

Syllabus for Class IX (2019-20)

ENGLISH COURSE B

1. BEEHIVE
2. MOMENTS

TERM –I (April to September)

PERIODIC TEST-I (July – August)

LITERATURE READER

PROSE (Beehive)

1. The Fun They Had
2. The Sound of music
3. The little Girl

POETRY

1. The Road Not Taken
2. Wind

SUPPLEMENTARY READER (Moments)

1. The Lost Child
2. The Adventures of Toto
3. Iswaran The Storyteller

Grammar:

1. Reporting verbs
2. Adverbs

Writing skills:

1. Paragraph writing
2. Formal lette

PT-II MID- TERM (September)

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. Happy prince

INTEGRATED GRAMMAR

WRITING SKILLS

Article/ Descriptive Paragraph (person/place/event/diary entry)

Story writing

Subject enrichment activity

Listening skills (5 marks)

Speaking skills (5 marks)

TERM-II (October to February)

PERIODIC TEST-III (December)

LITERATURE READER

PROSE (Beehive)

7. Packing
8. Reach For The Top
9. The Bond Of Love

POETRY

6. No Men Are Foreign
7. The Duck and the Kangaroo
8. On Killing a Tree

SUPPLEMENTARY READER (Moments)

6. Weathering the storm in Ersama
7. The Last Leaf
8. A House is Not a Home

INTEGRATED GRAMMAR

WRITING SKILL

Story Writing

ANNUAL EXAM SYLLABUS (February)

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
7. Packing
8. Reach For The Top
9. The Bond Of Love
10. Kathmandu
11. If I were You

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
6. No Men Are Foreign
7. The Duck and the Kangaroo
8. On Killing a Tree
9. The Snake Trying
10. A Slumber did My Spirit Seal

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
6. Weathering the Storm In Ersama
7. The Last Leaf
8. A House is not a Home
9. The Accidental Tourist
10. The Beggar

Integrated grammar

Gap filling exercises, jumbled sentences, editing

Writing skills

Story writing, article writing, letter writing, paragraph

Subject enrichment activity (10 marks)

Write the following points about all the poems given in beehive (use A4 sheets)

1. Poet 2. Central idea 3. Poetic devices

हिंदी पाठ्यक्रम
कक्षा : नवीं (सत्र: 2019-2020).
प्रथम सत्र (अप्रैल से सितंबर)
आवधिक परीक्षा (P.A.-1)

खंड-क अपठित बोध

- (१) अपठित गद्यांश
- (२) अपठित काव्यांश

खंड-ख व्यावहारिक व्याकरण

- (१) वर्ण-विच्छेद
- (२) अनुस्वार एवं अनुनासिक
- (३) नुक्ता

खंड-ग साहित्य(स्पर्श)

- (१) दुःख का अधिकार
- (२) रैदास के पद

खंड-घ लेखन

- (१) पत्र लेखन (अनौपचारिक पत्र)

अर्द्धवार्षिक परीक्षा(HalfYearly Exam)

खंड-क अपठित बोध

- (१) अपठित गद्यांश
- (२) अपठित काव्यांश

खंड-ख व्यावहारिक व्याकरण

- (१) वर्ण-विच्छेद
- (२) अनुस्वार एवं अनुनासिक
- (३) नुक्ता
- (४) उपसर्ग-प्रत्यय
- (५) संधि (केवल स्वर संधि)
- (६) विराम चिह्न

खंड-ग साहित्य(स्पर्श-गद्य खंड)

- (१) दुःख का अधिकार
- (२) एवरेस्ट: मेरी शिखर यात्रा
- (३) तुम कब जाओगे, अतिथि

काव्य खंड

- (१) पद
- (२) दोहे
- (३) आदमीनामा

पूरक पुस्तक(संचयन)

- (१) गिल्लू
- (२) स्मृति

खंड-घ लेखन

- (१) पत्र लेखन (अनौपचारिक पत्र)
- (२) अनुच्छेद लेखन
- (३) चित्र वर्णन
- (४) संवाद लेखन
- (५) विज्ञापन लेखन



Air Force Bal Bharati School
Lodi Road, New Delhi

हिंदी पाठ्यक्रम

कक्षा : नवीं(सत्र: 2019-2020).

द्वितीय सत्र (अक्तूबर से फरवरी)

आवधिक परीक्षा (P.A.-3)

खंड-क अपठित बोध

(१) अपठित गद्यांश

खंड-ख व्यावहारिक व्याकरण

(१) उपसर्ग-प्रत्यय

(२) संधि (केवल स्वर संधि)

(३) विराम चिह्न

खंड-ग साहित्य(स्पर्श-गद्य खंड)

(१) एवरेस्ट: मेरी शिखर यात्रा

(२) कीचड़ का काव्य

काव्य खंड

(३) एक फूल की चाह

(४) अग्निपथ

संचयन

(१) हामिद खाँ

खंड-घ लेखन

(१) संवाद लेखन

हिंदी पाठ्यक्रम
कक्षा : नवीं(सत्र: 2019-2020).
वार्षिक परीक्षा(Annual Exam)

खंड-क अपठित बोध

- (१) अपठित गद्यांश
- (२) अपठित काव्यांश

खंड-ख व्यावहारिक व्याकरण

- (१) वर्ण-विच्छेद
- (२) अनुस्वार एवं अनुनासिक
- (३) नुक्ता
- (४) उपसर्ग-प्रत्यय
- (५) संधि (केवल स्वर संधि)
- (६) विराम चिह्न

खंड-ग साहित्य(स्पर्श-गद्य खंड)

- (१) दुःख का अधिकार
- (२) एवरेस्ट: मेरी शिखर यात्रा
- (३) तुम कब जाओगे, अतिथि
- (४) कीचड़ का काव्य
- (५) धर्म की आड़
- (६) शुक्रतारे के समान

काव्य खंड

- (१) पद
- (२) दोहे
- (३) आदमीनामा
- (४) एक फूल की चाह
- (५) अग्निपथ
- (६) नए इलाके में
- (७) खुशबू रचते हैं हाथ

पूरक पुस्तक(संचयन)

- (१) गिल्लू
- (२) स्मृति
- (३) हामिद खाँ
- (४) दीए जल उठे

खंड-घ लेखन

- (१) पत्र लेखन (अनौपचारिक पत्र)
- (२) अनुच्छेद लेखन
- (३) चित्र वर्णन
- (४) संवाद लेखन
- (५) विज्ञापन लेखन

MATHEMATICS SYLLABUS (2019-20)**CLASS-IX**

MONTH	SYLLABUS FOR PERIODIC TESTS	NAME OF THE TOPIC
JULY	PERIODIC TEST –I	NUMBER SYSTEM
		POLYNOMIALS
SEPTEMBER	PERIODIC TEST –II/MID TERM EXAM	NUMBER SYSTEM
		POLYNOMIALS
		COORDINATE GEOMETRY
		LINEAR EQUATIONS IN TWO VARIABLES
		LINES AND ANGLES
		TRIANGLES
		STATISTICS
		HERON’S FORMULA
DECEMBER	PERIODIC TEST –III	NUMBER SYSTEM
		POLYNOMIALS
		COORDINATE GEOMETRY
		LINEAR EQUATIONS IN TWO VARIABLES
		LINES AND ANGLES
		TRIANGLES
		STATISTICS
		HERON’S FORMULA
		QUADRILATERALS
		AREA OF PARALLELOGRAMS AND TRIANGLES
		CONSTRUCTIONS
FEBRUARY	PERIODIC TEST –IV (FINAL EXAM)	NUMBER SYSTEM
		POLYNOMIALS
		COORDINATE GEOMETRY
		LINEAR EQUATIONS IN TWO VARIABLES
		LINES AND ANGLES
		TRIANGLES
		STATISTICS
		HERON’S FORMULA
		QUADRILATERALS
		AREA OF PARALLELOGRAMS AND TRIANGLES
		CIRCLES
		CONSTRUCTIONS
		SURFACE AREA AND VOLUMES
		PROBABILITY
		INTRODUCTION TO EUCLID’S GEOMETRY

Class IX Syllabus 2019-20

MONTH	TOPIC
APRIL	Chapter 5 THE FUNDAMENTAL UNIT OF LIFE
MAY	Chapter 6 TISSUE (PLANT TISSUE TILL PAGE 73)
JULY	Chapter 6 TISSUE (ANIMAL TISSUE PAGE 74 - 79)
AUGUST	Chapter 15 IMPROVEMENT IN FOOD RESOURCES
SEPTEMBER	REVISION

Periodic Test 1 Syllabus [Chapter 5 THE FUNDAMENTAL UNIT OF LIFE and Chapter 6 TISSUE (PLANT TISSUE TILL PAGE 73)]

FIRST TERM SYLLABUS

Chapter 5 The Fundamental Unit Of Life

Chapter 6 Tissues

Chapter 15 Improvement In Food Resources

Class IX Syllabus 2019-20

MONTH	TOPIC
OCTOBER	Chapter 7 Diversity In Living Organisms (till page 91)
NOVEMBER	Chapter 9 Diversity In Living Organisms (from page 92 Vertebrata)
DECEMBER	Chapter 13 Why Do We Fall ILL
JANUARY	Chapter 14 Natural Resources (Biogeo chemical cycles)

PERIODIC TEST-3 SYLLABUS

Chapter 5 The Fundamental Unit Of Life

Chapter 6 Tissues (Animal Tissue)

Chapter 7 Diversity in Living Organisms

Chapter15 Improvement in Food Resources

ANNUAL EXAM SYLLABUS

Chapter 5 The Fundamental Unit Of Life

Chapter 6 Tissues

Chapter 7 Diversity In Living Organisms

Chapter 13 Why Do We Fall ILL

Chapter 14 Natural Resources (Biogeo chemical cycles)

Chapter15 Improvement In Food Resources

Psychology
Class XII
Yr. 2019-2020

Syllabus for PT- 1

Chapter 1- Variations in Psychological attributes

Chapter 3- Meeting life challenges

Chapter 9- Developing psychological skills

Class IX Syllabus 2019-20

MONTH	TOPIC
APRIL	Chapter 5 THE FUNDAMENTAL UNIT OF LIFE
MAY	Chapter 6 TISSUE (PLANT TISSUE TILL PAGE 73)
JULY	Chapter 6 TISSUE (ANIMAL TISSUE PAGE 74 - 79)
AUGUST	Chapter 15 IMPROVEMENT IN FOOD RESOURCES
SEPTEMBER	REVISION

Periodic Test 1 Syllabus [Chapter 5 THE FUNDAMENTAL UNIT OF LIFE and Chapter 6 TISSUE (PLANT TISSUE TILL PAGE 73)]

FIRST TERM SYLLABUS

Chapter 5 The Fundamental Unit Of Life

Chapter 6 Tissues

Chapter 15 Improvement In Food Resources

Class IX Syllabus 2019-20

MONTH	TOPIC
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PERIODIC TEST-3 SYLLABUS

Chapter 5 The Fundamental Unit Of Life

Chapter 6 Tissues (Animal Tissue)

Chapter 7 Diversity in Living Organisms

Chapter15 Improvement in Food Resources

ANNUAL EXAM SYLLABUS

Chapter 5 The Fundamental Unit Of Life

Chapter 6 Tissues

Chapter 7 Diversity In Living Organisms

Chapter 13 Why Do We Fall ILL

Chapter 14 Natural Resources (Biogeo chemical cycles)

Chapter15 Improvement In Food Resources

Class-9, Chemistry

Term wise syllabus

Term-1 (April-September) :

1. Matter in our surroundings.
2. Is matter around us pure?

Practicals-

- a. Identification of apparatus and learning their uses.
- b. To determine the melting point of ice and boiling point of water.
- c. To prepare (1) a true solution of common salt/sugar, (2) a suspension of chalk powder/sand in water, (3) a colloidal solution of starch in water. Distinguish between these on the basis of transparency, filtration criterion and stability.
- d. To separate the components of a mixture of sand, common salt, and ammonium chloride by sublimation.

Term-2 (October-March) :

1. Atoms and molecules.
2. Structure of the atom.
3. Natural resources.

Practicals-

- a. To prepare (1) a mixture (2) a compound using iron fillings and sulphur powder and distinguish between them on the basis of- (i) appearance i.e. homogeneity and heterogeneity. (ii) behaviour towards a magnet. (iii) behaviour towards carbon disulphide as a solvent. (iv) effect of heat.
- b. To carry out the following chemical reactions and identify the change involved in each case- (1) iron with copper sulphate solution in water. (2) burning of magnesium ribbon in air. (3) zinc with dilute sulphuric acid. (4) heating of copper sulphate crystals. (4) sodium sulphate with barium chloride in the form of their solutions in water.
- c. To verify law of conservation of mass.

SYLLABUS IXth CLASS
2019 – 2020 (Term wise)

PHYSICS SYLLABUS

Periodic Test - 1

Physics

Chapter 8 – Describing Motion

Maximum Marks 14

Periodic Test - 2

Physics

Chapter 8 – Describing Motion

Chapter 9 – Force & Laws of Motion

Chapter 10 – Gravitation (till topic 10.4)

Maximum Marks 27

Practicals:-

1. To determine the density of solid by using a spring balance and a measuring cylinder .

2. To establish the relation between the loss in weight of a solid when fully immersed in

(i) tap water

(ii) strongly salty water, with the weight of water displaced by it by taking at least 2 different solids.

Periodic Test - 3

Physics

Chapter 8 – Describing Motion (definitions only)

Chapter 9 – Force and Laws of Motion (Newton's Ist, IInd and IIIrd Law of Motion)

Chapter 10 – Gravitation (Thrust & Pressure onwards)

Chapter 11 – Work & Energy

Maximum Marks 14

Periodic Test – 4 (ANNUAL EXAMINATION)

Physics

Maximum Marks 27

(6 marks for M.C.Q included 1+1+1+1+2)

Chapter 8 – Describing Motion (derivations of Equations of Motion)

Chapter 9 – Force & Laws of Motion (Numerical only from the Chapter)

Chapter 10 – Gravitation (Newton's law of Gravitation & Archimede's Principle)

Chapter 11 – Work & Energy (Definition & Numericals)

Chapter 12 – Sound

Practicals:-

- (1) To determine the density of solid by using a spring balance and a measuring cylinder .
- (2) To establish the relation between the loss in weight of a solid when fully immersed in
 - (i) tap water
 - (ii) strongly salty water, with the weight of water displaced by it by taking at least 2 different solids.
- (3) (A) To determine the velocity of a pulse through a stretched string.

(B) To determine the velocity of a pulse propagated through a slinky spring.
- (4) To verify the laws of reflection of sound.

Syllabus Class IX 2019-20

(Term Wise) Geography & Economics

Term I

Periodic Test I

Geography

Chapter-1 India size and location location

Economics

Chapter-1 The story of village Palampur

Mid Term

Geography

Chapter-1 India size and location location

Ch-2 Physical Features of India

Ch-3 Drainage

.

Economics

Chapter-1 The story of village Palampur

Chapter 2: - People as a Resource

Term II

Periodic test II

Geography

Ch-4 Climate

Economics

Chapter 3: - Poverty as a challenge

Final Term

Geography

Chapter-1 India size and location location

Ch-2 Physical Features of India

Ch-3 Drainage

Ch-4 Climate

Ch-5 Natural vegetation and wild life

Ch-6 Population

Economics

Chapter-1 The story of Palampur

Chapter 2: - People as a Resource

Chapter 3: - Poverty as a challenge

Chapter 4: - Food Security

Syllabus Class IX

Month wise Geography & Economics

APRIL

Geography

Chapter-1 India size and location

- location
- size and extent
- India and the world
- India's neighbors

Chapter-2 Physical Features of India

- Introduction –Folding and Faulting (Till theory of Plate tectonics and India's Landmass)
- Major physiographic Divisions (Introduction)

Economics

Chapter-1 The story of Palampur

- (Till factors of production)

MAY

Geography

Chapter-2 Physical Features of India

- Physiographic divisions –The Himalayas

Economics

Chapter 1 The story of village Palampur

- Ways to grow more from same land

- Traditional and modern farming methods

JULY

Geography

Ch-2 Physical Features of India

- Physiographic divisions –the Northern plains, the peninsular plateau, the Great Indian Desert and the Islands

Economics

Chapter- 1 The story of village Palampur

- Degradation of soils
- land distribution
- non- farm activities in Palampur

AUGUST

Geography

Ch-3 Drainage

- Drainage pattern
- The Himalayan river system
- The peninsular river system
- Lakes and their role
- River pollution.

Economics

Chapter 2: - People as a Resource

- Economic activities
- quality of population
- unemployment and its types

- effects of unemployment

SEPTEMBER (Mid- Term)

OCTOBER

Geography

Chapter-4 Climate

- Regional climate variation in India
- Climate control (Till factors affecting Indian climate)

Economics

Chapter 3: - Poverty as a challenge

- two typical cases of poverty
- indicators of poverty
- poverty line
- poverty trends in India
- Inter-state disparities

NOVEMBER

Geography

Ch-4 Climate

- The Indian monsoon Seasons
- distribution of rainfall

Ch-5 Natural vegetation and wild life (till factors affecting diversity in India)

Economics

Chapter 3: - Poverty as a challenge

- global poverty scenario
- causes of poverty

- anti-poverty measures

DECEMBER

Geography

Ch-5 Natural vegetation and wild life

- Types of vegetation
- Distribution of wild life in India
- Needs of environmental conservation

Economics

Chapter 4: - Food Security

- meaning
- necessity of food security
- food insecure people
- measures for self sufficiency

JANUARY

Geography

Ch-6 Population

- Size
- distribution
- Age-sex composition
- Population change,
- Literacy rate
- Health
- Occupational structure
- National population policy.

Economics

Chapter 4: - Food Security

- food security in India

- buffer stock
- programmes for food security in India
- role of cooperatives in food security

February - Revision

Session-2019-2020

Class IX Social Science Syllabus – Term wise

History

Term- 1 (April to September)

April

Ch-1- French Revolution- Part-1,2,3.

May

Ch-1- French Revolution- Part-4

July

Ch-1- French Revolution- Part-5,6.

Ch-2- Socialism in Europe and Russian Revolution- Part-1,2

P.T- 1

Ch-1- French Revolution

August

Ch- 2- Socialism in Europe and Russian Revolution- Part-3,4,5.

Mid-term

Ch-1- French Revolution

Ch-2- Socialism in Europe and Russian Revolution

Maps from Ch-1- French Revolution& Ch-2- Socialism in Europe and Russian Revolution

Term- 2 (October to March)

October

Ch-3- Nazism and Rise of Hitler- Part-1,2.

November

Ch-3- Nazism and Rise of Hitler- Part-3,4,5.

P.T.-2

Ch--1- French Revolution-Part-2,3.

Ch-2- Socialism in Europe and Russian Revolution- Part- 2,3.

Ch-3- Nazism and Rise of Hitler

December

Ch-4- Forest, society and colonialism- Part-1,2,3.

January

Ch-4- Forest, society and colonialism- Part-4.

Annual Examination

Ch-1- French Revolution

Ch-2- Socialism in Europe and Russian Revolution

Ch-3- Nazism and Rise of Hitler

Ch-4- Forest, society and colonialism.

Maps from Ch-1- French Revolution, Ch-2- Socialism in Europe and Russian Revolution, Ch-3- Nazism and Rise of Hitler & Ch-4- Forest, society and colonialism.

Class IX-Syllabus- Month wise and Term wise

Civics

Term-1- April to September

April

Ch-2- What is democracy? Why democracy?

May

Ch-3- Constitutional Design (upto Topic-3.2- Why do we need a Constitution? Page-44)

July

Ch-3- Constitutional Design- Part 3.3,3.4.

P.T.-1

Ch-2- What is democracy? Why democracy?

August

Ch-4- Electoral Politics- Part-4.1,4.2

Midterm

Ch-2- What is democracy? Why democracy?

Ch-3- Constitutional Design

Ch-4- Electoral Politics- Part- 4.1,4.2.

Term-2- October to March

October

Ch-4- Electoral Politics- Part- 4.3

November

Ch-5- Working of institutions- Part- 5.1,5.2,5.3

P.T.-2

Ch-3- Constitutional Design-Part-3.1

Ch-4- Electoral Politics- Part- 4.1, 4.3

Ch-5- Working of institutions- Part- 5.1,5.2,5.3.

December

Ch-5- Working of institutions- Part- 5.4

Ch-6- Democratic rights- Part- 6.1,6.2,6.3

January

Ch-6- Democratic rights- Part- 6.4

Annual Examination

Ch-2- What is democracy? Why democracy?

Ch-3- Constitutional Design

Ch-4- Electoral Politics

Ch-4- Working of institutions

Ch-5- Democratic rights

Termwise Syllabus (2019-20)

Computer Science

Class IX

Term I

Periodic Test 1

Chapter 1 Basic Elements of Computer System

Chapter 2 Computer Hardware and Software

Half Yearly Examination

Chapter 1 Basic Elements of Computer System

Chapter 2 Computer Hardware and Software

Chapter 3 Basics of Operating System

Chapter 12 Python

Term II

Periodic Test 2

Chapter 4 Communication and Networking

Chapter 9 Spreadsheet Tool: MS Excel 2013

Final Examination

Chapter 1 Basic Elements of Computer System

Chapter 2 Computer Hardware and Software

Chapter 3 Basics of Operating System

Chapter 12 Python

Chapter 4 Communication and Networking

Chapter 9 Spreadsheet Tool: MS Excel 2013

Chapter 10 Advance Features of MS Excel 2013

Chapter 5 Cyber Safety

Term wise Syllabus 2019-20

Class 9

French

✓ **Term 1**

1. La famille
2. Au lycée
3. Une journée de Pauline
4. Les saisons
5. Les voyages
6. Les loisirs et les sports

• **Periodic test 1**

- ❖ Leçon 1,2,3

✓ **Term 2**

7. L'argent de poche
 8. Faire des achats
 9. Un dîner en famille
 10. La mode
 11. Les fêtes
 12. La francophonie
- + whole syllabus of first term

• **Periodic test 2**

- ❖ Leçons 7,8
- ❖ Verbes from first term

Month wise Syllabus 2019-20

Class 9

French

Month

April

Lessons

1. La famille
2. Au lycée
3. Une journée de Pauline

Activity- Les dialogues du marché

May

3. Une journée de Pauline

July

4. Les saisons
5. Les voyages

Activity- Une chanson française

- **Periodic test 1**
Leçon 1,2,3

August

6. Les loisirs et les sports
- Revision

September

Revision & Mid Term Examination

October

7. L'argent de poche
8. Faire des achats

November

9. Un dîner en famille

Activity- Lettre- Décrivez une fête

December

10. La mode
11. Les fêtes

Periodic test 2

Leçon – 7,8,9

January

12. La francophonie
- Revision

February

Revision & Final Term Examination