिका
- ★ विधानसभाओं और संसद में महिलाओं के लिए आरक्षण
- ★ गठबंधन की राजनीति
- ★ सूचना प्रौद्योगिकी एक विकासशील तकनीक है।
- ★ सामाजिक मुद्दे
- ★ शिक्षा का महत्व
- ★ पर्यावरण संबंधी चिंताएँ
- ★ वृद्ध जनों का सम्मान