

SYLLABUS

CLASS-IX

2018-2019

CONTENT	PAGE
ENGLISH LANGUAGE	2
ENGLISH LITERATURE	3
HINDI-2ND LANGUAGE	4
BENGALI-2ND LANGUAGE	5
FRENCH- 2ND LANGUAGE	6
HISTORY & CIVICS	7
GEOGRAPHY	8
MATHEMATICS	9
PHYSICS	10
CHEMISTRY	11
BIOLOGY	12
COMMERCIAL STUDIES	13
ENVIRONMENTAL SCIENCE	14
ECONOMIC APPLICATIONS	15
COMPUTER APPLICATIONS	16
ART	17
HOME SCIENCE	18
PHYSICAL EDUCATION-CRICKET	19
PHYSICAL EDUCATION-ATHLETICS	20
PHYSICAL EDUCATION-BASKETBALL	21
PHYSICAL EDUCATION-FOOTBALL	22

English language

Term 1:

April to June:

Composition: Narrative and Descriptive

Letter writing: Informal

Notice writing

Comprehension

Grammar: Interchange of kinds of sentences, Simple, Compound and Complex sentences, Agreement of Subject and Verb

July to September:

Composition: Argumentative, Story writing and Picture composition

Letter writing: Formal

Email writing

Summary writing

Grammar: Tenses, Prepositions and Phrasal Verbs, Synthesis of sentences

Term 2:

November to January:

Revision of all the above topics

March:

Solving practice papers

As per the Council's latest syllabus.

English literature

Term 1:

Treasure Trove (A Collection of ICSE Poems and Short Stories)

Poems:

1. The Bangle Sellers
2. Television
3. After Blenheim
4. Daffodils

Short Stories:

1. A Face in the Dark
2. A Horse and Two Goats
3. Old Man at the Bridge
4. Hearts and Hands
5. An Angel in Disguise

Drama: The Merchant of Venice (William Shakespeare)

Act 1: Scene 1,2,3

Act 2: Scene 1,2,3,4,5

Term 2:

Poems:

1. The Cold Within
2. Heart of a Tree

Short Stories:

1. Chief Seattle's Speech

Drama: The Merchant of Venice

Act 2: Scene 6,7,8,9

Act 3: Scene 1

As per the Council's guidelines.

द्वितीय भाषा-हिंदी (2018-19)

FIRST TERM

April-August

Language	Literature
<ul style="list-style-type: none">• लिंग, वचन , काल, विशेषण• वाच्य• शुद्ध अशुद्ध शब्द तथा वाक्य• मुहावरे• विलोम• पर्यायवाची• अनेक शब्दों के लिए एक शब्द• पत्र लेखन- अनौपचारिक तथा औपचारिक• निबंध• अपठित गद्यांश	<ul style="list-style-type: none">• बात अठन्नी की• साखी• काकी• गिरिधर की कुंडलियाँ• महायज्ञ का पुरस्कार• स्वर्ग बना सकते हैं हम

FINAL TERM

September-March

Language	Literature
<ul style="list-style-type: none">• वाक्य के भेद• काल और उसके भेद• Revision of all grammar (संज्ञा, लिंग, वचन, विशेषण, क्रिया, वाच्य)• पत्र लेखन- औपचारिक• निबंध , अपठित गद्यांश• मुहावरे• विलोम• पर्यायवाची• अनेक शब्दों के लिए एक शब्द	<ul style="list-style-type: none">• नेताजी का चश्मा• वह जन्मभूमि मेरी• अपना अपना भाग्य• मेघ आए• बड़े घर की बेटी• सूर के पद

BENGALI 2ND LANGUAGE

TOPICS

**FIRST TERM
APRIL- SEPTEMBER**

- *Ginni
 - *Laloo
 - *Jambo (1st chapt)
 - * Canvassar
 - *Baama
 - * Naam
 - * Bakya poribortan
paribortan
 - *Eki sobder bivinya orther proyog
 - *Dhannatyak sabdo
 - *Sadhu Chalit
 - *Composition
 - * Comprehension
 - * Letter writing
- SYLLABUS**

**FINAL TERM
OCTOBER- MARCH**

- * Naam
- *Asahajogee
- *Jambo(2nd chapt&3rd chapt)
- *Debotar Janmo
- *Bacho Poribartan
- *Ukti Poribartan
- *Bagdhara /All kinds of bakya
- *Project Writing
- *Composition
- *Comprehension
- *Letter Writing
- *[REVISION/WORKSHEETS]
- *[FINAL EXAM-ENTITRE
OF CLASS-9]

FRENCH 2nd LANGUAGE

TOPICS

FIRST TERM

APRIL- SEPTEMBER

TOPIC

Food and health (Lesson 6)

Friendship (Lesson 1)

Tourism: Hotel booking (Lesson: 5)

**Holiday Home, Youth Hostel , Camping
(Lesson: 7)**

Famous artist (Lesson: 3, 6)

VOCABULARY

**Of every topic
Phrases and idioms**

GRAMMAIRE

**Verbes and usage of verbs in present,
Passé Compose, l'imparfait, passé récent,
future simple, Future proche**

L'articles

L'article contracté

Prepositions

Prenoms personnelles

Comparatif et superlatif

COMPOSITIONS

Essay based on topics and unseen topics

Dialogue writing

Letter writing

Make Sentences

TRANSLATION

English to French

French to English

COMPREHENSION

Based on unseen topics

FINAL TERM

OCTOBER- MARCH

TOPIC

Environment (Lesson: 8)

Transport

Leisure

Shopping

Famous singer and famous sportsman

VOCABULARY

**Of every topic
Phrases and idioms**

GRAMMAIRE

Conditionelle present, verbs

L'articles

L'articles

Prepositions

L'imperatif, Pronoms possessif,

L'adjectif possessif

COMPOSITIONS

Essay based on topics and unseen topics

Dialogue writing

Letter writing

Picture composition

TRANSLATION

English to French

French to English

COMPREHENSION

Based on unseen topics

HISTORY & CIVICS

TOPICS

FIRST TERM

APRIL- SEPTEMBER

- 1. The Harappan Civilization**
- 2. The Vedic Period**
- 3. Jainism and Buddhism**
- 4. The Age of the Guptas**
- 5. The Delhi Sultanate**
- 6. The Mughal Empire**
- 7. Our Constitution**
- 8. Elections**
- 9. Rural Local Self Government**

FINAL TERM

OCTOBER- MARCH

- 1. Industrial Revolution**
- 2.Reformation**
- 3. The Cholas**
- 4. The Sangam Age**
- 5. Urban Local Self Government**
- 6. Rural Local Self Government**
[First Term]
- 7. Elections [First Term]**
- 8. The Delhi Sultanate**
[First Term]
- 9.The Mughal Empire**
[First Term]

Projects: Composite Culture OR Renaissance

GEOGRPAHY

FIRST TERM APRIL- SEPTEMBER

Chapter 1 : The Earth as a Planet.

Chapter 2 : Geographic Grid

Chapter 3 : Rotation and Revolurion

Chapter 4 : Structure of the Earth

Chapter 5 : Landforms of the Earth

Chapter 6 : Rocks

Chapter 7 : Volcanoes

Chapter 8 : Earthquakes

Chapter 9 : Weathering

Chapter 10 : Denudation

Chapter 11 : Hydroshere

Maps & Topo Maps as per done in class

FINAL TERM OCTOBER- MARCH

Chapter 12 : Composition And Structure of Atmosphere

Chapter 13 : Insolation

Chapter 14 : Atmospheric Pressure and Winds

Chapter 15: Humidity

Chapter 16: Pollution- Types & Sources

Chapter 17: Pollution - Effects & Prevention

Chapter 18 : Natural Regions of the World

Maps & Topo Maps as per done in class

PHYSICS

FIRST TERM APRIL- SEPTEMBER

- **Motion in one dimension**
- **Laws of Motion**
- **Fluids**
- **Heat**
- **Light**

FINAL TERM OCTOBER- MARCH

- **Sound**
- **Electricity & Magnetism**

CHEMISTRY

FIRST TERM APRIL- SEPTEMBER

- Language of Chemistry
- Chemical changes and reactions
- Water
- Study of gas laws

FIRST TERM OCTOBER- MARCH

- Atomic structure and chemical bonding
- Hydrogen
- Atmospheric pollution
- Periodic Table

FINAL TERM OCTOBER

BIOLOGY

TOPICS

FIRST TERM

APRIL- SEPTEMBER

- **Introducing Biology**
- **The Flower**
- **Pollination and Fertilization**
- **Seeds-Structure and germination**
- **Nutrition**
- **Digestive System**
- **Hygiene**
- **Waste Generation and Management**
- **Five Kingdom Classification**
- **Health Organisations.**

FINAL TERM

OCTOBER- MARCH

- **Cell: The Unit of Life.**
- **Tissues- Plant and Animal Tissues**
- **Skeleton-Movement and Locomotion**
- **Economic Importance of Bacteria and Fungi**
- **Skin- the jack of all trades.**
- **Respiration in Plants**
- **The Respiratory System**
- **Aids to health**
- **Diseases: Cause & Control**

MATHEMATICS

TOPICS

FIRST TERM

APRIL- SEPTEMBER

1. Expansion
2. Factorisation
3. Triangles
4. Rational & Irrational Numbers
5. Rectilinear Figures: Quadrilateral, Parallelogram, Rectangle, Rhombus Square, Trapezium, Constructions
6. Indices
7. Logarithms
8. Mid point & its converse
9. Equal Intercept Theorem
10. Pythagoras Theorem
11. Statistics: Mean, Median (Ungrouped Data) Drawing Frequency polygon.
12. Simultaneous Equation & Problems
13. Area Theorems
14. Compound Interest

FIRST TERM EXAMINATION

FINAL TERM

OCTOBER – MARCH

1. Circle : Chord & Arc Properties
2. Area Perimeter of Triangles
3. Area, Circumference of Circle, semi circle etc
4. Surface Area & vol of 3D Solids
5. Trigonometry.
6. Co ordinate Geometry: Graphical Solutions & Distance Formula.

ANNUAL EXAMINATION
WHOLE YEARS SYLLABUS

COMMERCIAL STUDIES

TOPICS

FIRST TERM APRIL- SEPTEMBER

- **Introduction to Commercial Organization.**
- **Understanding the functions of a Commercial organization.**
- **Communication in Commercial Organisation**
- **Introduction to Accounting and Book keeping.**

FINAL TERM OCTOBER- MARCH

- **Trade**
- **Revision**

ENVIRONMENTAL SCIENCE

TOPICS

FIRST TERM APRIL- SEPTEMBER

- **Our Environmental problems**
- **Components of Ecosystem**
- **Working of Ecosystem**
- **Biogeochemical Cycle and Succession**
- **Kinds of Ecosystem**
- **Bio geographic zones of India**
- **Our Water resources**

FINAL TERM OCTOBER- MARCH

- **Air pollution**
- **Green House Effect and Ozone Depletion**
- **Soil and Land**
- **Poverty**
- **Urbanization**
- **Agriculture**

ECONOMIC APPLICATIONS

FIRST TERM :

APRIL 2018 -- SEPTEMBER 2018

- **Chapter 1: Meaning and Definition of Economics**
- **Chapter 2: Basic Concepts of Economics**
- **Chapter 3 : Basic Problems of an Economy**
- **Chapter 4 : Types of Economies**
- **Chapter 5 : Solutions to the Basic Economic Problems**
- **Chapter 6: Nature and Features of the Indian Economy**
- **Chapter 7 : India : A Developing Economy**

FINAL TERM :

OCTOBER 2018 -- MARCH 2019

- **Chapter 8 : Sectors of the Indian Economy**
- **Chapter 9 : Agriculture , Industry and the Ecosystems**
- **Chapter 10 : Infrastructure of the Indian Economy**
- **Chapter 11 : Consumer Awareness**
- **Chapter 12 : Globalisation**
- **(All chapters of first term are included in the final term)**

PROJECT : Topics for both the terms will be announced in the class

COMPUTER APPLICATION

TOPICS

FIRST TERM APRIL- SEPTEMBER

- **Elementary concepts of objects and classes**
- **Class as the basis of all computation**
- **Values and datatypes of Java**
- **Conditional statements**
- **Looping statements in Java**
- **Constructors**

FINAL TERM OCTOBER- MARCH

- **Class as user defined type**
- **Iterations in Java**
- **Using Library classes**
- **Encapsulation and Inheritance**
- **Input/output [Scanner and Printer Classes]**
- **Writing programs in Java under Blue J environment.**

ART
TOPICS

**FIRST TERM- APRIL TO
SEPTEMBER**

- Still life study – Pencil shading
- Still life study – monochrome
- Still life study - Watercolour
- Study of a plant – Pencil shading
- Study of a plant - Water colour
- Sketching of human figures
- Creative Composition
- Calligraphy
- Book cover Designing
- CD cover designing
- Folk art

**FINAL TERM-OCTOBER TO
MARCH**

- Still life study – Pencil shading
- Still life study – monochrome
- Still life study - Watercolour
- Study of a Flower – Pencil shading
- Study of a Flower - Water colour
- Perspective study
- Sketching of outdoor spaces
- Creative Composition
- Book cover Designing
- Poster designing
- Pattern Design
- Card Making
- Folk art

HOME SCIENCE

TOPICS

FIRST TERM

APRIL- SEPTEMBER

- 1. Concept of Home science**
- 2. Food and Health**
- 3. Methods Of Cooking**
- 4. Nutrients and their Functions**
- 5. Choosing a home**
- 6. Home and it's maintenance**
- 7. Growth and development of children**
- 8. The Family**

FINAL TERM

OCTOBER- MARCH

- 9. Selection of Clothing**
- 10. Types of fabric available in the market**
- 11. Factors influencing choice of clothing**
- 12. Waste Management**
- 13. What are three 'R's**

PRACTICALS

Practical oriented assignments as prescribed by the council.

PHYSICAL EDUCATION (CRICKET)

MONTHS: - APRIL, MAY, JUNE

- **.WARM UP (GENERAL AND SPECIFIC)**
- **.RUNNING BETWEEN THE WICKETS**
- **. TECHNIQUE THROWING FROM CLOSE**

MONTHS:- JULY , AUGUST , SEPTEMBER

- **.WARM UP (GENERAL AND SPECIFIC)**
- **. PLANNING FOR BATTING**
- **. PLANNING FOR BOWLING**
- **. MATCH PRACTICE**

MONTHS:- OCTOBER , NOVEMBER, DECEMBER

- **.WARM UP (GENERAL AND SPECIFIC)**
- **. TECHNIQUE THROWING FROM THE BOUNDARY LINE**
- **. MIDDLE PRACTICE**
- **.TACTICS (GROUP SPECIALISED TACTICS INVOLVING MORE THAN ONE POSITION GROUP)**
- **. GAME (SPORTS DAY PRACTICE)**

MONTHS:- JANUARY , FEBRUARY , MARCH

- **.WARM UP (GENERAL AND SPECIFIC)**
- **. PLANNING FOR BATTING. , PLANNING FOR BOWLING**
- **.UMPIRING RULES**

PHYSICAL EDUCATION (ATHLETICS)

MONTHS: - APRIL, MAY, JUNE

- General warm-up, General and specific exercises like, Toe-to-head or Head-to-Toe exercises.
- Learning / improving basic athletic motor skills.
- Introduction of general safety and competition rules.
- Methods of strength and endurance development.
- Free play (games and sports)

MONTHS: - JULY, AUGUST, SEPTEMBER

- Methods of speed and flexibility development.
- Develop sprinting like, sprint distances of 30 to 120 mts and practice types of sprint start.
- Means of fitness development and measuring of pulse rate.
- Free play (games and sports) Improving team spirit

MONTHS: - OCTOBER, NOVEMBER, DECEMBER.

- Sports day practice.
- Develop reaction sprint, different kinds of relays and shuttle sprint over a distance.
- Improving jump-power (Long Jump), co-ordination and increasing speed running different techniques.
- Develop games and various races with a partner or with groups.
- Develop shot-put technique (O Brian)
- Free play (games and sports) Improving teamwork.

MONTHS: - JANUARY, FEBRUARY, MARCH

- Improve physical fitness through various activities.
- Free play (games and sports) Improving team spirit.

PHYSICAL EDUCATION (BASKETBALL)

MONTHS: - APRIL, MAY, JUNE

- **Special endurance training (with and without ball).**
- **Technique of fake and change of direction.**
- **Technique of fake and drive shot with defense.**
- **Basketball match.**

MONTHS: - JULY, AUGUST, SEPTEMBER

- **Warm up (Conditioning training).**
- **Technique of one vs. one (with and without ball).**
- **Technique of zone defense.**
- **Basketball match.**

MONTHS: - OCTOBER, NOVEMBER, DECEMBER.

- **Specific fitness training.**
- **Technique of give the ball and go take own position.**
- **Technique of pivot play.**
- **Technique of man to man defense.**
- **Basketball match.**
- **Sports Day practice.**

MONTHS: - JANUARY, FEBRUARY, MARCH

- **Body balance and footwork.**
- **Man to man defense.**
- **Zone defense.**
- **Technique of pivot play.**
- **Basketball match.**

PHYSICAL EDUCATION (FOOTBALL)

APRIL,MAY,JUNE

- **Physical fitness training(extensive endurance, aerobic capacity, mix endurance circuit course with continuous running)**
- **Co-ordination training(Running co-ordination, jumping & heading)**
- **Technical training(passing, shooting, dribbling ,heading)**
- **Tactics(Attacking & defensive principle)**
- **Game**

JULY, AUGUST,SEPTEMBER

- **Physical fitness training(Co-ordination circuit course speed & timing, reaction & finishing)**
- **Compound technical training(receiving a ball & kicking, dribbling & shooting, kicking & heading)**
- **Goalkeeper training**
- **Tactics(Attacking tactics-Individual & collective)**
- **Game**

OCTOBER,NOVEMBER,DECEMBER

- **Physical fitness training(Endurance,strength,speed)**
- **Group tactics(combination play to maintain possession & score)**
- **Set play & functional training & Goal keeper training**
- **Game**
- **Sports day practice**

JANUARY,FEBRUARY,MARCH

- **Conditioning training**
- **Compound technical exercise**
- **Team tactics(the speed attack & defense concepts)**
- **Functional training & Goal keeper training**
- **Match practice**