

IX
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INTRODUCTION

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CLASS-IX

*Learning is a treasure
that follows its owner everywhere.*

Learning is a continuous building of skills and knowledge throughout the life of an individual. It helps to discover the unfathomed oceans of knowledge and nurture the latent and creative potential in the learner. Education must therefore promote and nourish as wide a range of capacities and skills in our children as possible. Education, as a planned endeavour, aims at making children capable of becoming active, responsible, productive and caring members of society.

The major emphasis of the syllabus is on the continuous growth of students ensuring their intellectual, emotional, physical, cultural and social development. The curriculum is framed in order to ensure multifaceted personality development of the child. It takes care of scholastic as well as co-scholastic aspects of the pupil's growth.

Project work, activities, practicals and continuous assessment are an essential part of the curriculum. Regular attendance, good and sound understanding of the subject is thus required for performing well. Notes, home assignments and worksheets based on the syllabi are given regularly to the students. Please encourage and motivate your ward to put in the best and regular efforts in academics and other activities.

We look forward to your cooperation

Thanking you,

Principal

**Class IX
ENGLISH
FIRST TERM**

Literature Reader

Prose (Beehive)

1. The Fun They Had
2. The Sound of Music
3. The Little Girl
4. A Truly Beautiful Mind
5. The Snake and the Mirror
6. My Childhood

Poetry

1. The Road Not Taken
2. Wind
3. Rain on the Roof
4. The Lake Isle of Innisfree
5. A Legend of the Northland

Supplementary Reader (Moments)

1. The Lost Child
2. The Adventures of Toto
3. Iswaran the Storyteller
4. In the Kingdom of Fools
5. The Happy Prince

Workbook (Words and Expressions-1)

Unit 1 to 5

Writing

Article Writing, Descriptive Paragraph (Person/Place/Event/Diary Entry), Story Writing

Grammar

1. Tenses
2. Determiners
3. Modals
4. Subject - Verb Concord

SECOND TERM

Literature Reader

Prose (Beehive)

1. Packing

2. Reach for the Top
3. The Bond of Love
4. Kathmandu
5. If I were you

Poetry

1. No Men Are Foreign
2. The Duck and the Kangaroo
3. On Killing a Tree
4. The Snake Trying
5. A Slumber did My Spirit Seal

Supplementary Reader (Moments)

1. Weathering the Storm in Ersama
2. The Last Leaf
3. A House is Not a Home
4. The Accidental Tourist
5. The Beggar

Workbook (Words and Expressions-1)

Unit 6 to 11

Writing

Article Writing, Descriptive Paragraph (Person/Place/Event/Diary Entry), Story Writing

Grammar

1. Clauses
2. The Passive
3. Reported Speech
4. Preposition

| Course Structure | | |
|------------------|--|-----------------|
| Section | | Total Weightage |
| A | Reading Skills | 20 |
| B | Writing Skills with Grammar | 30 |
| C | Literature Textbook and Supplementary Reading Text | 30 |
| TOTAL | | 80 |

(2)

हिन्दी - 'ब'

- पाठ्य पुस्तकें -
1. स्पर्श भाग-1 (NCERT)
 2. संचयन भाग-1 (NCERT)
 3. व्याकरण सोपान (नवीं कोर्स 'बी') - आर्य पब्लिशिंग कंपनी

प्रथम-सत्र

स्पर्श भाग-1

- गद्य खण्ड - 1.
1. दुःख का अधिकार
 2. एक्वेस्ट मेरी शिखर यात्रा
 3. तुम कब जाओगे, अतिथि

- पद्य खण्ड - 1.
1. रैदास के पद
 2. रूहीम के दोहे
 3. आदमीनामा

- संचयन भाग-1
1. गिल्लू
 2. स्मृति

व्याकरण

- | | |
|-------------------|-------------|
| 1. वर्ण-विच्छेद | 2. अनुस्वार |
| 3. अनुनासिक | 4. नुक्ता |
| 5. उपसर्ग-प्रत्यय | 6. संधि |
| 7. विराम-चिह्न | |

- रचना कौशल -
- | | |
|--------------------------|------------------|
| 1. पत्र-लेखन (अनौपचारिक) | 2. अनुच्छेद-लेखन |
| 3. चित्र-वर्णन | 4. संवाद-लेखन |
| 5. विज्ञापन-लेखन | 6. अपठित गद्यांश |
| 7. अपठित काव्यांश | |

- केवल पठन हेतु -
1. धूल (स्पर्श)
 2. कल्लू कुम्हार की उनाकोटी (संचयन)

द्वितीय-सत्र

स्पर्श भाग-1

- गद्य खण्ड - 1.
1. कीचड़ का काव्य
 2. शुक्रतारे के समान
 3. धर्म की आड़

(3)

- पद्य खण्ड - 1. एक फूल की चाह
2. अग्निपथ
3. (क) नए इलाके में
(ख) खुशबू रचते हैं हाथ

- संचयन भाग-1 1. हामिद खाँ
2. दिए जल उठे

व्याकरण - प्रथम सत्र में की गई व्याकरण दोहराई जाएगी।

- रचना कौशल - 1. पत्र-लेखन (अनौपचारिक) 2. अनुच्छेद-लेखन
3. चित्र-वर्णन 4. संवाद-लेखन
5. विज्ञापन-लेखन 6. अपठित-गद्यांश
7. अपठित-काव्यांश

- केवल पठन हेतु - 1. वैज्ञानिक चेतना के वाहक : चंद्रशेखर वेंकट रामन् (स्पर्श)
3. गीत-अगीत (स्पर्श)
4. मेरा छोटा-सा निजी पुस्तकालय (संचयन)

| परीक्षा हेतु भार विभाजन | |
|------------------------------|-----------|
| विषय-वस्तु | अंक |
| अपठित-बोध | 15 |
| व्याकरण | 15 |
| पाठ्य-पुस्तक एवं पूरक-पुस्तक | 25 |
| लेखन | 25 |
| कुल भार | 80 |

संस्कृतम्

पाठ्यपुस्तकें

- शेमुषी - प्रथमो भागः (पाठ्यपुस्तकम्) (NCERT)
- अभ्यासवान् भव - प्रथमो भागः (व्याकरण पुस्तकम्) (NCERT)
- व्याकरणवीथिः - व्याकरण पुस्तकम् (NCERT)

प्रथमसत्रम्

1. शेमुषी (पाठ्यपुस्तकम्)

- प्रथमः पाठः भारतीयसन्तगीतिः (न परीक्षाकृते)
द्वितीयः पाठः स्वर्णकाकः
तृतीयः पाठः कल्पतरुः
चतुर्थः पाठः सुक्तिमौक्तिकम्
पञ्चमः पाठः भ्रान्तो बालः
षष्ठः पाठः प्रत्यभिज्ञानम्
सप्तमः पाठः

2. व्याकरण

- सन्धिकार्यम् - स्वरसन्धिः - दीर्घः, गुण, यण्
- शब्दरूपाणि -
(क) अकारान्त पुल्लिङ्गशब्दाः - बालकवत्
(ख) आकारान्त स्त्रीलिङ्गशब्दाः - लतावत्
(ग) सर्वनामशब्दाः - अस्मद्, किम् (त्रिषु लिङ्गेषु)
- धातुरूपाणि - पेट्, कृ (पञ्चसु लकारेषु)
सेव् (लट्, लृट्, लङ् लकारेषु)
- कारक-उपपद-विभक्तयः
द्वितीया - परितः, समया, निकषा
तृतीया - सह/साकम्/समम्/सार्धम्
चतुर्थी - रुच्, दा (यच्छ्)
पञ्चमी - विना, बहिः
षष्ठी - उपरि, अधः
सप्तमी - स्निह, निपुणः
- प्रत्ययाः - क्त्वा, तुमुन्, ल्यप्
- संख्या - 1 से 50
- उपसर्गाः - आ, वि, प्रति, उप, अनु, निर, प्र, अधि, अप, नि, अव
- अपठित - अवबोधनम् - एकः गद्यात्मकः खण्डः
- सङ्केताधारितम् औपचारिकम् अथवा अनौपचारिकम् पत्रलेखनम्

- (iii) चित्राधारितं वर्णनम् अथवा अनुच्छेदलेखनम्
(iv) हिन्दीभाषायाम् लिखितानां पञ्चसरलवाक्यानां संस्कृभाषायाम् अनुवादः

द्वितीयसत्रम्

1. श्रेमुषी (पाठ्यपुस्तकम्)

- तृतीयः पाठः सोमप्रभम् (न परीक्षाकृते)
अष्टमः पाठः लौहतुला
नवमः पाठः सिकतासेतुः
दशमः पाठः जटायोः शौर्यम्
एकादशः पाठः पर्यावरणम्
द्वादशः पाठः वाङ्मनः प्राणस्वरूपम् (न परीक्षाकृते)

2. व्याकरण

- (i) सन्धिकार्यम् - स्वरसन्धिः - वृद्धिः, अयादि
(ii) शब्दरूपाणि -
(क) उकारान्त पुल्लिङ्गशब्दाः - सायुवत्
(ख) ईकारान्त स्त्रीलिङ्गशब्दाः - नदीवत्
(ग) सर्वनामशब्दः - युष्मद्
(iii) धातुरूपाणि - असु, पा (पिबु) (पञ्चसु लकारेषु)
सेव् (लोट्, विधिलिङ् लकारयोः)
(iv) कारक-उपपद-विभक्तयः
द्वितीया - प्रति, विना
तृतीया - विना, अलम्
चतुर्थी - नमः, कुप्
पञ्चमी - भी, रक्ष्
षष्ठी - पुरतः, पृष्ठतः
सप्तमी - विश्वस्
(v) प्रत्ययाः - क्तवत्, शतु, शानच्
(vi) संख्या - 51 से 100

3. (i) अपठित - अवबोधनम् - एकः गद्यात्मकः खण्डः
(ii) सङ्केताधारितम् औपचारिकम् अथवा अनौपचारिकम् पत्रलेखनम्
(iii) चित्राधारितं वर्णनम् अथवा अनुच्छेदलेखनम्
(iv) हिन्दीभाषायाम् लिखितानां पञ्चसरलवाक्यानां संस्कृभाषायाम् अनुवादः

| परीक्षा हेतु भार-विभाजन | | |
|-------------------------|-----------------------|-----------|
| 'क' खण्डः | अपठित-अवबोधनम् | 10 अङ्काः |
| 'ख' खण्डः | रचनात्मक-कार्यम् | 15 अङ्काः |
| 'ग' खण्डः | अनुप्रयुक्त-व्याकरणम् | 25 अङ्काः |
| 'घ' खण्डः | पठित-अवबोधनम् | 30 अङ्काः |
| कुल भार | | 80 अङ्काः |

FRENCH

Text Prescribed :

- Entre Jeunes Class IX (CBSE)
Textbook : Lessons 1 - 6
Lesson-1 : La Famille
Lesson-2 : Au Lycée
Lesson-3 : Une journée de Pauline
Lesson-4 : Les Saisons
Lesson-5 : Les Voyages
Lesson-6 : Les loisirs et les sports

FIRST TERM

Section-A : Reading Section

One unseen prose passage (factual/descriptive) (100-150 words)

Section-B : Writing Section

Message, postcard, description of a person with visual input and clues, dialogue reordering

Section-C : Grammar Section

Based on the prescribed textbook (Lesson 1 to 6)
articles, possessive adjectives, demonstrative adjectives, prepositions, verbs (present, futur proche, futur, pronominal verbs, passé composé impératif), question formation, negatives (without

expressions), Retrouvez les phrases, Accordez les adjectifs
Imparfait, Corrigez la faute

Section-D : Culture and Civilization

Questions based on textbook (Lesson 1 to 6)

SECOND TERM

Text Prescribed :

Entre Jeunes Class IX (CBSE)

Textbook : Lessons 1 - 12

Lesson-1 : La Famille

Lesson-2 : Au Lycée

Lesson-3 : Une journée de Pauline

Lesson-4 : Les Saisons

Lesson-5 : Les Voyages

Lesson-6 : Les loisirs et les sports

Lesson-7 : L'Argent de Poche

Lesson-8 : Faire des achats

Lesson-9 : Un diner en famille

Lesson-10 : La Mode

Lesson-11 : Les fêtes

Lesson-12 : La Francophonie

Section-A : Reading Section

One unseen prose passage (factual/descriptive) (100-150 words)

Section-B : Writing Section

One long composition (Informal Letter), Any 2 short composition
(message, recipe, description of a person with visual input and
clues)

Section-C : Grammar Section

Based on the prescribed textbook (Lessons 1 to 12)

articles, possessive adjectives, demonstrative adjectives
prepositions, verbs (present, futur proche, futur, pronominal verbs
passé composé, impératif, imparfait, passé récent, conditionne
présent), question formation, negatives, personal pronouns
interrogative adjectives and pronouns, relative pronouns.

Section-D : Culture and Civilization

Questions based on textbook (Lesson 1 to 12)

Course Structure

| Section | | Marks |
|--------------|--------------------------|-----------|
| A | Reading Comprehension | 10 |
| B | Writing | 20 |
| C | Grammar | 30 |
| D | Culture and Civilization | 20 |
| TOTAL | | 80 |

MATHS

Text Book : Text Book for Class IX (NCERT)

Reference Book : Mathematics for Class IX by R.D. Sharma

FIRST TERM

Unit-I : Number Systems

Chapter-1 : Number Systems

Unit-II : Algebra

Chapter-2 : Polynomials

Unit-IV : Geometry

Chapter-5 : Introduction to Euclid's Geometry (not for assessment)

Chapter-6 : Lines and Angles

Chapter-7 : Triangles

Chapter-11 : Constructions

Unit-III : Coordinate Geometry

Chapter-3 : Coordinate Geometry

Unit-V : Mensuration

Chapter-12 : Heron's Formula

SECOND TERM

Unit-II : Algebra (contd...)

Chapter-4 : Linear Equations in Two Variables

Unit-IV : Geometry (contd...)

Chapter-8 : Quadrilaterals

Chapter-9 : Areas of Parallelograms & Triangles

Chapter-10 : Circles

- Unit-V : Mensuration (contd...)
 Chapter-13 : Surface Areas and Volumes
 Unit-VI : Statistics and Probability
 Chapter-14 : Statistics
 Chapter-15 : Probability

| Course Structure | | |
|------------------|----------------------------|-----------|
| Units | Unit Name | Marks |
| I | Number Systems | 08 |
| II | Algebra | 17 |
| III | Coordinate Geometry | 04 |
| IV | Geometry | 28 |
| V | Mensuration | 13 |
| VI | Statistics and Probability | 10 |
| | TOTAL | 80 |

SCIENCE AND TECHNOLOGY

- Text Book :** 1. Science Textbook for Class-IX (NCERT)
 2. Lab Manual : Science Lab Manual - Rachna Sagar

FIRST TERM

PHYSICS

- Chapter-8 : Motion
 Chapter-9 : Force and Laws of Motion
 Chapter-10 : Gravitation (till the topic - Mass & Weight, Pg. 137)

Practicals

- To verify the laws of reflection of sound.
- To determine the density of solid by using a spring balance and measuring cylinder.

CHEMISTRY

- Chapter-1 : Matter in Our Surroundings
 Chapter-2 : Is Matter Around us Pure?

Practicals

- Preparation of a true solution, a suspension and a colloidal solution.

- Preparation of a mixture and a compound using iron filings and sulphur powder
- Separation of the components of a mixture of sand, common salt and ammonium chloride.
- Perform the reactions and classify them.
- To determine the melting point of ice and boiling point of water.

BIOLOGY

- Chapter-5 : The Fundamental Unit of Life
 Chapter-6 : Tissues
 Chapter-15 : Improvement in Food Resources

Practicals

- To prepare a temporary mount of onion peel.
- To prepare a temporary mount of human cheek cells.
- To study the permanent slides of Plant tissues (Parenchyma, Collenchyma, Sclerenchyma) and Animal tissues (Striated, Smooth and Cardiac muscles, Nervous tissue).

SECOND TERM

PHYSICS

- Chapter-10 : Gravitation - Floatation
 Chapter-11 : Work and Energy
 Chapter-12 : Sound

Practicals

- To establish the relation between the loss of weight of a solid when immersed in water with the weight of water displaced by it. (Archimedes Principle)
- To determine the speed of a pulse propagated through a stretched slinky.

CHEMISTRY

- Chapter-3 : Atoms and Molecules
 Chapter-4 : Structure of the Atom
 Chapter-14 : Natural Resources

Practicals

1. Verification of the Law of Conservation of mass in a chemical reaction.

BIOLOGY

Chapter-7 : Diversity in Living Organisms

Chapter-13 : Why Do We Fall Ill?

Practicals

1. To study the plant specimen - Spirogyra, Funaria, Fungi, Fern, Male and Female cone of Pinus, Angiospermic Plant
2. To study the features of - Earthworm, Bird, Cockroach, Bony Fish.
3. To study external features of dicot and monocot plant.

| Course Structure | | |
|------------------|-----------------------------------|-------|
| Units | Unit Name | Marks |
| I | Matter - Its Nature and Behaviour | 23 |
| II | Organisation in the Living World | 20 |
| III | Motion, Force and Work | 27 |
| IV | Our Environment | 06 |
| V | Food; Food Production | 04 |
| TOTAL | | 80 |

SOCIAL SCIENCE

Text Books :

1. History : India and the Contemporary World-I
2. Geography : Contemporary India-I
3. Political Science : Democratic Politics-I
4. Economics : Economics, textbook for Class IX
5. Disaster Management : Together Towards a Safer India - Part II, A textbook on Disaster Management for Class-IX (only through project and assignments)

FIRST TERM

History

Section-I : Events and Processes

Chapter-1 : The French Revolution

Chapter-2 : Socialism in Europe and the Russian Revolution

Geography

Chapter-1 : India - Size and Location

Chapter-2 : Physical features of India

Chapter-3 : Drainage

Political Science

Chapter-2 : What is Democracy? Why Democracy?

Chapter-3 : Constitutional Design

Delete - Chapter-1 : Democracy in the Contemporary World

Economics

Chapter-1 : The Story of Village Palampur

Chapter-2 : People as Resource

SECOND TERM

History :

Section-I : Events and Processes

Chapter-3 : Nazism and the Rise of Hitler

Section-II : Livelihoods, Economies and Societies

Chapter-4 : Forest Society and Colonialism

Section-III : Everyday Life, Culture and Politics

Delete - Chapter-7 : History and Sport - The Story of Cricket

Delete - Chapter-8 : Clothing - A Social History

Geography

Chapter-4 : Climate

Chapter-5 : Natural Vegetation and Wildlife

Chapter-6 : Population

Political Science

Chapter-4 : Electoral Politics

Chapter-5 : Working of Institutions

Chapter-6 : Democratic Rights

Economics

Chapter-3 : Poverty as a Challenge

Chapter-4 : Food security in India

| Course Structure | | |
|------------------|------------------------------------|-----------|
| Units | Unit Name | Marks |
| I | India and the Contemporary World-I | 20 |
| II | Contemporary India-I | 20 |
| III | Democratic Politics-I | 20 |
| IV | Economics | 20 |
| | TOTAL | 80 |

ART EDUCATION

Learning Objectives :

- Introduce the student to new media and technique and their use for creative expression and making objects of common use.
- Refine the sense of appreciation of the beauty of nature and the basic elements of art forms

FIRST TERM

Busy Bees Book-7

Pages 7 to 31

FIRST TERM

Busy Bees Book-7

Pages 32 to 53