

Nav Gian Deep Public School
Syllabus
Class- 9th
Session-2025-26

English

April-May Beehive : Ch- 1, The fun they had.
Ch- 2 The sound of music.
Ch- 3 The little girl.

Poem : 1 The Road not taken
Poem : 2 Wind.

Moments : Ch-1 The lost child.
: Ch-2 The adventures of Toto.

Grammar : Gap filling, Paragraph writing.

Activity : Listening activity.

**July &
August**

Beehive : Ch- 4, A Truly Beautiful Mind.
Ch- 5 The snake and the Mirror

Poem : 3 Rain on the Roof
Poem : 4 The lake isle of innisfree.

Moments : Ch-3 Iswaran the story teller
: Ch-4 In the kingdom of fools.
: Ch-5 The Happy Prince.

Grammar : Editing, Story writing.

Activity : Role play, listening activity.

September SA - I.

October & November Beehive : Ch- 6, My childhood.
Ch- 7 Reach for the top.
Ch- 8 Kathmandu.

Poem : 5 A legend of the Northland.
Poem : 6 No Men are foreign

Moments : Ch-6 The last leaf.
: Ch-7 A house is not a home.

Grammar : Gap filling, editing, diary Entry.

Activity : Speaking activity, listening activity.

December & January Beehive : Ch- 9, If I were you.

Poem : Ch- 7, On killing a tree.
Poem : Ch-8 A slumber did my spirit seal

Moments : Ch-8 The Beggar.

Grammar : Gap filling, Editing, transformation,
paragraph writing, diary entry, story
writing.

Activity : Listening activity.

PERIODIC TEST SYLLABUS

PT - I Beehive : Ch- 2 The sound of music. (Part-1)
Poem : Ch- 1 The road not taken
Moments : Ch- 1 The lost child.
Grammar : Gap filling, Paragraph writing.

PT - II Beehive : Ch- 2 The sound of music. (Part-2)
Poem : Ch- 2 Wind.
Moments : Ch- 2 The adventures of Toto.
Grammar : Gap filling, Paragraph writing.

PT - III Beehive : Ch- 7 Reach for the top. (Part-1)
Poem : Ch- 5 A legend of the Northland.
Moments : Ch- 6 The last leaf.
Grammar : Editing, Story writing.

PT - IV Beehive : Ch- 7 Reach for the top. (Part-2)
Poem : Ch- 6 No Men are foreign
Moments : Ch- 7 A house is not a home.
Grammar : Editing, diary entry.

Maths

April-May Ch- 1 Number System
Ch- 2 Polynomials.
Ch- 6 Lines and Angles
Ch- 7 Triangles.

Activity- 3 : To verify algebraic identity.
 $(a+b)^2 = a^2 + 2ab + b^2$

Activity- 4 : To verify algebraic identity.
 $(a-b)^2 = a^2 - 2ab + b^2$

Activity- 6 : To verify algebraic identity.
 $(a+b+c)^2 = a^2 + b^2 + c^2 +$
 $2ab + 2bc + 2ca$

Activity- 7 : To verify algebraic identity.
 $(a+b)^3 = a^3 + b^3 + 3a^2 b + 3ab^2$

**July &
August** Ch- 3 Coordinate Geometry.
Ch- 4 Linear Equation in two variables.
Ch- 5 Euclid's Geometry.
Ch- 10 Heron's Formula.

Activity-13 : To verify if two lines intersect,
them.

i) Vertically opposite angles are equal

ii) The sum of two adjacent angles is 180° (linear pair).

iii) the sum of all four angles is 360°

Activity- 14 : To verify different criteria for congruency of triangles.

Activity- 17 : To verify experimentally that the sum of the angles of a quadrilateral is 360° .

September SA - 1 : Ch - 1, 2, 3, 4, 5, 6, 7, 10.

October Ch- 8 Quadrilaterals.

& Ch- 9 Circles.

November Ch- 11 Surface Areas and volumes.

Activity- 22 : To verify angles subtended by an arc of a circle is double the angle subtended by it any point on the remaining part of the circle.

Activity- 23 : To verify Angles in the same segment of a circle are equal.

Activity- 24 : To verify opposite angles of a cyclic quadrilateral are supplementary.

Activity- 27 : To form a cuboid and find the formula for its surface.

December Ch- 12 Statistics.

Activity- 30 : To find formula for C.S.A of cylinder.

Activity- 32 : To draw histograms for classes of equal widths and varying widths.

Activity- 34 : To find probability of each outcome of a die when its thrown a large number of times.

SA - 2 Full syllabus (All chapters).

PT - 1 Ch- 1 Number System.
Ch- 2 Polynomials.

PT - 2 Ch- 6 Lines and Angles.
Ch- 7 Triangles.
Ch- 10 Heron's Formula.

PT - 3 Ch- 8 Quadrilaterals.
Ch- 11 Surface Area and Volumes.

PT - 4 Ch- 9 Circles, Ch- 12 Statistics.

Project work

- 1) Polynomials.
- 2) Triangles.
- 3) To develop Heron's Formula for area of triangle.
- 4) Surface Area and Volumes.
- 5) Application of Algebra, Geometry and mensuration in day to day life

Science

April-May Chemistry : Ch-1 Matter in our surroundings.

Biology : Ch-5 The Fundamental unit of life.

Physics : Ch-7 Motion (Upto Acceleration ; Numericals)

July & August

Chemistry : Ch-2 Is Matter Around us pure.

Biology : Ch-12 Improvement in Food Resources

Physics : Ch-7 Motion (Uniform and Non Uniform Motion)
Ch-11 Sound

October & November

Chemistry : Ch-3 Atoms and Molecules.

Biology : Ch-6 The Tissues

Physics : Ch-8 Force and Laws of Motion.
Ch-9 Gravitation.

December & January

Chemistry : Ch-4 Structure of the Atom.

Biology : Revision (December + January)

Physics : Ch-10 Work and Energy.

Activities :-

- Ch-1 To prove
- 1) Matter is made up of particles.
 - 2) Particles of matter are very small.
 - 3) To demonstrate diffusion in gases.
 - 4) To show the latent heat of vaporisation.

- Ch-2 (1) To show the types of mixtures i.e. Homogeneous and heterogeneous mixtures, suspension, colloidal solution.
- 2) Perform an activity to show the process of sublimation using Ammonium chloride or camphor in a china dish.

- Ch-3 (1) To prove the Law of conservation of mass by taking examples of Notebooks, Chemical Reactions etc.

Ch-4 (1) Bindi Pasting activity to represent the electronic distribution in shells of various elements (Atomic No 1 to 20) on A-4 size sheet.

Ch-5 (1) To prepare a temporary mount of onion peel.
2) To show the osmosis with an egg.

Ch-6 (1) To demonstrate Growth of roots in onion bulb ie, Merismatic tissues.

Ch-7 (1) To discuss, whether the walls of your classroom are at rest or in motion.
2) To find the magnitude of distance and displacement by two ways.
3) To show the Uniform and Non Uniform Motion, by graphical Method.

Ch-8 (1) To explain the different types of Inertia with five rupee coin, glass and card Flicking.
2) To demonstrate the third law of Motion by Action and reaction taking place simultaneously on two different bodies.

Ch-9 (1) To prove the air resistance to the free fall of the paper.
2) To prove +ve and -ve gravitational force of earth 'g' by using a stone.
3) To prove the upthrust and buoyant force by using empty plastic bottle and tub of water.

Ch-10 (1) To prove work done and positive, negative and zero work by taking various examples.

Ch-11 (1) To demonstrate the reflection of sound by using two identical pipes.

List of Experiments :-

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

1. Preparation of :

- a) A two solution of common salt, sugar and alum.
- b) A Suspension of soil, chalk powder and fine sand in water.
- c) A colloidal solution of ink in water and egg albumin / milk in water and distinguish between these on the basis of.
★ Transparency. ★ Filtration Criterion. ★ Stability.

2. Preparation of :

- a) A mixture
- b) A Compound using iron filing and sulphur powder and distinguish between these on the basis of.
 - i) Appearance, i.e, homogeneity and heterogeneity.
 - ii) Behaviour towards a magnet.
 - iii) Behaviour towards a carbon disulphide as a solvent.
 - iv) Effect of heat.

3. Perform the following reaction and classify them as Physical or Chemical changes.

- a) Iron with copper sulphate solution in water.
- b) Zinc with dilute sulphuric acid.
- c) Sodium sulphate with barium chloride in the form of their solution in water.

4. Preparation of stained temporary mounts of.

- a) Onion peel.
- b) Human cheek cells & to record observation and draw their labelled diagrams.

5. Identification of Parenchyma, Collenchyma and sclerenchyma Tissues in Plants from prepared slides. Draw their labelled diagrams.

6. Determination of the Melting point of ice and the boiling point of water.
7. Verification of the law of reflection of sound.
8. Determination of the density of solid (denser than water) by using a spring balance and a measuring Cylinder.
9. Establishing the relation between the loss in weight of solid when fully immersed in.
 - a) Tap water.
 - b) Strongly salty water with the weight of water displaced by it, taking atleast two different solids.
10. Determination of the speed of a pulse propagated through a stretched string/ slinky (helical spring).
11. Verification of the law of conservation of mass in a Chemical reaction.

Term - 1

- PT - 1** Ch- 1 Matter in Our Surroundings.
Ch- 5 The Fundamental Unit of life.
- PT - 2** Ch- 7 Motion.
Ch- 12 Improvement in Food Resources.
- SA - 1** Ch- 1 , 2 , 5 , 7 , 11 , 12

Term - 2

- PT - 3** Ch- 3 Atoms and Molecules.
Ch- 8 Force and Laws of Motion.
- PT - 4** Ch- 6 The Tissues.
Ch- 9 The Gravitation.
- SA - 2** Entire Syllabus as per CBSE Guidelines.

Social studies

- April- May** History : Ch- 1 The French Revolution.
Ch- 2 Socialism in Europe and the Russian Revolution.
- Geography : Ch- 1 India size and location
Ch- 2 Physical features of India.
- Civics : Ch- 1 What is Democracy ? Why democracy ?
- Economics : Ch- 1 They story of village Palampur.
- July & August** History : Ch-3 Nazism and the Rise of Hitler
- Geography : Ch- 3 Drainage
Ch- 4 Climate.
- Civics : Ch- 2 Constitutional Design.
Ch- 3 Electrol Politics.
- Economics : Ch- 2 People as a resources
- September SA - 1** Ch- 1 to 3 in History.
Ch- 1 to 3 in Geography.
Ch- 1 to 2 in Economics.
Ch- 1 to 2 in Civics.
- SA - 2** Entire Syllabus guide line by CBSE.
- September** Revision + SA - 1 Exam.

**October
&
November**

History : Ch-4 Forest society and colonialism.

Civics : Ch- 4 Working of Institutions.

Geography : Ch- 5 Natural vegetation and wildlife.

Economics : Ch- 3 Poverty as challenge.

December History : Ch- 4 Forest society and colonialism

Civics : Ch- 5 Democratic rights.

Geography : Ch- 5 Natural vegetation and wildlife.

Economics : Ch- 4 Food security in India.

Activity

- 1) Visit a mean by village or a slum area and write down a case study of a boy or girl of your age facing the same condition as vilas or sakal.
- 2) Discuss which institution are at work in the running of your school ? Would it be better if one person alone took all the do vision regarding management of your school ?
- 3) Visit some farms a nearby village and collect the details of food crops cultivated by the farmers.
- 4) Find some trees in your neighbourhood having medicinal values.

- Map Work**
- 1) Outline Political Map of France locate Paris, Bastille, Nantes, Marseillaise.
 - 2) Outline map of India (Physical map). locate Area wise rainfall from 20 cm to 400 cm.
 - 3) The direction of the south-west monsoon over India.
 - 4) On an outline map of India, label the following.
 - a) Areas of Evergreen Forests.
 - b) Areas of dry deciduous Forests.
 - c) Two national parks each in Northern, southern Eastern and western parts of the country.

Lead Book : Echo Publication (Do It your self social science (Geography and History)).

Project work : Disaster management
or
Consumer Rights
or
Democratic Rights

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

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

PT - 3 History : Ch - 3 , 4
 Geography : Ch - 3 , 4
 Civics : Ch - 3
 Economics : Ch - 3

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

हिन्दी (पाठ्यक्रम)

- अप्रैल क्षितिज – पाठ- 1 : दो बैलों की कथा
 पाठ- 2 : ल्हासा की ओर
- व्याकरण – पाठ- 1 : उपसर्ग, प्रत्यय, समास
 – पाठ- 2 : अर्थ के आधार पर वाक्य भेद
- गतिविधि – तिब्बत के जन-जीवन, संस्कृति, खान-पान
 और लोगों का वर्णन करते हुए पोर्ट फोलियो
 तैयार करें।
- मई क्षितिज – पाठ- 3 उपभोक्ता वाद की संस्कृति
 पाठ- 7 साखियाँ एवं सबद
 पाठ- 8 वाख
- व्याकरण – अपठित गद्यांश
 – अनुच्छेद लेखन
- गतिविधि 1- आज की उपभोक्ता संस्कृति ने हमारे
 रीति-रिवाजों और त्योहारों को किस
 प्रकार प्रभावित कर रही है? अपने अनुभव
 के आधार पर एक अनुच्छेद लिखें व कुछ
 विज्ञापनों के चित्र संकलित कर फाइल में
 लगाएँ।
- गतिविधि 2- पत्र लेखन

जुलाई पाठ- 1 : इस जल प्रलय में (कृतिका)
पाठ- 4 : साँवले सपनों की याद
पाठ- 9 : सवैये

व्याकरण – पत्र लेखन, लघु कथा लेखन

गतिविधि – प्राकृतिक आपदाओं के बारे में जानकारी एकत्रित करें व विभिन्न आपदाओं पर संक्षिप्त जानकारी A4 शीट पर लिख कर फाइल में संकलित करें ।

अगस्त पाठ- 5 : प्रेमचंद के फटे जूते
पाठ- 10 : कैदी और कोकिला

व्याकरण – संवाद लेखन

पाठ- 4 अलंकार

कृतिका पाठ- 2 मेरे संग की औरतें

सितंबर पुनरावृत्ति कार्य व संकलित परीक्षण प्रथम

अक्टूबर पाठ- 6 : मेरे बचपन के दिन
पाठ- 11 : ग्रामश्री (कविता)
पाठ- 12 : मेघ आए (कविता)

गतिविधि 1 – 'मेरा बचपन' पर एक अच्छा सा अनुच्छेद लिखें ।

गतिविधि 2 – ग्राम श्री कविता के आधार पर आप जिस गाँव से संबंध रखते हैं, उसके बारे में जानकारी एकत्रित करके वहाँ के खान पान, पोशाक व रहन सहन पर लेख तैयार करें ।

नवम्बर

पाठ— 13 : बच्चे काम पर जा रहे हैं

पाठ— 3 : रीढ़ की हड्डी

गतिविधि — बालश्रम पर आधारित एक शिक्षाप्रद
नुक्कड़ नाटक तैयार करें।
पत्र — लेखन

दिसंबर व
जनवरी

पुनरावृत्ति कार्य।

आवधिक परीक्षण 1

पाठ— 1 दो बैलों की कथा

पाठ— 2 ल्हासा की ओर

आवधिक परीक्षण 2

पाठ— 7 साखियाँ एवं सबद

पाठ— 8 वाख

पाठ— 3 उपभोक्तावाद की संस्कृति

आवधिक परीक्षण 3

पाठ— 5 प्रेमचंद के फटे जूते

पाठ— 10 कैदी और कोकिला (कविता)

पाठ— 11 ग्रामश्री (कविता)

आवधिक परीक्षण 4

पाठ— 2 मेरे संग की औरतें

पाठ— 1 इस जल प्रलय में

पाठ— 2 अर्थ के आधार पर वाक्य भेद

संकलित परीक्षण प्रथम

★ अपठित बोध

★ पत्र लेखन

★ अनुच्छेद लेखन

★ उपसर्ग, प्रत्यय व समास

★ अर्थ के आधार पर वाक्य भेद

★ अलंकार

★ लघु कथा लेखन

★ पाठ 1 दो बैलों की कथा

★ पाठ 2 ल्हासा की ओर

★ पाठ 7 साखियाँ एवं सबद

★ पाठ 8 वाख

★ पाठ 9 सवैये

- ★ पाठ 5 प्रेम चंद के फटे जूते
- ★ पाठ 1 इस जल प्रलय के
- ★ पाठ 2 मेरे संग की औरतें
- ★ पाठ 10 कैदी और कोकिला
- ★ संवाद लेखन

संकलित परीक्षण द्वितीय संपूर्ण पाठ्यक्रम

श्रवण वाचन कौशल (विषय)

- नशा मुक्ति : एक सामाजिक समस्या
- मानसिक स्वास्थ्य : अनदेखी समस्या
- समुदाय सेवा का महत्व
- परिजनों का महत्व : शिक्षा में
- धर्म और समाज : बदलाव की आवश्यकता
- कचरा प्रबंधन : हमारी जिम्मेदारी
- भूजल संरक्षण : क्यों जरूरी है ?
- हृदय स्वास्थ्य : कैसे रखें ?
- अपनी कमजोरियों को समझना
- अपने सपनों को जीने का तरीका