

SYLLABUS 2022 - 2023	
CLASS	IX
NAME OF THE SUBJECT	ENGLISH
TEXT BOOKS	BEEHIVE- Textbook for class IX MOMENTS- Supplementary Reader for class IX WORDS AND EXPRESSIONS- 1, Workbook GRAMMAR- Integrated Grammar
REFERENCE BOOKS	

SYLLABUS:

S. NO.	UNIT / CHAPTER	DISTRIBUTION OF MARKS
	READING	20
	WRITING AND GRAMMAR	20
	LITERATURE	40
	TOTAL	80
	INTERNAL ASSESSMENT	20
	GRAND TOTAL	100

MONTH: APRIL 2022		PERCENTAGE OF SYLLABUS COVERED: 16.6 %
L.R.	The Fun They Had	
	The Road Not Taken (P)	
S.R.	The Lost Child	
W.B.	Unit 1	
W.T.	Story Writing	
GR-	Integrated Grammar Exercises (Gap-filling/ Editing/ Transformation Exercises)	
READING SKILL-	Comprehension Passage (Discursive and Case-based)	

MONTH: MAY 2022		PERCENTAGE OF SYLLABUS COVERED: 16 %
L.R.	The Sound of Music	
	Wind (P)	
S.R.	The Adventures of Toto	
	Iswaran The Storyteller	
W.T.	Descriptive Paragraph (Person and Event)	
W.B.	Unit-2	

MONTH: JULY 2022		PERCENTAGE OF SYLLABUS COVERED: 8 %
L.R.	The Little Girl	
	Rain on the Roof (P)	
W.B.	Unit-3	

MONTH: AUGUST 2022		PERCENTAGE OF SYLLABUS COVERED: 16 %
L.R.	A Truly Beautiful Mind	
	The Lake of Isle of Innisfree (p)	
	The Snake and the Mirror	

S.R.	In the Kingdom of Fools Integrated Grammar Exercises	
MONTH: SEPTEMBER 2022		PERCENTAGE OF SYLLABUS COVERED: 8 %
L.R.	A Legend of the Northland (p)	
S.R.	The Happy Prince	
W.B.	Unit-4 and 5 Integrated Grammar Exercises	

MONTH: OCTOBER 2022		PERCENTAGE OF SYLLABUS COVERED: 5 %
L.R.	My Childhood	
	Reach for the Top	
GR-	Integrated Grammar Exercises (Gap-filling/ Editing/ Transformation Exercises)	
READING SKILL-	Comprehension Passage (Discursive and Case-based)	
W.T.	Descriptive Paragraph (Situation))	
W.B.	Unit-6	

MONTH: NOVEMBER 2022		PERCENTAGE OF SYLLABUS COVERED: 5 %
L.R.	No Men Are Foreign (p) Integrated Grammar Exercises	
W.B.	Unit-8	

MONTH: DECEMBER 2022		PERCENTAGE OF SYLLABUS COVERED: 16 %
L.R.	Kathmandu	
S.R.	The Last Leaf	
	A House is not a Home	
W.T.	Diary Entry	

MONTH: JANUARY 2023		PERCENTAGE OF SYLLABUS COVERED: 16 %
L.R.	A Slumber Did My Spirit Seal (P) On Killing a Tree (P)	
S.R.	The Beggar	
W.B.	Unit-10	

MONTH: FEBRUARY 2023		PERCENTAGE OF SYLLABUS COVERED: 5 %
L.R.	If I were You	
W.B.	Unit-11	
	Integrated Grammar	

MONTH: MARCH 2023		PERCENTAGE OF SYLLABUS COVERED: _____ %
REVISION		

SYLLABUS 2022 - 2023	
CLASS	IX
NAME OF THE SUBJECT	हिंदी-२
TEXT BOOKS	स्पर्श भाग 2, NCRT संचयन भNCRT व्याकरण कुंज X 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

MONTH: APRIL 2021	PERCENTAGE OF SYLLABUS COVERED: __12.5__ %
स्पर्श- गद्य- 1. दुख का अधिकार पद्य - 1. रैदास संचयन - गिल्लू व्याकरण- 1. शब्द और पद 2. अनुस्वार- अनुनासिक 3. अनुच्छेद 4. उपसर्ग -प्रत्यय	

MONTH: MAY 2021	PERCENTAGE OF SYLLABUS COVERED: __9.5__ %
1. स्पर्श- गद्य-, 1. एवरेस्ट मेरी शिखर यात्रा	

<p>संचयन - गिल्लू</p> <p>व्याकरण। - 1. अपठित गद्यांश</p> <p>2. अनुच्छेद लेखन</p>
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MONTH: JUNE 2021	PERCENTAGE OF SYLLABUS COVERED: ____ %

MONTH: JULY 2021	PERCENTAGE OF SYLLABUS COVERED: ____18.5____ %
<p>स्पर्श- गद्य- 1.तुम कब जाओगे ,अतिथि?</p> <p>पद्य-1. रहीम के दोहे</p> <p>-</p> <p>व्याकरण-। 1. स्वर संधि</p> <p>2. अनुच्छेद लेखन</p> <p>3. अनौपचारिक पत्र लेखन</p> <p>संचयन- 1. स्मृति</p> <p>आंतरिक मूल्यांकन-1. सामयिक आकलन</p> <p>2. बहुविध आकलन</p>	

MONTH: AUGUST 2021	PERCENTAGE OF SYLLABUS COVERED: ____18.5____ %
<p>स्पर्श - गद्य -1. वैज्ञानिक चेतना के वाहक वैकट रामन</p> <p>व्याकरण - 1.संवाद लेखन</p> <p>2. चित्र वर्णन</p> <p>3. विराम चिन्ह</p> <p>4. अर्थ की दृष्टि से वाक्य भेद</p>	

3. अनौपचारिक पत्र लेखन

MONTH: JANUARY 2022

**PERCENTAGE OF SYLLABUS COVERED: __12__
%**

स्पर्श -पद्य-1. खुशबू रचते हैं हाथ
2. नए इलाके में
व्याकरण। -1. अनुच्छेद लेखन
2. अनौपचारिक पत्र

MONTH: FEBRUARY 2022

**PERCENTAGE OF SYLLABUS COVERED: __4__
%**

समस्त पाठ्यक्रम की पुनरावृत्ति

SYLLABUS 2022 - 2023	
CLASS	IX
NAME OF THE SUBJECT	MATHS
TEXT BOOKS	MATHEMATICS FOR CLASS IX BY N.C.E.R.T.
REFERENCE BOOKS	EXEMPLAR PROBLEMS BY N.C.E.R.T.

SYLLABUS:

S. NO.	UNIT / CHAPTER	DISTRIBUTION OF MARKS
1.	NUMBER SYSTEMS	10
2.	ALGEBRA	20
3.	COORDINATE GEOMETRY	04
4.	GEOMETRY	27
5.	MENSURATION	13
6.	STATISTICS AND PROBABILITY	06
	TOTAL	80

MONTH: APRIL 2022	PERCENTAGE OF SYLLABUS COVERED: 20.8 %
CH 1 – NUMBER SYSTEMS RATIONAL NUMBER IRRATIONAL NUMBER REAL NOS. AND THEIR DECIMAL EXPANSIONS OPERATIONS ON REAL NUMBERS LAWS OF EXPONENTS FOR REAL NUMBERS CH 3 -COORDINATE GEOMETRY CARTESIAN SYSTEM CH 4- LINEAR EQUATIONS IN TWO VARIABLES LINEAR EQUATION SOLUTIONS OF LINEAR EQUATIONS .	

MONTH: MAY 2022	PERCENTAGE OF SYLLABUS COVERED: 12.5 %
CH 4- LINEAR EQUATIONS IN TWO VARIABLES (CONTINUED....) EQUATIONS OF LINES PARALLEL TO X-AXIS AND Y-AXIS CH 6-LINES AND ANGLES BASIC TERM AND DEFINITIONS INTERSECTING AND PARALLEL LINES PROOF OF THEOREM 6.1 PAIRS OF ANGLES PARALLEL LINES AND A TRANSVERSAL . LINES PARALLEL TO THE SAME LINES .	

MONTH: JULY 2022	PERCENTAGE OF SYLLABUS COVERED: 8.33 %
CH 7 –TRIANGLES CONGRUENCE OF TRIANGLES CRITERIA FOR CONGRUENCE OF TRIANGLES PROOF OF THEOREM 7.1, 7.2 SOME PROPERTIES OF TRIANGLES SOME MORE CRITERIAS FOR CONGRUENCE OF TRIANGLES	

MONTH: AUGUST 2022	PERCENTAGE OF SYLLABUS COVERED: 16.66 %
CH 13- SURFACE AREA AND VOLUME SURFACE AREA OF RIGHT CIRCULAR CONE SURFACE AREA OF SPHERE VOLUME OF RIGHT CIRCULAR CONE VOLUME OF A SPHERE CH 14- STATISTICS COLLECTION AND PRESENTATION OF DATA BAR GRAPH, HISTOGRAM, FREQUENCY POLYGON	

MONTH: SEPTEMBER 2022	PERCENTAGE OF SYLLABUS COVERED: NIL

MONTH: OCTOBER 2022	PERCENTAGE OF SYLLABUS COVERED:16.66 %
CH 2 -POLYNOMIALS POLYNOMIALS IN ONE VARIABLE ZEROES OF A POLYNOMIAL REMAINDER THEOREM PROOF OF THE FACTOR THEOREM FACTORIZATION OF POLYNOMIALS ALGEBRAIC IDENTITIES CH 12- HERON’S FORMULA AREA OF A TRIANGLE BY HERON FORMULA	

MONTH: NOVEMBER 2022	PERCENTAGE OF SYLLABUS COVERED: 16.66%
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CH 5 INTRODUCTION TO EUCLID'S GEOMETRY

EUCLID'S DEFINITIONS , AXIOMS AND POSTULATES
EQUIVALENT VERSIONS OF EUCLID'S FIFTH POSTULATE
PROOF OF THEOREM 2

CH 8-QUADRILATERAL

ANGLE SUM PROPERTY OF A QUADRILATERAL
TYPES OF QUADRILATERAL
PROPERTIES OF A PARALLELOGRAM
PROOF OF THEOREM 8.1
ANOTHER CONDITION FOR A QUADRILATERAL TO BE A PARALLELOGRAM
MID POINT THEOREM

MONTH: DECEMBER 2022**PERCENTAGE OF SYLLABUS COVERED: 4.1 %****CH 10 - CIRCLE**

CIRCLE AND ITS RELATED TERMS
ANGLE SUBTENDED BY A CHORD AT A POINT
PERPENDICULAR FROM THE CENTRE TO A CHORD
EQUAL CHORDS AND THEIR DISTANCES FROM THE CENTRE
PROOF OF THEOREM 10.1 , THEOREM 10.8

MONTH: JANUARY 2023**PERCENTAGE OF SYLLABUS COVERED: 4.1 %****CH 10 – CIRCLE(continued..)**

ANGLE SUBTENDED BY AN ARC OF A CIRCLE
CYCLIC QUADRILATERALS

MONTH: FEBRUARY 2023**PERCENTAGE OF SYLLABUS COVERED: NIL %**

REVISION

SYLLABUS 2022 - 2023	
CLASS	IX
NAME OF THE SUBJECT	GEOGRAPHY
TEXT BOOKS	India and the Contemporary World -1
REFERENCE BOOKS	TOGETHER WITH

SYLLABUS:

S. NO.	UNIT / CHAPTER
1.	India • Size and Location • India and the World • India's Neighbours
2.	Physical Features of India • Major Physiographic Divisions
3.	Drainage • Major rivers and tributaries • Lakes • Role of rivers in the economy • Pollution of rivers Note:
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
6.	6. Population • Size • Distribution • Population Growth and Process of Population Change

MONTH: APRIL 2022	PERCENTAGE OF SYLLABUS COVERED: 10_ %
Ch.1-India • Size and Location • India and the World • India's Neighbours MP WORK-India-States with Capitals, Tropic of Cancer, Standard Meridian (Location and Labelling) Chapter 2-Physical features -Coastal plains , Islands	

MONTH: MAY 2022	PERCENTAGE OF SYLLABUS COVERED: 10_ %
Chapter 2-Physical features –Major physiographic divisions-Himalayas	

MONTH: JULY 2022	PERCENTAGE OF SYLLABUS COVERED: 10_ %
Ch. 2-Physical features - Northern plains, Plateaus, Coastal plains ,Islands 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

MONTH: AUGUST 2022	PERCENTAGE OF SYLLABUS COVERED: 10_ %
Ch. 3. Drainage • Major rivers and tributaries • Lakes • Role of rivers in the economy • Pollution of rivers	
MAP WORK:Chapter -3: Drainage • Rivers: 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	

MONTH: SEPTEMBER 2022	PERCENTAGE OF SYLLABUS COVERED: 5_ %
Chapter4-Climate: Climatic controls, Factors affecting climate, Indian monsoons-Onset & Withdrawal	
REVISION-CH 1,2,3	

MONTH: OCTOBER 2022	PERCENTAGE OF SYLLABUS COVERED: _15_ %
CH 4. Climate- Indian monsoons-Onset & Withdrawal(continued)	

MONTH: NOVEMBER 2022	PERCENTAGE OF SYLLABUS COVERED: 10__ %
CH 4. Climate • Distribution of Rainfall • Monsoon as a unifying bond	
MAP WORK:Chapter - 4: Climate • Areas receiving rainfall less than 20 cm and over 400 cm	
CH. 5-Types of vegetation , Ecosystem	

MONTH: DECEMBER 2022	PERCENTAGE OF SYLLABUS COVERED: 10__ %
CH. 5-Types of vegetation - tropical evergreen, deciduous, Thorn, Montane , Mangrove, wildlife ,steps taken by government for Conservation	
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)

MONTH: JANUARY 2023	PERCENTAGE OF SYLLABUS COVERED: 15_ %
Ch. 6. Population • Size • Distribution	

MONTH: FEBRUARY 2023	PERCENTAGE OF SYLLABUS COVERED: 5 %
6. Population • Population Growth and Process of Population Change Map work- • The state having highest and lowest density of population • The state having highest and lowest sex ratio • Largest and smallest state according to area REVISION-CH.4,5,6	

SYLLABUS 2022 - 2023	
CLASS	IX
NAME OF THE SUBJECT	ECONOMICS
TEXT BOOKS	ECONOMICS- NCERT
REFERENCE BOOKS	-

SYLLABUS:

S. NO.	UNIT / CHAPTER	DISTRIBUTION OF MARKS
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	
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	
4.	4. Food Security in India • Overview • What is Food Security? • Why Food Security? • Who are food insecure?	

MONTH: APRIL 2022	PERCENTAGE OF SYLLABUS COVERED: 10_ %
Ch.1. The Story of Village Palampur • Overview • Organization of production	

MONTH: MAY 2022	PERCENTAGE OF SYLLABUS COVERED: 10_ %
Ch.1. The Story of Village Palampur • Farming in Palampur	

MONTH: JULY 2022	PERCENTAGE OF SYLLABUS COVERED: 10_ %
Ch.1. The Story of Village Palampur • Non-farm activities of Palampur	

MONTH: AUGUST 2022	PERCENTAGE OF SYLLABUS COVERED: _5_ %
Ch 2. People as Resource • Overview • Economic activities by men and women • Quality of Population	
REVISION-CH1,2	

MONTH: SEPTEMBER 2022	PERCENTAGE OF SYLLABUS COVERED: 10_ %
Ch 2. People as Resource • Unemployment	
REVISION-CH1,2	

MONTH: OCTOBER 2022	PERCENTAGE OF SYLLABUS COVERED: 10__ %
Ch 3. Poverty as a Challenge • Two typical cases of poverty • Poverty as seen by Social Scientists • Poverty Estimates • Vulnerable Groups	

MONTH: NOVEMBER 2022	PERCENTAGE OF SYLLABUS COVERED: _10_ %
Ch 3. Poverty as a Challenge • Interstate disparities • Global Poverty Scenario • Causes of Poverty	

- Anti-poverty measures

MONTH: DECEMBER 2022

PERCENTAGE OF SYLLABUS COVERED: __20__%

Ch 3. Poverty as a Challenge • The Challenges Ahead

MONTH: JANUARY 2023

PERCENTAGE OF SYLLABUS COVERED: _10%

Ch 4. Food Security in India • Overview • What is Food Security ? • Why Food Security? • Overview • What is Food Security? • Why Food Security? • Who are food insecure?

MONTH: FEBRUARY 2023

PERCENTAGE OF SYLLABUS COVERED: 5 %

Ch 4. Food Security in India • What is Buffer Stock? • What is the Public Distribution System? • Current Status of Public Distribution System • Role of Cooperatives in food security
REVISION CH. 1-4

SYLLABUS 2022 - 2023	
CLASS	IX
NAME OF THE SUBJECT	HISTORY AND POLITICAL SCIENCE
TEXT BOOKS	INDIA AND THE CONTEMPORARY WORLD -1 NCERT DEMOCRATIC POLITICS- I NCERT <i>Note: Please procure latest reprinted edition (2021) of prescribed NCERT textbooks.</i>
REFERENCE BOOKS	ALL IN ONE SOCIAL SCIENCE CLASS IX S. CHAND SOCIAL SCIENCE CLASS IX

SYLLABUS:

S. NO.	UNIT / CHAPTER
HISTORY	CHAPTER 1 FRENCH REVOLUTION
	CHAPTER 3 NAZISM AND THE RISE OF HITLER
	CHAPTER 2 SOCIALISM AND RUSSIAN REVOLUTION
	CHAPTER -4 FOREST SOCIETY AND COLONIALISM
	CHAPTER- 5 Pastoralists in the Modern World
POLITICAL SCIENCE	CHAPTER -1 WHAT IS DEMOCRACY AND WHY DEMOCRACY
	CHAPTER – 2 CONSTITUTIONAL DESIGN
	CHAPTER –3. ELECTORAL POLITICS
	CHAPTER -4 WORKING OF INSTITUTIONS
	CHAPTER 5 DEMOCRATIC RIGHTS

MONTH: APRIL 2022	PERCENTAGE OF SYLLABUS COVERED: 10%
HISTORY- CHAPTER 1 FRENCH REVOLUTION POL.SC. –CHAPTER -1 WHAT IS DEMOCRACY AND WHY DEMOCRACY (INTRO)	

MONTH: MAY 2022	PERCENTAGE OF SYLLABUS COVERED: 5%
HISTORY- CHAPTER 1 FRENCH REVOLUTION (contd.) POL.SC. –CHAPTER -1 WHAT IS DEMOCRACY AND WHY DEMOCRACY (CONTD.)	

MONTH: JULY 2022	PERCENTAGE OF SYLLABUS COVERED: 15%
HISTORY – CHAPTER 3 NAZISM AND THE RISE OF HITLER POL.SC. –CHAPTER - 1 WHAT IS DEMOCRACY AND WHY DEMOCRACY (contd.) POL.SC. –CHAPTER – 2 CONSTITUTIONAL DESIGN	

MONTH: AUGUST 2022	PERCENTAGE OF SYLLABUS COVERED: 15%
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HISTORY— CHAPTER 3 NAZISM AND THE RISE OF HITLER (contd.)

HISTORY- CHAPTER 2 SOCIALISM AND RUSSIAN REVOLUTION (Intro)

POL.SC. – CHAPTER – 2 CONSTITUTIONAL DESIGN (contd.)

POL.SC. – CHAPTER –3. ELECTORAL POLITICS (Intro)

MONTH: SEPTEMBER 2022

PERCENTAGE OF SYLLABUS COVERED: - 5%

POL.SC. - CHAPTER –3. ELECTORAL POLITICS (contd.)

MONTH: OCTOBER 2022

PERCENTAGE OF SYLLABUS COVERED: 10%

HISTORY- CHAPTER 2 SOCIALISM AND RUSSIAN REVOLUTION (cont.)

POL.SC. - CHAPTER –3. ELECTORAL POLITICS (contd.)

MONTH: NOVEMBER 2022

PERCENTAGE OF SYLLABUS COVERED: 10%

HISTORY- CHAPTER- 2 SOCIALISM AND RUSSIAN REVOLUTION (CONTD.)

POL.SC. CHAPTER – 3. ELECTORAL POLITICS (contd.)

MONTH: DECEMBER 2022

PERCENTAGE OF SYLLABUS COVERED: 10%

HISTORY – CHAPTER -4 FOREST SOCIETY AND COLONIALISM (INTRO)

POL.SC. – CHAPTER -4 WORKING OF INSTITUTIONS

MONTH: JANUARY 2023	PERCENTAGE OF SYLLABUS COVERED: 15 %
HISTORY – CHAPTER -4 FOREST SOCIETY AND COLONIALISM (contd.)	
HISTORY – CHAPTER- 5 Pastoralists in the Modern World (INTRO)	
POL.SC. – CHAPTER 4 WORKING OF INSTITUTIONS (contd.)	

MONTH: FEBRUARY 2023	PERCENTAGE OF SYLLABUS COVERED: 5%
HISTORY – CHAPTER-5 Pastoralists in the Modern World (contd.)	
POL.SC. – CHAPTER 5 DEMOCRATIC RIGHTS	
REVISION	

**COURSE
STRUCTURE
CLASS IX
(Annual Examination)**

Marks: 80

Text Book	: NCERT
Reference Book (if any)	: SECONDARY PHYSICS(APC)
	: SECONDARY CHEMISTRY (APC)
	:SECONDARY BIOLOGY(APC)

Unit No.	Unit	Marks
I	Matter - Its Nature and Behaviour	25
II	Organization in the Living World	22
III	Motion, Force and Work	27
IV	Food; Food Production	06
	Total	80
	Internal assessment	20
	Grand Total	100

Month: April And May 2022	Percentage Of Syllabus Covered: 10%
Motion And Matter,Its Nature And Behaviour Ch. 15 Improvement In Food Resources	
Month: July	Percentage Of Syllabus Covered: 20%
Is Matter Around Us Pure-Chapt-2 Force And Newtons Laws. 9CONT) Ch. 15 Improvement In Food Resources (Cont.)	
Month: August	Percentage Of Syllabus Covered: 20%
Is Matter Around Us Pure-Continue Force And Newtons Laws Ch-15 Improvement In Food Resources.(Contd.) Ch. 5 The Fundamental Unit Of Life	
Month: September	Percentage Of Syllabus Covered: 5%
Revision	

Month: October	Percentage Of Syllabus Covered: 20%
Atoms And Molecules Gravitation Ch. 5 The Fundamental Unit Of Life(Cont.) Ch-6 Tissue	
Month: November	Percentage Of Syllabus Covered: 10%
Atoms And Molecules-Continued Gravitation (Contd.) Work And Energy Ch-6 Tissue (Cont.)	
Month: December	Percentage Of Syllabus Covered: 10%
Atoms And Molecules Structure Of Atoms Work, Energy And Power(Contd.) Ch-6 Tissue (Cont.) Ch 14 Natural Resources – Biogeochemical Cycles	
Month: January -February	Percentage Of Syllabus Covered: 5%
Sound Structure Of Atoms(Contd) Ch. 14 Natural Resources –Air ,Water ,Soil,Ozone Biogeochemical Cycles(Cont.) February : Revision	

PRACTICALS.

- Preparation of:
 - a true solution of common salt,sugar and alum
 - a suspension of soil, chalk powder and fine sand in water
 - 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)**
 - Preparation of
 - A mixture
 - 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.

PHYSICS

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)**
2. Determination of melting point of ice and boiling point of water

SYLLABUS 2022 - 2023	
CLASS	IX
NAME OF THE SUBJECT	Visual Art

MONTH: APRIL

Principal of Art (Line, Form, Shape, Colour, Texture, Space.), Still Life.

MONTH: MAY

Nature study.

MONTH: JUNE

Summer Vacation

MONTH: JULY

Nature study, Bird Study

MONTH: AUGUST

Animal Study, Human figure Proportion, Portrait Study.

MONTH: SEPTEMBER

Composition

MONTH: OCTOBER
Landscape Painting

MONTH: NOVEMBER
Indian Folk Art

MONTH: DECEMBER
/Alpana/ Rangoli Design/ Craft

MONTH: JANUARY
Poster Making, Craft work.

MONTH: FEBRUARY
Complete all works

SYLLABUS 2022 - 2023	
CLASS	IX
NAME OF THE SUBJECT	VOCAL DANCE INSTRUMENTAL MUSIC

MONTH: APRIL 2022	PERCENTAGE OF SYLLABUS COVERED: _10%
SATARARAMBH Distribution of students for the Art Education Revision of class VIII SYLLABUS EXPRESSIONS	

MONTH: MAY 2022	PERCENTAGE OF SYLLABUS COVERED: _10 %
Introduction of Fusion Music And Dance Introduction of Alaap, Taan, Palta, Toda, Raag and Taal	

MONTH: JUNE 2022	PERCENTAGE OF SYLLABUS COVERED: _____%
Summer Vacations	

MONTH: JULY 2022	PERCENTAGE OF SYLLABUS COVERED: _10%

VIBGYOR

Introduction and comparison of Western and Classical music/Types of Dances

Classical and Western music Compositions

Preparations for VIBGYOR live stage show

MONTH: AUGUST 2022**PERCENTAGE OF SYLLABUS COVERED: __10 %****PATRIOTIC MUSIC**

Patriotic Songs and Dances

Notation of Jhaptaal , Soul, Waltz Western

Rhythms

Project on Folk Music & dances of India

MONTH: SEPTEMBER 2022**PERCENTAGE OF SYLLABUS COVERED: _10%****ASSIGNMENT**

Practical Test of Music and Dance

MONTH: OCTOBER 2022**PERCENTAGE OF SYLLABUS COVERED: 10 %**

ANNUAL DAY PRACTICES

MONTH: NOVEMBER 2022**PERCENTAGE OF SYLLABUS COVERED: 10 %**

ANNUAL DAY PRACTICES

MONTH: DECEMBER 2022**PERCENTAGE OF SYLLABUS COVERED: _10%****RHYTHM**

Band Formation and Group Formation of Dances

MONTH: JANUARY 2023	PERCENTAGE OF SYLLABUS COVERED: 10 %
Winter Break REPUBLIC DAY PREPARATIONS Assignment Test Project on Eminent Artists or Musical instruments	

MONTH: FEBRUARY 2023	PERCENTAGE OF SYLLABUS COVERED: __10%
PRACTICAL TEST/SPIC MACAY	

CLASS IX
COMPUTER: ICT
2022-23

Textbook: Simple Dose of HTML by Navdeep Publications

APRIL

Chapter 1: Introduction to HTML

MAY

Chapter 2: Creating Web pages using HTML

JULY

Chapter 3: Formatting in HTML

AUGUST

Chapter 4: Adding objects in HTML

SEPTEMBER

Chapter 4: Adding objects in HTML contd.

OCTOBER

Chapter 5: Linking Web pages in HTML

NOVEMBER

Chapter 6: Advance features of HTML

DECEMBER

Chapter 6: Advance features of HTML contd.

JANUARY

Sample Projects of HTML

FEBRUARY

Revision + Project work

Awakened Citizen Programme

CLASS IX

SYLLABUS 2022 -23

S.No	SESSIONS	TOPICS
1	SESSION- I	Awakening Our Human Possibilities -A Recap
2	SESSION- II	Developing Faith in Our Infinite Possibilities Within
3	SESSION- III	Awakening Our Possibilities in Context of the Classroom
4	SESSION- IV	Awakening Our Possibilities in the Context of Play & with friends
5	SESSION- V	Awakening Our Possibilities in the Context of Family
6	SESSION- VI	Awakening Our Possibilities in the Context of Community We Live in
7	SESSION VII	Awakening Our Possibilities in the Context of the Nation
8	SESSION-VIII	Awakening Our Possibilities in Our Career
9	SESSION-IX	Recap & Introduction to the 'Pathways to Awakening'
10	SESSION-X	Pathways to Awakening Pathway 1 : Discrimination
11	SESSION-XI	Pathways to Awakening Pathway 2 : Service
12	SESSION-XII	Pathways to Awakening Pathway 3 : Concentration & Focus
13	SESSION-XIII	Pathways to Awakening Pathway 4 : Same-sightedness
14	SESSION-XIV	Pathways to Awakening Pathway 5 : Positive Engagements
15	SESSION-XV	Pathways to Awakening Pathway 6 : Developed towards our Ideal
16	SESSION-XVI	Program Conclusion

WORK EDUCATION

2022-23

1. FUN WITH EXCEL/ SCIENCE GURU
2. MY OWN KITCHEN GARDEN/ INDOOR OXY BOOSTERS
3. WEB DEVELOPMENT
4. CYBER SECURITY (ONLINE RESPONSIBILITY)
5. INTELLUCTUAL PROPERTY RIGHTS/CYBER SAFETY ACTIVITY
6. ADMAD/ LOGO BOUTIQUE
7. FOOD FESTIA
8. PREPARING HAPPINESS BOX FOR OUR HELPERS
9. KAVI SAMMELAN
10. PUPPET MAKERS

PHYSICAL EDUCATION 2022- 2023

SYLLABUS CLASS IX

Game/sport

APRIL - MAY 2022

1. ONLINE /OFF LINE INTER HOUSE TUG OF WAR

- 2.ONLINE – YOGA** - 1 SITTING ASANA -- NAUKASANA
2 STANDING ASANA . TRIKONASANA,VRIKASANA

ONLINE - AEROBICS

ONLINE – ENDURANCE FITNESS

ONLINE – AGILITY WORKOUT

ONLINE – HIGH INTENSITY WORKOUT

1 LATEST GENERAL RULES OF THE GAMES/SPORTS (ANY ONE GAME/SPORT OF STUDENTS' CHOICE OFFERED BY THE SCHOOL).

GAMES	DESCRIPTIONS
ATHLETIC	1 SHORT DISTANCE RACES – A) 100 MTS, B) 200 MTS.,C) 400 MTS
BASKETBALL	DIMENSION OF COURT,FRONT,BACK COURT RECTRICTED AREA,FREE THROWS
BADMINTON	BASIC SHOTS,ROTATION SYSTEM,
CRICKET	BASIC BOWLING ACTION ,BATTING – GRIP, HOLD, STANCE& FOLLOW THROUGH, BOWING CREASE, BATTING CREASE,POPPING CREASE
CHESS	BASIC RULES OF CHESS,SET UP ,MOVEMENT&CHECK
FOOTBALL	RULES & REGULATIONS OF THE GAME.2. MEASUREMMENT OF THE GROUND.
ROPE SKIPPING	CRISS CROSS
SWIMMING	FLOATING, BREATHING, KICKING, PADDLING, ARM PULL,25 MTS FREE STYLE
TENNIS	GRIP, STANCE, UNDER HAND DRIVE, UNDER ARM SERVICE
VOLLEY BALL	BASIC RULES & REGULATIONS ,SERVING &BLOCKING

JULY 2022

1.ONLINE/OFFLINE INTER HOUSE CRICKET

2 .ONLINE –YOGA DHANURASANA, BHUJANGASANA, VAJRASANA,

ONLINE - AEROBICS

ONLINE – ENDURANCE FITNESS

ONLINE – AGILITY WORKOUT

ONLINE – HIGH INTENSITY WORKOUT

ANY ONE FITNESS TEST

PHYSICAL FITNESS TEST	SIT-UPS, MODIFIED PULL UPS, 1,6 KMTS RUN, 20MTS SHUTTLE RUN , SIT & REACH TEST
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AUGUST to OCTOBER 2022

1. ONLINE/ OFF LINE INTER HOUSE VOLLEY BALL

ONLINE – YOGA --- NATARAJASANA, HALASANA,

ONLINE - AEROBICS

ONLINE – ENDURANCE FITNESS

ONLINE – AGILITY WORKOUT

ONLINE – HIGH INTENSITY WORKOUT

2. FUNDAMENTAL SKILLS OF GAME/SPORT (ANY ONE GAME/SPORT OF STUDENT'S CHOICE OFFERED BY THE SCHOOL).

GAMES
ATHLETIC, BASKETBALL, BADMINTON. CRICKET, CHESS, FOOTBALL, ROPE SKIPPING, SWIMMING, TENNIS& VOLLEY BALL

NOVEMBER 2022

ONLINE/OFFLINE INTER HOUSE CHESS

ONLINE – YOGA - VIRABHADRASANA, TADASANA

ONLINE - AEROBICS

ONLINE – ENDURANCE FITNESS

ONLINE – AGILITY WORKOUT

ONLINE – HIGH INTENSITY WORKOUT

ANY ONE FITNESS TEST

PHYSICAL FITNESS TEST	SIT-UPS, MODIFIED PULL UPS, 1,6 KMTS RUN, 20MTS SHUTTLE RUN , SIT & REACH TEST
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RELATED SPORT TERMINOLOGY USED IN GAMES

GAMES	DESCRIPTIONS OF TERMINOLOGY
ATHLETIC	BATON,DECATHLON, DISCUS . FOSBURY FLOP
BASKETBALL	AIR BALL, ALIVE, BLIND PASS, BLOCKING
BADMINTON	BACK ALLEY, BALK,BIRD,FLICK
CRICKET	APPEAL, ARM BOWL,,BEAMER, CHOP, DUCK
CHESS	RESIGN, CAPTURE, CASTLING ,PROMOTION
FOOTBALL	PUNT KICK, TACKLING, ,CHIP SHOT, BALL TO HAND
ROPE SKIPPING	WOUNDED DUCK , TWISTER,BELL ,
SWIMMING	MEDLEY, ASCEND, LAPS ,DISTANC PER STROKES
TENNIS	ACE,ALLEY,BALLBOYS, CHOP,ELBOW
VOLLEY BALL	ANTENNA, ATTACK RANGE,SPIKEL OLLIPOP SERVE

DECEMBER & JANUARY 2023

1. ONLINE/ OFF LINE INTER HOUSE BADMINTON

2. HEALTH AND PHYSICAL ASSESSMENT (HPE)

3. CBSE TOURNAMENTS PRACTICE & MATCHES

<ul style="list-style-type: none"> GAMES TOURNAMENT
ATHLETIC, BASKETBALL, BADMINTON. CRICKET, CHESS, FOOTBALL, ROPE SKIPPING, SWIMMING, TENNIS& VOLLEY BALL

FEBUARY & MARCH 2023

1. ONLINE/ OFF LINE INTER HOUSE BASKETBALL

2. ONLINE – YOGA - TRIKONASANA ,VRIKSASANA

ONLINE - AEROBICS

ONLINE – ENDURANCE FITNESS

ONLINE – AGILITY WORKOUT

ONLINE – HIGH INTENSITY WORKOUT

3. RECORDS OF DIFFERENT GAMES

<ul style="list-style-type: none"> GAMES TOURNAMENT
ATHLETIC, BASKETBALL, BADMINTON. CRICKET, CHESS, FOOTBALL, ROPE SKIPPING, SWIMMING, TENNIS& VOLLEY BALL

4. ONE FITNESS TEST

PHYSICAL FITNESS TEST	SIT-UPS, MODIFIED PULL UPS, 1,6 KMTS RUN, 20MTS SHUTTLE RUN , SIT & REACH TEST
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