

# SYLLABUS: 2021 - 2022 ( Class-IX)

## SUBJECT: ENGLISH

### BOOK-

1. *Beehive – A Textbook in English for Class IX*

(N. C. E. R. T.)

2. *Moments- Supplementary Reader in English for Class IX*

(N. C. E. R. T.)

### Periodic Assessment: 1

#### **Beehive**

##### **Prose:**

Lesson 1: The Fun They Had

Lesson 2: The Sound of Music

##### **Poetry:**

Poem 1: The Road Not Taken

Poem 2: Wind

#### ***Portfolio Assignment: April:***

Write an article on the following topic (100-150 words) and prepare a collage on  
'Can technology replace humans?'

### **Summer Break Homework**

1. Read lessons 3-7 from Beehive and lesson 2-5 from Moments.
2. Collect inspirational articles ( 2) and poems (4) from magazines and newspapers. Paste them in the Portfolio
3. Write Articles on the following topics in the Portfolio ( 100-150 words)
  - a. Specially abled are differently abled.( Collect information on any celebrity who is differently abled.)
  - b. God could not be everywhere so he made parents.
  - c. Music is the food of soul.
  - d. Choices we make in life.
  - e. Environmental Issues

### **Class Test**

1. Reading Comprehension
2. Grammar
3. Writing Skills

### Periodic Assessment: 2

#### **Beehive**

##### **Prose:**

Lesson 3: The Little Girl

Lesson 4: A Truly Beautiful Mind

Lesson 5: The Snake and the Mirror

Lesson 6: My Childhood

Lesson 7: Packing

##### **Poetry:**

Poem 3: Rain on the Roof

Poem 4: The Lake Isle of Innisfree

Poem 5: A Legend of the Northland

Poem 6: No Men Are Foreign

Poem 7: The Duck and the Kangaroo

## **Moments**

### **Prose:**

- Lesson 1: The Lost Child  
Lesson 2: The Adventures of Toto  
Lesson 3: Iswararn the Storyteller  
Lesson 4: In the Kingdom of Fools

### ***Portfolio Assignment: July - August :***

1. Write paragraphs on the following topics ( 100-150 words)
  - a. The Person I Admire the Most
  - b. Qualities of a good storyteller.
  - c. Wise enemies are better than foolish friends.
  - d. Humans are equal everywhere.
2. Write a story ( 150- 200 words) and analyse the different elements of story writing from it.

**Note: Full Syllabus of Periodic Assessment 1 will be assessed in Periodic Assessment: 2**

## **Periodic Assessment : 3**

### ***Beehive***

#### **Prose:**

- Lesson 8: Reach for the Top  
Lesson 9: The Bond of Love

#### **Poetry:**

- Poem 8: On Killing a Tree  
Poem 9: The Snake Trying

### ***Portfolio Assignment: October :***

Write article on the following topic ( 100-150 words)

Santosh Yadav and Maria Sharapova are inspirational figures for women.

( Paste pictures of other inspirational women )

**Note: - : The full Syllabus of Periodic Assessment 3 and the following lessons will be assessed in Periodic Assessment 3**

- Lesson 6: My Childhood  
Poem 6: No Men Are Foreign

## **Final Examination**

### ***Beehive***

#### **Prose:**

- Lesson 10: Kathmandu  
Lesson 11: If I Were You  
Poem 10: A Slumber Did My Spirit Seal

## **Moments**

### **Prose:**

- Lesson 5: The Happy Prince  
Lesson 6: Weathering the Storm in Ersama  
Lesson 7: The Last Leaf  
Lesson 8: A House Is Not a Home  
Lesson 9: The Accidental Tourist  
Lesson 10: The Beggar

### ***Portfolio Assignment: December :***

Write articles on the following topics (100-150 words)

- a. A pet is a perfect companion.
- b. Love needs sacrifice.
- c. Problems that the teenagers face.

**Note: - Full Syllabus of Periodic Assessment 1, 2 & 3 will be assessed in the Final Examination.**

पाठ्यक्रम 2021-2022

कक्षा-नवमी

विषय-हिन्दी

पुस्तकें-पाठ्यक्रम 'अ' के लिए

1. क्षितिज-भाग-1 -एन.सी.ई.आर.टी
2. कृतिका- पूरकपुस्तिका -भाग-1-एन.सी.ई.आर.टी
3. व्याकरण प्रवाह - फुल मार्क्स प्रा० लि०

सत्रीय परीक्षा -1

क्षितिज-भाग-1 (गद्य-खंड)

पाठ-1. प्रेमचंद-दो बैलों की कथा

( काव्य-खंड )

- कबीर-पहला सबद (दूसरा सबद deleted)

व्याकरण

- 1.शब्द निर्माण-उपसर्ग ,प्रत्यय
- 2.अर्थ की दृष्टि से वाक्य भेद

पोर्टफोलियो हेतु कार्य-

अप्रैल-मई-जून

1. ग्रीष्मावकाश कार्य कीजिए।

ग्रीष्मावकाश गृहकार्य

1. अनुच्छेद कीजिए  
(क) कोरोना का कहर  
(ख) बालश्रम की समस्या  
(ग) अतिथि देवोभव :  
(घ) साम्प्रदायिक सद्भाव
2. दो औपचारिक व दो अनौपचारिक पत्र लिखिए।
3. अपनी किसी यात्रा का वर्णन कीजिए। (लिखित एवं मौखिक)
4. अर्थ के आधार पर आठ प्रकार के वाक्यों के पाँच-पाँच उदाहरण लिखिए।
5. प्रथम सत्रीय परीक्षा का पाठ्यक्रम दोहराइए।

कक्षा परीक्षा

क्षितिज-भाग-1 (गद्य-खंड)

पाठ-2.राहुल सांकृत्यायन-ल्हासा की ओर

( काव्य-खंड )

कबीर - साखियाँ एवं पहला सबद

व्याकरण

1. शब्द निर्माण - उपसर्ग , प्रत्यय
- 2.अलंकार- अनुप्रास,यमक,श्लेष,उपमा,रूपक,उत्प्रेक्षा,अतिशयोक्ति एवं मानवीकरण
3. अर्थ की दृष्टि से वाक्य भेद

पोर्टफोलियो हेतु कार्य-

जुलाई-

1. टी.वी के विभिन्न चैनलों जैसे एनिमल किंगडम , डिस्कवरी चैनल, एनिमल प्लैनेट आदि पर दिखाए जाने वाले कार्यक्रमों की सूची बनाकर, किसी एक कार्यक्रम के एक पशु व पक्षी का चित्र लगाकर उसके विषय में लिखिए।
2. अनुच्छेद लिखिए – सत्संगति का महत्व
3. सिक्किम पर आधारित एक ब्राशर बनाइए।

### सत्रीय परीक्षा –2

#### क्षितिज-भाग-1 (गद्य-खंड )

पाठ –4 जाबिर हुसैन –साँवले सपनों की याद

पाठ – 5 नाना साहब की पुत्री देवी मैना को भस्म कर दिया गया।

पाठ-6. हरिशंकर परसाई-प्रेमचंद के फटे जूते

( काव्य-खंड )

- रसखान सवैये
- ललदयद –वाख
- माखनलाल चतुर्वेदी –कैदी और कोकिला

#### कृतिका भाग-1

पाठ –2 मृदला गर्ग –मेरे संग की औरतें

#### व्याकरण

1. शब्द निर्माण-उपसर्ग , प्रत्यय, समास
2. अलंकार
3. अर्थ की दृष्टि से वाक्य भेद
4. पत्र लेखन
5. अनुच्छेद लेखन
6. संवाद लेखन
7. अपठित गद्यांश

#### पोर्टफोलियो हेतु कार्य-

अगस्त –

1. गणतंत्र-दिवस पर बहादुरी का पुरस्कार जीतने वाले किसी एक बच्चे के विषय में लिखकर उसकी फोटो लगाइए।
2. अनुच्छेद लिखिए – दिल्ली मेट्रो

नोट:- सत्रीय परीक्षा 1 एवं कक्षा –परीक्षा का सम्पूर्ण पाठ्यक्रम सत्रीय परीक्षा 2 में सम्मिलित किया जाएगा।

### सत्रीय परीक्षा –3

#### क्षितिज-भाग-1 (गद्य-खंड )

पाठ-7. महादेवी वर्मा- मेरे बचपन के दिन

( काव्य-खंड )

- केदारनाथ अग्रवाल – चंद्रगहना से लौटती बेर
- सर्वेश्वर दयाल सक्सेना – मेघ आए

#### व्याकरण

1. शब्द निर्माण – उपसर्ग , प्रत्यय , समास
2. अर्थ की दृष्टि से वाक्य भेद
3. अलंकार

#### पोर्टफोलियो हेतु कार्य-

अक्टूबर –

1. मौलिक कहानी लिखिए व सुनाइए।
2. अनुच्छेद लिखिए – परिश्रम और सफलता

### शीतावकाश गृहकार्य

1. कक्षा में कराए गए सभी अलंकारों के दस-दस उदाहरण लिखिए।
2. सम्पूर्ण पाठ्यक्रम दोहराइए।

### वार्षिक परीक्षा

#### क्षितिज भाग – 1 (काव्य खंड)

- चंद्रकांत देवताले – यमराज की दिशा
  - राजेश जोशी—बच्चे काम पर जा रहे हैं
- कृतिका भाग –1
- पाठ—3 जगदीश चंद्र माथुर – रीढ़ की हड्डी
- पाठ –4 विद्यासागर नौटियाल—माटी वाली
- व्याकरण
1. शब्द निर्माण— उपसर्ग, प्रत्यय, समास
  2. अर्थ की दृष्टि से वाक्य भेद
  3. अलंकार
  4. संवाद लेखन
  5. अनुच्छेद लेखन
  6. पत्र लेखन
  7. अपठित गद्यांश

#### पोर्टफोलियो हेतु कार्य—

नवम्बर—

1. अपने सम्पर्क में आने वाले किसी ऐसे व्यक्ति की वेशभूषा का वर्णन कीजिए, जिससे आप प्रभावित हों।
2. सिक्किम पर आधारित एक लघुकथा लिखिए।
3. अनुच्छेद लिखिए – नारी और नौकरी

नोट :- पूरे वर्ष का पाठ्यक्रम वार्षिक परीक्षा में सम्मिलित किया जाएगा।

## SYLLABUS FOR IX CLASS 2021-22

Booklist- Mathematics : (i) Text Book For Class IX – N.C.E.R.T  
(ii) Exemplar Problems – N.C.E.R.T

### Periodic Assessment -1

Chapter-14 Statistics  
Chapter-15 Probability

### Activities

1. To construct square root spiral using colourful threads.
2. To factorise quadratic expression  $x^2 + 10x + 21$  geometrically.

### Summer Vacation Assignment

Project- ART INTEGRATED PROJECT BASED ON SIKKIM  
Class Test

Chapter-1 Number System

### Periodic Assessment-2

Chapter-6 Lines And Angles  
Chapter-7 Triangles  
Chapter -2 Polynomials  
Chapter -3 Coordinate Geometry

### Activities

1. To verify that perpendicular bisectors of the sides a triangle are concurrent by paper folding method. Also find the position of circumcentre in acute , right and obtuse triangles.
2. ART INTEGRATED ACTIVITY BASED ON THE SYLLABUS

Note : Full Syllabus of Periodic Assessment -1 will be assessed in Periodic Assessment-2 .  
Periodic Assessment -3

Chapter 12 Herons Formula  
Chapter 13 Surface Areas And Volumes

Note :

Periodic Test 3 Will Also Include Chapter – 12 (Herons Formula)  
Final Exam

Chapter-4 Linear Equations In Two Variables  
Chapter-8 Quadrilaterals  
Chapter-9 Areas Of Parallelograms And Triangles  
Chapter-5 Euclid's Geometry (Not for Assessment)  
Chapter 11 Constructionss  
Chapter 10 Circles

### Activities

1. To verify that parallelograms having same base and between the same parallels are equal.
2. To verify that the angle subtended by an arc at the centre is double the angle subtended by it in the remaining part the circle .
3. PORTFOLIO

Note : Full syllabus of Periodic Assessment 1, 2,3 will be included in Final Examination.

# SYLLABUS (2021-22)

Subject: Science

Class IX

## Book List

1. Textbook of Science Class 9
2. JPH Science Lab Manual Class IX house (Pvt. Ltd)

Publisher

N.C.E.R.T.

Jiwan Publishing

## Periodic Assessment – 1

Chapter 2 : Is matter around us pure

Chapter 12 : Sound

Chapter 5 : The fundamental unit of life

## Summer Break Assignment

1. Worksheet on : Is matter around us pure and Sound.
2. Worksheet on : Natural Resources.
3. Read and learn the above topics.
4. **Portfolio** : Write about the life and work of scientists in the field of Physics, Chemistry and Biology

## Class Test

Chapter 8 : Motion

Chapter 1 : Matter in our surroundings

Chapter 14 : Natural Resources

## Periodic assessment –2

Chapter 9 : Force and laws of motion

Chapter 6 : Tissues

**NOTE**: Full syllabus of Periodic Assessment-1 and Class Test will also be assessed in Periodic Assessment-2.

## Periodic assessment –3

Chapter 10 : Gravitation

Chapter 4 : Structure of atom

Chapter 15 : Improvement in food resources

**Portfolio** : Show with the help of an activity :-

1 (a) Particles of matter are very small.

(b) Gases have the highest compressibility when compared to solids and liquids.

2 (a) Sound produces in the form of vibrations. Use a tuning fork, a glass tumbler

and water.

(b) Demonstrate Inertia using a glass tumbler, a stiff playing card and a five rupee coin.

3 (a) Osmosis in raisins

(b) Life cycle of mosquito

NOTE: Chapter 1: Matter in our surroundings and Chapter 5 The Fundamental Unit of Life will also be assessed in Periodic Assessment-3.

### Winter Break Assignment

1. Assignment on : Gravitation, Structure of atom.
2. Read and learn the above topics.

### Final Examination

Chapter 3 : Atoms and Molecules

Chapter 11 : Work and Energy

Chapter 7 : Diversity in living organisms

Chapter 13 : Why do we fall ill

NOTE: Full syllabus of Periodic Assessment-1,2,3 & Class Test will also be assessed in Final Examination.

### List of Experiments :

1. To prepare
  - a) a true solution of common salt, sugar and alum
  - b) a suspension of soil, chalk powder and fine sand in water
  - c) a colloid of starch in water and distinguish between these on the basis of
    - Transparency
    - filtration criterion
    - stability
2. Separate the components of a mixture of sand, common salt and ammonium chloride (or camphor).
3. Perform the following reactions and classify them as physical or chemical changes.
  - a) Iron with copper sulphate solution in water.
  - b) Burning of magnesium in air.
  - c) Zinc with dilute sulphuric acid
  - d) Heating of copper sulphate crystals
  - e) Sodium sulphate with barium chloride in the form of their solutions in water.
4. Preparation of:
  - a) a mixture
  - b) a compoundusing iron filings and sulphur powder and distinguish between these on the basis of:
  - appearance i.e., homogeneity and heterogeneity
  - behaviour towards a magnet
  - behaviour towards carbon disulphide as a solvent.

- effect of heat.
5. Verification of the laws of reflection of sound.
  6. Determination of the speed of a pulse propagated through a stretched string/slinky (helical spring).
  7. Determination of the melting point of ice and the boiling point of water.
  8. Determination of the density of solid (denser than water) by using a spring balance and a measuring cylinder.
  9. Establish the relation between the loss in weight of a solid when fully immersed in:
    - a) tap water
    - b) strongly salty water,with the weight of water displaced by it.
  10. Verification of the law of conservation of mass in a chemical reaction.
  11. Preparation of stained temporary mounts of:
    - a) onion peel
    - b) human cheek cellsand to record observations. Draw their labelled diagrams.
  12. Identification of Parenchyma, Collenchyma and Sclerenchyma tissues in plants; striped, smooth and cardiac muscle fibre and nerve cells in animals; from prepared slides. Draw their labelled diagrams.
  13. Study of the characteristics of Spirogyra, Agaricus, Moss, Fern, Pinus (either with male or female cone) and an Angiospermic plant. Draw and give two identifying features of the groups they belong to.
  14. Observe the given pictures/ charts/ models of earthworm, cockroach, bonyfish and bird. For each organism, draw their picture and record.
    - a) one specific feature of its phylum
    - b) one adaptive feature with reference to its habitat.
  15. Study of the external features of root, stem, leaf and flower of monocot and dicot plants.

**BOOK LIST-**

1. India and the contemporary World –I(History) NCERT
2. Contemporary India –I (Geography) NCERT
3. Democratic Politics – I (Political Science) NCERT
4. Economics (Textbook for class IX) (Economics) NCERT
5. Together Towards the Safer India II CBSE (A text book on Disaster Management)

**PERIODIC ASSESSMENT - 1**

**HISTORY:**

Chapter :1 The French Revolution (Unit 1 and 2)

**GEOGRAPHY :**

Chapter:1 India-size and location (Page 1-16)

**POLITICAL SCIENCE:**

Chapter:1 What is Democracy? Why Democracy? (Page 2-7)

**ECONOMICS:**

Chapter:1 The Story of Village Palampur (Page 1-6)

**PORTFOLIO ASSIGNMENT: APRIL**

1. On the political map of India show India and its neighboring countries
2. On the political of India show India states and union territories along with their capitals.
3. On the political map of India locate Tropic of cancer, Standard meridian of India, Island groups of , Arabian sea, Indian Ocean and Bay of Bengal.
4. On outline map of France mark the important places related to French Revolution.
5. “Green Revolution: Boon or Curse”. On an A-4 size sheet make a flowchart clearly highlighting your views. Use pictures.

**Summer Vacations Homework - Project on Disaster Management (Individual activity)**

**CLASS TEST-1**

**HISTORY:**

Chapter-1 The French Revolution (Unit 3 to 6)

**GEOGRAPHY**

Chapter-2 Physical Features of India (Page 7-10) (Only Himalayan Mountains)

**POLITICAL SCIENCE**

Chapter-1 What is Democracy? Why Democracy? (Page 8-15)

**ECONOMICS**

Chapter-1 The Story of Village Palampur (Page7-13)

**PERIODIC ASSESSMENT - 2**

**HISTORY:**

Chapter :3 Nazism and the Rise of Hitler

**GEOGRAPHY:**

Chapter : 2 Physical features of India (Page 7-16)

Chapter : 3 Drainage(Page 17-25)

**POLITICAL SCIENCE :**

Chapter: 3 Constitutional Design

Chapter : 4 Electoral Politics

**ECONOMICS:**

Chapter : 2 People as Resource

**PORTFOLIO ASSIGNMENT: JULY - AUGUST**

1. On the political map of India show the six major physiographic divisions of India.
2. On the political map of India locate and label major Himalayan peaks, Important coast of India, The peninsular plateaus and important peaks in the southern India.
3. On the political map of India show the major Rivers of India.
4. Make a pamphlet of your party for the purpose of Elections showing party name, symbol and manifesto.
5. On Political map of world mark the places associated with WWII.

**PERIODIC ASSESSMENT - 3****HISTORY:**

Chapter : 2 Socialism in Europe and the Russian Revolution (Unit 1 &2 )

**GEOGRAPHY:**

Chapter: 4 Climate

**POLITICAL SCIENCE:**

Chapter: 6 Democratic Rights (Page 74-78)

**ECONOMICS:**

Chapter :3 Poverty as a Challenge (Page 29-32)

**PORTFOLIO ASSIGNMENT: OCTOBER**

1. On the political map of India show different types of vegetation found in India
2. On the political map of India locate and label wild life sanctuaries and national parks of India
3. On the Political map of world mark the countries involved in WWI.
4. On A-3 size sheet, make a chart showing the link of the following issues with poverty.  
a) Unemployment b) Child Labor

**ANNUAL EXAMINATION****HISTORY:**

Chapter 2: Socialism in Europe and the Russian Revolution (Unit 3-5)

Chapter 4: Forest Society and Colonialism

**GEOGRAPHY:**

Chapter 5: Natural Vegetation and Wildlife (Page 42-52)

Chapter 6: Population (Page 53-62)

**POLITICAL SCIENCE:**

Chapter 5: Working of Institutions

Chapter 6: Democratic Rights (Page 79-88)

**ECONOMICS:**

Chapter 3: Poverty as a Challenge (Page 33-40)

Chapter 4: Food Security in India

**Note: -**

**Full Syllabus of Periodic Assessment 1&2 will be assessed in Periodic Assessment 3.**

**\* Full Syllabus of Periodic Assessment 1,2 & 3 will be assessed in the Final Examination**