

SYLLABUS 2021 - 2022	
CLASS	IX
NAME OF THE SUBJECT	ENGLISH
TEXT BOOKS	BEEHIVE –Textbook for class IX MOMENTS-Supplementary Reader for class IX WORDS AND EXPRESSIONS-I, Workbook GRAMMAR-Integrated Grammar
REFERENCE BOOKS	

SYLLABUS:

S. NO.	UNIT / CHAPTER	DISTRIBUTION OF MARKS
	READING	10
	WRITING AND GRAMMAR	10
	LITERATURE	20
	TOTAL	40
	INTERNAL ASSESSMENT	10
	GRAND TOTAL	50

MONTH: AUGUST 2021	PERCENTAGE OF SYLLABUS COVERED: 14 %
L.R	A Legend of the Northland
	My Childhood
S.R.	In the Kingdom of Fools
W.B.	Unit 4

MONTH: SEPTEMBER 2021	PERCENTAGE OF SYLLABUS COVERED: 7 %
S.R	The Happy Prince
Reading Task	Comprehension Passages
Grammar	Integrated Grammar Exercises

MONTH: OCTOBER 2021	PERCENTAGE OF SYLLABUS COVERED: 14 %
L.R	Packing
	No Men Are Foreign
	Reach for the Top
Writing Task	Descriptive Paragraph (Diary)

MONTH: NOVEMBER 2021	PERCENTAGE OF SYLLABUS COVERED: 10 %
S.R.	Weathering the Storm in Ersama The Last Leaf
Grammar	Integrated Grammar Exercises
W.B.	Unit 7

MONTH: DECEMBER 2021	PERCENTAGE OF SYLLABUS COVERED: 14%
L.R.	On Killing a Tree The Bond of Love
S.R.	A House is not a Home
W.B.	Unit 8,9

MONTH: JANUARY 2022	PERCENTAGE OF SYLLABUS COVERED: 10 %
L.R.	If I Were You The Snake Trying
S.R.	The Beggar

MONTH: FEBRUARY 2022	PERCENTAGE OF SYLLABUS COVERED: 3 %
Reading Task	Comprehension Passages
Grammar	Integrated Grammar Exercises
W.B.	Unit 11

SYLLABUS 2021 - 2022	
CLASS	-नवीं
NAME OF THE SUBJECT	हिंदी-B
TEXT BOOKS	स्पर्श भाग 1, NCERT संचयन भाग 1 NCERT व्याकरण कुंज IX PP publication
REFERENCE BOOKS	

SYLLABUS:

S. NO.	UNIT / CHAPTER	DISTRIBUTION OF MARKS
1	अपठित बोध	10
2	व्याकरण	16
3	पाठ्य पुस्तक	28
4	लेखन	26
5	आंतरिक मूल्यांकन	20

MONTH: AUGUST 2021	PERCENTAGE OF SYLLABUS COVERED: <u>13</u> %
स्पर्श गद्य -एवरेस्ट -मेरी शिखर यात्रा व्याकरण - अर्थ की दृष्टि से वाक्य आंतरिक मूल्यांकन- पोर्टफोलियो	

MONTH: SEPTEMBER 2021	PERCENTAGE OF SYLLABUS COVERED: <u>0</u> %
स्पर्श व्याकरण आंतरिक मूल्यांकन- समस्त पाठ्यक्रम की पुनरावृत्ति	

MONTH: OCTOBER 2021	PERCENTAGE OF SYLLABUS COVERED: <u>10</u> %
स्पर्श पद्य -एक फूल की चाह संचयन -गिल्लू व्याकरण लेखन -अनुच्छेद लेखन आंतरिक मूल्यांकन -सामयिक आकलन	

MONTH: NOVEMBER 2021	PERCENTAGE OF SYLLABUS COVERED: <u>10</u> %
स्पर्श गद्य -तुम कब जाओगे -अतिथि	

संचयन -स्मृति

व्याकरण लेखन - पत्र - लेखन (अनौपचारिक)

आंतरिक मूल्यांकन- बहुविध आकलन

MONTH: DECEMBER 2021

PERCENTAGE OF SYLLABUS COVERED: 10__ %

स्पर्श पद्य -स्तुशब्द रचते हैं हाथ

संचयन - हामिद खां

व्याकरण लेखन -संदेश लेखन ,नारा लेखन

आंतरिक मूल्यांकन- पोर्टफोलियो

MONTH: JANUARY 2022

PERCENTAGE OF SYLLABUS COVERED: _10_ %

स्पर्श गद्य -धर्म की आड़

संचयन -दीये जल उठे

व्याकरण लेखन -संवाद लेखन

आंतरिक मूल्यांकन- श्रवण -लेखन

MONTH: FEBRUARY 2022

PERCENTAGE OF SYLLABUS COVERED: 10__ %

समस्त पाठ्यक्रम की पुनरावृत्ति

SYLLABUS 2021 – 2022	
CLASS	IX
NAME OF THE SUBJECT	MATHS
TEXT BOOKS	TEXT BOOK MATHEMATICS FOR CLASS IX BY N.C.E.R.T.
REFERENCE BOOKS	REFERENCE BOOK EXEMPLAR PROBLEMS BY N.C.E.R.T.

FIRST TERM

S. NO.	UNIT / CHAPTER	DISTRIBUTION OF MARKS
1.	NUMBER SYSTEMS	8
2.	ALGEBRA	5
3.	COORDINATE GEOMETRY	4
4.	GEOMETRY	13
5.	MENSURATION	4
6.	STATISTICS & PROBABILITY	6
	TOTAL	40

MONTH: AUGUST 2021	PERCENTAGE OF 1 ST TERM SYLLABUS COVERED: 28%
<p>CH 7 –TRIANGLES CONGRUENCE OF TRIANGLES CRITERIA FOR CONGRUENCE OF TRIANGLES SOME PROPERTIES OF TRIANGLES SOME MORE CRITERIAS FOR CONGRUENCE OF TRIANGLES</p> <p>CH 12- HERON'S FORMULA AREA OF A TRIANGLE BY HERON FORMULA</p>	

MONTH: SEPTEMBER 2021	PERCENTAGE OF 1 ST TERM SYLLABUS COVERED: 14%
<p>CH 14- STATISTICS COLLECTION AND PRESENTATION OF DATA BAR GRAPH, HISTOGRAMS</p>	

CH 1 – NUMBER SYSTEMS

CH 4- LINEAR EQUATIONS IN TWO VARIABLES

CH 3 -COORDINATE GEOMETRY

CH 6-LINES AND ANGLES

(Above chapters of first term, competed before August)

SECOND TERM

S. NO.	UNIT / CHAPTER	DISTRIBUTION OF MARKS
1.	ALGEBRA(Cont.)	12
2.	GEOMETRY(Cont.)	15
3.	MENSURATION(Cont.)	9
4.	STATISTICS & PROBABILITY(Cont.)	4
	TOTAL	40

MONTH: OCTOBER 2021	PERCENTAGE OF 2ND TERM SYLLABUS COVERED: 25%
<p>CH 8-QUADRILATERAL ANGLE SUM PROPERTY OF A QUADRILATERAL TYPES OF QUADRILATERAL PROPERTIES OF A PARALLELOGRAM ANOTHER CONDITION FOR A QUADRILATERAL TO BE A PARALLELOGRAM MID POINT THEOREM</p> <p>CH 10 - CIRCLE CIRCLE AND ITS RELATED TERMS ANGLE SUBTENDED BY A CHORD AT A POINT PERPENDICULAR FROM THE CENTRE TO A CHORD</p>	

MONTH: NOVEMBER 2021	PERCENTAGE OF 2ND TERM SYLLABUS COVERED: 25%
<p>CH 10 – CIRCLE (CONTINUED) CIRCLE THROUGH THREE POINTS EQUAL CHORDS AND THEIR DISTANCES FROM THE CENTRE ANGLES SUBTENDED BY AN ARC OF A CIRCLE CYCLIC QUADRILATERALS</p> <p>CH 11-CONSTRUCTIONS BASIC CONSTRUCTIONS CONSTRUCTIONS OF TRIANGLES</p>	

MONTH: DECEMBER 2021	PERCENTAGE OF 2ND TERM SYLLABUS COVERED: 25%
<p>CH 13- SURFACE AREA AND VOLUME SURFACE AREA OF A CUBOID AND A CUBE SURFACE AREA OF RIGHT CIRCULAR CYLINDER SURFACE AREA OF RIGHT CIRCULAR CONE SURFACE AREA OF SPHERE VOLUME OF A CUBOID AND CUBE VOLUME OF A CYLINDER VOLUME OF RIGHT CIRCULAR CONE VOLUME OF A SPHERE</p>	

MONTH: JANUARY 2022	PERCENTAGE OF 2ND TERM SYLLABUS COVERED: 25%
CH 15 – PROBABILITY PROBABILITY-AN EXPERIMENTAL APPROACH CH 2 –POLYNOMIALS (<i>REVISION, AS ALREADY COMPLETED IN TERM-1</i>) POLYNOMIALS IN ONE VARIABLE ZERO OF A POLYNOMIAL FACTORIZATION OF POLYNOMIALS ALGEBRAIC IDENTITIES	

MONTH: FEBRUARY 2022	PERCENTAGE OF SYLLABUS COVERED: NIL
REVISION	

**SYLLABUS
CLASS IX
G. SCIENCE**

Text Book : NCERT

Reference Book (if any) : SECONDARY PHYSICS(APC)
SECONDARY CHEMISTRY (APC)

Subject SCIENCE

FIRST TERM

APRIL AND MAY

MOTION

MATTER ITS NATURE AND BEHAVIOUR

JUNE

MATTER ITS NATURE AND BEHAVIOUR

MOTION (CONTD.)

JULY

IS MATTER AROUND US PURE-CHAPT-2

FORCE AND NEWTONS LAWS.

Ch. 5 The fundamental unit of life

AUGUST

IS MATTER AROUND US PURE-CONTINUED

FORCE AND NEWTONS LAWS.(CONTD.)

Ch. 5 The fundamental unit of life (Cont.)

Ch. 6 Tissue

SEPTEMBER

: Ch. 6 Tissue –(CONT)

REVISION

SECOND TERM

OCTOBER

ATOMS AND MOLECULES

GRAVITATION

Ch. 13 Why do we fall ill?

NOVEMBER

ATOMS AND MOLECULES-CONTINUED

GRAVITATION (CONTD.)

WORK ,

Ch. 13 Why do we fall ill? (Cont.)

DECEMBER

ATOMS AND MOLECULES

STRUCTURE OF ATOMS

WORK, ENERGY AND POWER(CONTD.)

Ch. 13 Why do we fall ill? (Cont.)

Ch 14 Natural Resources – Biogeochemical Cycles

JANUARY

STRUCTURE OF ATOMS

WORK, ENERGY AND POWER(CONTD.)

Ch. 14 Natural Resources – Biogeochemical Cycles(contd) till 14.3

FEBRUARY

: REVISION

PRACTICALS.

TERM I

NO PRACTICAL-PHYSICS

CHEMISTRY

1. Preparation of:

- a) a true solution of common salt, sugar and alum
- b) a suspension of soil, chalk powder and fine sand in water
- c) a colloidal solution of starch in water and egg albumin/milk in water and distinguish between these on the basis of
 - transparency
 - filtration criterion
 - stability

Unit-I: (Chapter -2)

2. Preparation of

- a) A mixture
 - b) A compound
- using iron filings and sulphur powder and distinguishing between these on the basis of:
- i. appearance, i.e., homogeneity and heterogeneity
 - ii. behaviour towards a magnet

3. Perform the following reactions and classify them as physical or chemical changes

- a.) Reaction of iron with copper sulphate
- b) Burning of magnesium ribbon 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.

BIOLOGY

1. Preparation of stained temporary mounts of (a) onion peel, (b) human cheek cells & to record observations and draw their labeled diagrams.

2. Identification of Parenchyma, Collenchyma and Sclerenchyma tissues in plants, striped, smooth and cardiac muscle fibers and nerve cells in animals from prepared slides. Drawing of their labeled diagrams.

TERM-II

LIST OF EXPERIMENTS

1. Determination of the density of solid (denser than water) by using a spring balance and a measuring cylinder. Unit-III:(Chapter–10)
2. Establishing 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 by taking at least two different solids.Unit-III:(Chapter–10)

CHEMISTRY

1. Verification of the law of conservation of mass in a chemical reaction.**Unit-I:(Chapter–3)**

SYLLABUS 2021 - 2022	
CLASS	IX
NAME OF THE SUBJECT	HISTORY AND POLITICAL SCIENCE
TEXT BOOKS	INDIA AND THE CONTEMPORARY WORLD -1 NCERT DEMOCRATIC POLITICS- I NCERT
REFERENCE BOOKS	ALL IN ONE SOCIAL SCIENCE CLASS IX S.CHAND SOCIAL SCIENCE CLASS IX

SYLLABUS:

TERM 1		
S. NO.	UNIT / CHAPTER	DISTRIBUTION OF MARKS
1	India and the Contemporary World -I	10
2	Democratic Politics – I	10
TERM 2		
1	India and the Contemporary World -I	10
2	Democratic Politics – I	10

TERM 1

MONTH: AUGUST 2021	PERCENTAGE OF SYLLABUS COVERED: 20%
HISTORY- CHAPTER 1 FRENCH REVOLUTION	
POL.SC.–CHAPTER -1 WHAT IS DEMOCRACY AND WHY DEMOCRACY	

MONTH: SEPTEMBER 2021	PERCENTAGE OF SYLLABUS COVERED: 20 %
HISTORY— CHAPTER 1 FRENCH REVOLUTION	
POL.SC. –CHAPTER – 2 CONSTITUTIONAL DESIGN	

TERM 2

MONTH: OCTOBER 2021	PERCENTAGE OF SYLLABUS COVERED: 15%
HISTORY- CHAPTER 3 NAZISM AND THE RISE OF HITLER	
POL.SC. - CHAPTER - 3 ELECTORAL POLITICS	

MONTH: NOVEMBER 2021	PERCENTAGE OF SYLLABUS COVERED: 15%
HISTORY- CHAPTER 3 NAZISM AND THE RISE OF HITLER (contd.)	
POL.SC.–CHAPTER – 3. ELECTORAL POLITICS (contd.)	

MONTH: DECEMBER 2021	PERCENTAGE OF SYLLABUS COVERED: 15%
HISTORY – CHAPTER SOCIALISM IN EUROPE AND RUSSIAN REVOLUTION (contd.)	
POL.SC. – CHAPTER -4 WORKING OF INSTITUTIONS	

MONTH: JANUARY 2022	PERCENTAGE OF SYLLABUS COVERED: 10%
HISTORY – SOCIALISM IN EUROPE AND RUSSIAN REVOLUTION (contd.)	
POL.SC. – CHAPTER 4 WORKING OF INSTITUTIONS (contd.)	

MONTH: FEBRUARY 2022	PERCENTAGE OF SYLLABUS COVERED: 5%
POL.SC. – CHAPTER 4 WORKING OF INSTITUTIONS	
REVISION	

SYLLABUS 2021 - 2022	
CLASS	IX
NAME OF THE SUBJECT	GEOGRAPHY
TEXT BOOKS	India and the Contemporary World -1
REFERENCE BOOKS	-

SYLLABUS:

S. NO.	UNIT / CHAPTER	DISTRIBUTION OF MARKS
	TERM -I	
1.	India • Size and Location • India and the World • India's Neighbours	NA
2.	Physical Features of India • Major Physiographic Divisions	
	TERM II	
3.	Drainage • Major rivers and tributaries • Lakes • Role of rivers in the economy • Pollution of rivers Note: Only Map Items as given in the Map List from this chapter to be evaluated in Examination.	
4.	Climate • Concept • Climatic Controls • Factors influencing India's climate • The Indian Monsoon • Distribution of Rainfall • Monsoon as a unifying bond	
5.	Natural Vegetation and Wild Life • Factors affecting Vegetation, • Vegetation types • Wild Life Conservation	

MONTH: AUGUST 2021	PERCENTAGE OF SYLLABUS COVERED: 10_ %
Chapter 2-Physical features -Coastal plains , Islands	

MONTH: SEPTEMBER 2021	PERCENTAGE OF SYLLABUS COVERED: 5_ %
<p>MAP WORK:Chapter -2: Physical Features of India • Mountain Ranges: The Karakoram, The Zasker, The Shivalik, The Aravali, The Vindhya, The Satpura, Western & Eastern Ghats • Mountain Peaks – K2, Kanchan Junga, Anai Mudi • Plateau - Deccan Plateau, Chotta Nagpur Plateau, Malwa Plateau • Coastal Plains - Konkan, Malabar, Coromandel & Northern Circar</p> <p>REVISION-CH 1,2</p>	

MONTH: OCTOBER 2021	PERCENTAGE OF SYLLABUS COVERED: <u>15</u> %
<p>CH 3. Drainage • Major rivers and tributaries • Lakes • Role of rivers in the economy • Pollution of rivers(Note: Only Map Items as given in the Map List from this chapter to be evaluated in Examination.)</p> <p>MAP WORK:Chapter -3: Drainage • Rivers: (Identification only) o The Himalayan River Systems- The Indus, The Ganges, and The Satluj o The Peninsular rivers-The Narmada, The Tapi, The Kaveri, The Krishna, The Godavari, The Mahanadi • Lakes: Wular, Pulicat, Sambhar, Chilika</p> <p>CH 4. Climate • Concept • Climatic Controls</p>	

MONTH: NOVEMBER 2021	PERCENTAGE OF SYLLABUS COVERED: <u>10</u> %
<p>CH 4. Climate • Factors influencing India's climate • The Indian Monsoon • Distribution of Rainfall • Monsoon as a unifying bond</p>	

MONTH: DECEMBER 2021	PERCENTAGE OF SYLLABUS COVERED: <u>10</u> %
<p>CH 4. Climate • Monsoon as a unifying bond MAP WORK:Chapter - 4: Climate • Areas receiving rainfall less than 20 cm and over 400 cm (Identification only) CH. 5-Types of vegetation , climate, Ecosystem, tropical evergreen & deciduous</p>	

MONTH: JANUARY 2022	PERCENTAGE OF SYLLABUS COVERED: <u>15</u> %
<p>CH. 5- Types of Natural vegetation: Thorn, Montane , Mangrove, wildlife ,steps taken by government for Conservation</p> <p>MAP WORK: Chapter - 5: Natural Vegetation and Wild Life • Vegetation Type: Tropical Evergreen Forest, Tropical Deciduous Forest, Thorn Forest, Montane Forests and Mangrove- For identification only • National Parks: Corbett, Kaziranga, Ranthambor, Shivpuri, Kanha, Simlipal & Manas • Bird Sanctuaries: Bharatpur and Ranganthitto • Wild Life Sanctuaries: Sariska, Mudumalai, Rajaji, Dachigam (Location and Labelling)</p>	

MONTH: FEBRUARY 2022	PERCENTAGE OF SYLLABUS COVERED: <u> </u> %
<p>REVISION-CH.4,5</p>	

SYLLABUS 2021 - 2022	
CLASS	IX
NAME OF THE SUBJECT	ECONOMICS
TEXT BOOKS	ECONOIMCS- NCERT
REFERENCE BOOKS	-

SYLLABUS:

S. NO.	UNIT / CHAPTER	DISTRIBUTION OF MARKS
	TERM I	
1	1. The Story of Village Palampur • Overview • Organization of production • Farming in Palampur • Non-farm activities of Palampur	NIL
2	2. People as Resource • Overview • Economic activities by men and women • Quality of Population • Unemployment	
	UNIT II	
3	3. Poverty as a Challenge • Two typical cases of poverty • Poverty as seen by Social Scientists • Poverty Estimates • Vulnerable Groups • Interstate disparities • Global Poverty Scenario • Causes of Poverty • Anti-poverty measures • The Challenges Ahead	

MONTH: AUGUST 2021	PERCENTAGE OF SYLLABUS COVERED: <u>5</u> %
2. People as Resource • Quality of Population • Unemployment	
REVISION-CH1,2	

MONTH: SEPTEMBER 2021	PERCENTAGE OF SYLLABUS COVERED: _____ %
REVISION-CH1,2	
TERM I EXAM	

MONTH: OCTOBER 2021	PERCENTAGE OF SYLLABUS COVERED: <u>10</u> %
3. Poverty as a Challenge • Two typical cases of poverty	

MONTH: NOVEMBER 2021	PERCENTAGE OF SYLLABUS COVERED: <u> 10 </u> %
3. Poverty as a Challenge • Poverty as seen by Social Scientists • Poverty Estimates • Vulnerable Groups • Interstate disparities	

MONTH: DECEMBER 2021	PERCENTAGE OF SYLLABUS COVERED: <u> 20 </u> %
3. Poverty as a Challenge • Global Poverty Scenario • Causes of Poverty • Anti-poverty measures	

MONTH: JANUARY 2022	PERCENTAGE OF SYLLABUS COVERED: <u> 1 </u> 0%
3. Poverty as a Challenge • The Challenges Ahead	

MONTH: FEBRUARY 2022	PERCENTAGE OF SYLLABUS COVERED: <u> </u> %
REVISION CH3- Poverty as a Challenge	