

SHIVALIK PUBLIC SCHOOL

REVISED SYLLABUS

CLASS IX (2020-21)

ENGLISH LANGUAGE AND LITERATURE (Code No. 184)

Sections	
A	Reading Skills(40periods)
B	Writing Skills with Grammar (40 periods)
C	Literature Textbooks and Supplementary Reading Text(50 periods)

Reading:- Unseen Passage 20 Marks

PART A

I .Multiple Choice Questions based on a Discursive passage of 400-450 words to test inference, evaluation and vocabulary.

Ten out of twelve questions to be answered. **(10x1=10)**

II. Multiple Choice Questions based on a Case-based factual passage (with visual input- statistical data, chart etc.) of 200-250 words to test analysis and interpretation.

Ten out of twelve questions to be answered. **(10x1=10)**

(Total length of two passages to be 600-700 words)

Literature Textbooks 10 Marks

III. Multiple Choice Questions based on an extract from drama/prose to test inference, evaluation and vocabulary.

Any 1 out of 2 extracts to be done. **(5x1=5)**

IV. Multiple Choice Questions based on an extract from poetry to test analysis and interpretation. Any 1 out of 2 extracts to be done **(5x1=5)**

Grammar 10 Marks

V. Ten Multiple Choice Questions, out of twelve, to be answered. Questions shall be on the following based

Tenses

Modals

Subject – verb concord

Reported speech

Commands and requests

Statements

Questions

Determiners

PART B Writing 10 marks

I. Writing a Descriptive Paragraph (word limit 100-120 words) on a person or a diary entry based on visual or verbal cue/s. One out of two questions is to be answered. **5 marks**

II. Writing a story (word limit 100-120 words) on the basis of given cue/s . One out of two questions is to be answered. **5 marks**

Literature 30 Marks

III. Four out of six Short Answer Type Questions to be answered in 20-30 words each from BEEHIVE and MOMENTS (two out of three from BEEHIVE and two out of three from MOMENTS). 2x4=8 marks

IV. Four out of six Short Answer Type Questions to be answered in 40-50 words each from BEEHIVE and MOMENTS (two out of three from BEEHIVE and two out of three from MOMENTS). 3x4=12 marks

V. One out of two Long Answer Type Questions from BEEHIVE to be answered in about 100- 120 words each to assess creativity, imagination and extrapolation beyond the text and across the texts. This can be a passage-based question taken from a situation/plot from the texts. 5 marks

VI. One out of two Long Answer Type Questions from MOMENTS on theme or plot involving interpretation, extrapolation beyond the text and inference or character sketch to be answered in about 100-120 words.

Prescribed Books: Published by NCERT, New Delhi

BEEHIVE – Text for Class IX

MOMENTS – Supplementary Reader for Class IX

Words and Expressions-I, Workbook For Class IX

Periodic Assessment

One Paper

1 hour

Marks:20

Section

Area of Learning

Marks

specified

Part A

Reading Unseen Passages

4

MCQs based on extracts from text

2

Grammar

2

Part B

Writing Skills

3

Textual Questions

1*2+ 2*2=6

Long answer

3

Annual Assessment

One Paper

3 hours

Marks: 80

Section

Area of Learning

Marks specified

Part A

Reading Unseen Passages (2)

10+10 =20

Multiple Choice from Literature

(based on prose, poetry extracts)

5+5=10

MCQs Grammar

10

Part B

Writing Skills

5+5=10

Textual Questions

Literature Reader- Beehive

8+12+5+5 =30

Suppl. Reader -Moments

INTERNAL ASSESSMENT Listening and Speaking Competencies 30

Periods: Assessment of Listening and Speaking Skills will be for 20marks.

ENGLISH LANGUAGE AND LITERATURE (Code No. 184) CLASS – IX (2020 – 21)

Marks-80

Sections	Competencies	Total marks	% Weightage
Reading Comprehension	Conceptual understanding, decoding, analyzing, inferring, interpreting and vocabulary	20	25%
Writing Skill and Grammar	Creative expression of an opinion, reasoning, justifying, illustrating, appropriacy of style and tone, using appropriate format and fluency. Applying conventions, using integrated structures with accuracy and fluency	20	25%

Literature Textbook and Supplementary Reading Text	Recalling, reasoning, appreciating, applying literary conventions illustrating and justifying etc. Extract relevant information, identifying the central theme and sub-theme, understanding the writers' message and writing fluently.	40	50%
Total		80	

UNIT 1

Literature Reader-

F1- The Fun They Had

Key Words-mechanical, patted, screamed, school yard, awfully, laughter

P1- The Road Not Taken

Key Words- claim, trodden, diverged, undergrowth, wanted wear

Supplementary Reader

Ch-1-The lost child

Key Words- gaily, alleys, receding, grove, throngs

Workbook-Unit-1

Grammar-Verbs , Future Time Reference

Writing -Formal and informal letter

ACTIVITY:Speaking Task- The schools of the future will have no books and no teachers.

UNIT 2

Literature Reader-

F2- The Sound Of Music

Keywords-vibrations, prestigious, deteriorated, sheer, pursue, schedule, enormous.

P2- Wind

Key Words-shutters, crumbling, firmly,steadfast,flourish,weaklings

Supplementary Reader

Ch-The Adventures of Toto

Key Words- delicacy, scooping, wrenched, turnstile, quadruped

Workbook-Unit-2

Grammar- Determiners

Writing -Diary Entry, Story Writing

ACTIVITY

1. Comprehension Passage- Workbook
2. Writing activity- Biographical sketch-Workbook

UNIT 3

Literature Reader-

F3- The Little Girl

Key Words-

quite, suicide, yawned, snoring, gathered, dragged, damned, whispered, dreadful

P3- Rain On the Roof

Key Words- hover, melancholy, patter, agony, patter, dawn

Supplementary Reader

Ch-4 In the Kingdom of Fools

Key Words- jingling, scoundrel, stake, impaling, solemn

Workbook-Unit-3

Grammar- Modals

Writing – Email Writing, Article Writing,

ACTIVITY

1. Listening Activity -Workbook
2. Speaking Activity: “How children accept their parents as persons with their own personality”

UNIT 4

Literature Reader-

F4-A Truly Beautiful Mind

Key Words- destined, appealed, dashing, tenderness, lauded, agitating

P5- A Legend of the Northland

Key words-Curious, Swift, Hearth, Scarlet, Provoke

Supplementary Reader

Ch-5 The Happy Prince

Key Words- Glowed, Alighted, Drenched, Thimble, Fanning, Steeple

Workbook-Unit-4

Grammar- Subject Verb Agreement

Writing –Report Writing, Article Writing

ACTIVITY:Practice of speaking skills-Extempore

: To find out information about the great visionary “Albert Einstein”

UNIT 5

Literature Reader-

F6-My Childhood

Key Words- Erstwhile, Austere, Allied Forces, Slot, Halt, Surge

P6- No Men are Foreign

Key words-Beneath, Defile, Dispossess, Outrage, Condemn

Supplementary Reader

Ch-6 Weathering the Storm in Ersama

Key Words- Devastated, Swirled, Menacing, Incessant, Huddled

Work book-Unit-5

Grammar- Reported Speech

Writing – Notice writing, StoryWriting, Dialogue Writing

ACTIVITY:Debate: ‘Our happiness in life depends entirely on our mental attitude’

UNIT 6

Literature Reader-

F7-Packing

Key Words- Uncanny, loll, Perspiration, Chaos, Reigned, Indignantly

P8- On Killing a Tree

Key words-Jab, Leprous hide, Sprouting, Snapped out, Boughs, Twisting

Supplementary Reader

Ch-7 The Last Leaf

Key Words-Miner, Fierce, Vine, Janitor, Shivering, Clinging, Tiptoed

Workbook-Unit-6

Grammar- Reported Speech

Writing -Article writing, Reporting dialogue on given cues

ACTIVITY

1. Role Play (Group activity)
2. Group discussion on the topic 'Importance of young students in the making of New India'

UNIT 7

Literature Reader-

F8-Reach for the Top

Key Words- Affluent, Culmination, Shyly, Enormity, Indescribable, Pinnacle

P9- The Snake Trying

Key words-Glides, Reeds, Ripples, Chased away, Pursuing

Supplementary Reader

Ch-8 A House is not a Home

Key Words-Tabby, Purring, Swatting, Dazed, Groping, In tow

Workbook-Unit-7

Grammar- Determiners

Writing -Diary Entry, speech writing

ACTIVITY Listening Task -Workbook

UNIT 8

Literature Reader-

F9- The Bond of Love

Key Words- Rescued, shaggy, Panting, Wantonly, Floundering, Sump

Ch 11- If I Were You

Key words- melodramatic, nonchalant, sarcasm, inflection, pantomime, queer

Supplementary Reader

Ch-10 The Beggar

Key Words-Copecks, Lodging, Suppliant, Mendicant, Swindling, Perplexity

Workbook-Unit-8

Grammar- Reporting dialogue on given cues/ Tenses

Writing -Story writing, Debate writing

ACTIVITY

1. Declamation on the topic 'Begging should be Banned'
2. Role play of 'If I were you'

UNIT 9

Literature Reader-

Revision of units 1&2

Workbook-Units-9&10

Writing -Article writing, Diary Entry,

ACTIVITY Speech : What Freedom means to you.

Integrated grammar based activity- Grammar game

UNIT 10

Literature Reader-

Revision of units 3&4

Supplementary Reader

Workbook-Unit-11

Grammar- Integrated Grammar

Writing -Story writing, Diary Entry

SCIENCE (CODE NO. 086)

The subject of Science plays an important role in developing well-defined abilities in cognitive, affective and psychomotor domains in children. It augments the spirit of enquiry, creativity, objectivity and aesthetic sensibility. Upper primary stage demands that a number of opportunities should be provided to the students to engage them with the processes of Science like observing, recording observations, drawing, tabulation, plotting graphs, etc., whereas the secondary stage also expects abstraction and quantitative reasoning to occupy a more central place in the teaching and learning of Science. Thus, the idea of atoms and molecules being the building blocks of matter makes its appearance, as does Newton's law of gravitation. The present syllabus has been designed around seven broad themes viz. Food; Materials; The World of the Living; How Things Work; Moving Things, People and Ideas; Natural Phenomenon and Natural Resources. Special care has been taken to avoid temptation of adding too many concepts than can be comfortably learnt in the given time frame. No attempt has been made to be comprehensive. At this stage, while science is still a common subject, the disciplines of Physics, Chemistry and Biology begin to emerge. The students should be exposed to experiences based on hands on activities as well as modes of reasoning that are typical of the subject.

General Instructions:

1. There will be an Annual Examination based on the entire syllabus.
2. The Annual Examination will be of 80 marks and 20 marks weightage shall be for Internal Assessment.
3. For Internal Assessment:
 - a. There will be Periodic Assessment that would include:
 - For 5 marks- Three periodic tests conducted by the school. Average of the best two tests to be taken that will have a weightage of 05 marks towards the final result.
 - For 5 marks- Diverse methods of assessment as per the need of the class dynamics and curriculum transaction. These may include - short tests, oral test, quiz, concept maps, projects, posters, presentations, enquiry based scientific investigations etc. This will also have a weightage of 05 marks towards the final result.
 - b. Subject Enrichment in the form of Practical / Laboratory work should be done throughout the year and the student should maintain record of the same. Practical Assessment should be continuous. There will be weightage of 5 marks towards the final result. All practicals listed in the syllabus must be completed.
 - c. Portfolio to be prepared by the student- This would include class work and other sample of student work and will carry a weightage of 5 marks towards the final results.

COURSE STRUCTURE
CLASS IX
(Annual Examination)

80

Marks:

Unit number	Unit	marks
I	Matter-Its Nature and Behaviour	27
II	Organization in the Living World	26
III	Motion, Force and Work	27
	Total	80
	Internal Assessment	20
	Grand Total	100

UNIT-I

- 1. Matter in our surroundings**- matter, physical nature of matter- particulate, extremely small in size; characteristics of particles of matter- have space between them, move continuously, has force of attraction between them; states of matter-solid, liquid and gas, comparison between them based on several properties

Note- matter in our surroundings is deleted from syllabus by CBSE. This chapter will not be included in half yearly and annual examinations.

- 2. Motion**- rest and motion a relative term, , describing motion- reference point, motion along a straight line, scalar and vector quantity, distance and displacement, uniform and non uniform motion, speed and velocity, acceleration
- 3. Fundamental unit of life**-Cell as a basic unit of life; prokaryotic and eukaryotic cells, multicellular organisms; cell membrane and cell wall

Practical

To prepare stained temporary mounts of (a) onion peel and (b) human cheek cells and to record observations

UNIT-II:

- 1. Matter in our surroundings**-effect of temperature and pressure on states of matter- inter conversions of states of matter; latent heat of fusion and vaporization; evaporation- factors effecting evaporation and cooling produced by evaporation

Note- matter in our surroundings is deleted from syllabus by CBSE. This chapter will not be included in half yearly and annual examinations.

- 2. Motion**- graphical representation of motion- distance time and velocity time graphs, equations of motions- graphical method, uniform circular motion
- 3. Fundamental unit of life**-cell organelles; chloroplast, mitochondria, vacuoles, endoplasmic reticulum, Golgi apparatus; nucleus, chromosomes - basic structure, number Cell division - mitosis and meiosis.

UNIT-III:

- 1. Is matter around us pure**-classification of matter- pure substance and mixtures; mixtures- homogeneous and heterogeneous-true solutions, suspensions and colloid; saturated and unsaturated solutions; concentration of solutions.

Practical-

- Preparation of :
 - a true solution of common salt, sugar and alum
 - 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 distinction between these on the basis of
- transparency
 - filtration criterion
 - stability

2. Force and laws of motion-force and its effects; balanced and unbalanced forces, first law of motion-inertia; types of inertia, inertia and mass.

3. Tissues- Plant tissue- meristematic tissue, simple permanent tissue, complex permanent tissue.

Practical--Identification of Parenchyma, Collenchyma and Sclerenchyma tissues in plants. Drawing their labeled diagrams.

UNIT IV:

1. Is matter around us pure- separation techniques for mixtures- separation of solid from solid- magnetic separation, suitable solvent method and sublimation; separation of solid from liquid-filtration, evaporation, crystallization, centrifugation, and chromatography

2. Force and laws of motion- second law of motion-momentum, mathematical formula of second law of motion, derivation of first law from the second law of motion, applications of second law of motion in daily life.

3. Tissue-Animal tissue- epithelial tissue, connective tissue, muscular tissue, nervous tissue.

Practical-- Striped, smooth and cardiac muscle fibers and nerve cells in animals from prepared slides. Drawing their labeled diagrams.

UNIT V-

1. Is matter around us pure- separation of liquid from liquid- distillation, fractional distillation, separating funnel; separation of various components of air; pure substances- elements and compounds, physical and chemical changes, water purification system.

Practical-

i) Preparation of a mixture and a compound using iron filings and sulphur powder and distinguishing between these on the basis of:

- a) appearance, i.e., homogeneity and heterogeneity
- b) behavior towards a magnet
- c) behavior towards carbon disulphide as a solvent
- d) effect of heat

ii) Performing the following reactions and classifying them as physical or chemical changes :

- a. Iron with copper sulphate solution in water
- 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.

2. Force and laws of motion- third law of motion- recoil velocity; law of conservation of momentum and its mathematical proof. Applications of third law of motion in daily life.

3. Revision- The fundamental unit of life, Tissue

UNIT VI:

- 1. Atoms and molecules-** laws of chemical combinations- law of conservation of mass and law of constant proportion, Dalton's atomic theory-postulates; atoms- symbols of atoms, existence of atoms- molecules and ions

Practical-Verification of the law of conservation of mass in a chemical reaction.

- 2. Gravitation-** centripetal and centrifugal force, universal law of gravitation, importance of universal law of gravitation, free fall acceleration due to gravity

Practical-

Determination of the density of solid (denser than water) by using a spring balance and a measuring cylinder.

- 3. Why do we fall ill-** Health and its failure. Infectious and Non-infectious diseases, their causes and manifestation. Diseases caused by microbes (Virus, Bacteria and Protozoans)

UNIT VII:

- 1. Atoms and molecules-** Writing chemical formulae, atomic mass and molecular mass, formula unit mass.

- 2. Gravitation-** motion of object under the influence of gravitational force of earth, mass and weight, weight of object on moon.

Practical-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.

- 3. Why do we fall ill-** Means of spread, Organ specific and tissue specific manifestations

UNIT VIII:

- 1. Atoms and molecules-** Mole concept- relationship of mole to mass of the particles and numbers.

- 2. Work and energy-** work and its scientific concept, positive, negative and zero work. Energy and different forms of energy, interconversions of various forms of energy.

- 3. Why do we fall ill-** their prevention; Principles of treatment and prevention. Pulse Polio programmes.

UNIT IX

- 1. Structure of atom-** Charged particles in matter- electron, proton and neutron, structure of atom- Thomson's model, Rutherford's model and Bohr's model of atom
- 2. Work and energy-** kinetic energy- mathematical formula for kinetic energy.
- 3. Natural resources- Only for internal assessment.** - Air, role of atmosphere, winds, rain, Air, Water and Soil pollution (brief introduction)

UNIT X

- 1. Structure of atom**-Atomic number, mass number, representation of atom, electronic configuration, valency, formation of cations and anions, isotopes and Isobars.
- 2. Work and energy**- potential energy, mathematical formula for potential energy, law of conservation of energy and its mathematical proof.
- 3.Natural resources- Only for internal assessment** Bio-geo chemical cycles in nature: Water, Oxygen, Carbon and Nitrogen, greenhouse effect, Holes in ozone layer and the probable damages.

ONLY FOR INTERNAL ASSESSMENT

Note: Learners are assigned to read the below listed part. They can be encouraged to prepare a brief write up on any one concept of this Unit in their Portfolio. This may be an assessment for Internal Assessment and credit may be given (Periodic assessment/Portfolio). This portion of the Unit is not to be assessed in the year-end examination.

Theme: Natural Resources:

Balance in nature Unit IV: Our Environment

Physical resources: Air, Water, Soil. Air for respiration, for combustion, for moderating temperatures; movements of air and its role in bringing rains across India. Air, water and soil pollution (brief introduction). Holes in ozone layer and the probable damages. Bio-geo chemical cycles in nature: Water, Oxygen, Carbon, Nitrogen.

ASSESSMENT AREAS (THEORY) 2020-21 (CLASS IX) SCIENCE (086)

TIME: 3 HRS.

MAXIMUM MARKS: 80 MARKS

COMPETENCIES	
Demonstrate Knowledge and Understanding	46%
Application of Knowledge/Concepts	22%
Analyze, Evaluate and Create	32%

TYPOLGY OF QUESTIONS:

- VSA including objective type questions, Assertion – Reasoning type questions; SA; LA; Source-based/ Case-based/ Passage-based/ integrated assessment questions.
- An internal choice of approximately 33% would be provided.

INTERNAL ASSESSMENT (20 Marks)

- Periodic Assessment - 05 marks + 05 marks
- Subject Enrichment (Practical Work) - 05 marks
- Portfolio - 05 marks

SUGGESTIVE VERBS FOR VARIOUS COMPETENCIES

- Demonstrate Knowledge and Understanding State, name, list, identify, define, suggest, describe, outline, summarize, etc.
- Application of Knowledge/Concepts Calculate, illustrate, show, adapt, explain, distinguish, etc.
- Analyze, Evaluate and Create Interpret, analyze, compare, contrast, examine, evaluate, discuss, construct, etc.

SUBJECT: SOCIAL SCIENCE (CODE: 087)

BOOKS :

India and contemporary world 1 (History)
 Contemporary India - 1 (Geography)
 Democratic --1 (Political Science)
 Understanding Economics ---1 (Economics)

Book	Unit 1	Chapter No.
Geography	India - Size and location	1
History	The French revolution	1
Activity----Map work		
Book	Unit 2	Chapter No.
Economics	The Story of village Palampur	1
Geography	Physical features of India	2
Activity----Map Work		
Book	Unit 3	Chapter No.
History	Socialism in Europe and Russian revolution	2
Economics	People as a resource	2
Activity ---- Map work		
Book	Unit 4	Chapter No.
Democratic Politics	What is Democracy ? Why Democracy ?	2
Book	Unit 5	Chapter No.
Geography	Drainage----Only map work	3
Democratic Politics	Constitutional Design--- 1.Why do we need a Constitution 2. Making of the Indian Constitution	3

3. Guiding values of the Indian Constitution

Activities—1. -Poster on River Pollution

2.—Map work

Book History
Unit 6 Nazism and the Rise of Hitler
Chapter No. 3
Activity: (i) Map Work

Book Democratic Politics
Unit 7 Electoral Politics
Chapter No. 4

Book Geography
Unit 8 Climate
Chapter No. 4
Activity: (i) Map Work

Book Geography
Unit 9 Natural vegetation and Wildlife
Chapter No. 5
Activity—Map work

Book Democratic Politics
Unit 10 Working of the Institutions
Chapter No. 5

Project work:

Every student has to compulsorily undertake one project on Disaster Management. The projects have been carefully designed so as to:

- Create awareness in learners
- Enable them to understand and co-relate all aspects of Disaster Management.
- Relate theory with practice
- Relation of different aspects of life
- Provide hands on experience

The distribution of marks over different aspects relating to Project work is as follows:

S.NO.	ASPECTS	MARKS
1	Content accuracy and originality	1
2	Presentation and creativity	1
3	Process of project completion: initiative ,cooperativeness,participation and punctuality	1
4	Viva or written test for content assimilation	2

Internal Assessment Criteria:

Internal Assessment Marks

- Unit test 10
- Notebook 5
- Subject Enrichment Activities 5

(i) UNIT TEST : 20 MARKS

Q.No.	Marks
1-7	1*7=7
8,9	3*2=6
10	1*5=5
11 (Map question)	1*2=2
TOTAL	20 Marks

II) MID TERM/FINAL EXAMINATION: 80 Marks

Q.NO.	MARKS
1-20	1*20=20
21--28	3*8=24
29- 34	5*6=30
35(MAP QUESTION FROM HISTORY)	1*3=3
36(MAP QUESTION FROM GEOGRAPHY)	1*3=3
TOTAL	80 MARKS

LIST OF MAP ITEMS FOR SOCIAL SCIENCE

Subject - History

Chapter-1: The French Revolution

Outline map of France (For locating and labelling/Identification)

- Bordeaux
- Nantes
- Paris
- Marseilles

Chapter-2: Socialism in Europe and the Russian Revolution

Outline map of World (For locating and labelling/Identification)

- Major countries of First World War
(Central Powers and Allied Powers)
- Central Powers - Germany, Austria-Hungary, Turkey (Ottoman Empire)
- Allied Powers - France, England, (Russia), America

Chapter-3: Nazism and the Rise of Hitler

Outline map of World (For locating and labelling/Identification)

- Major countries of Second World War
Axis Powers – Germany, Italy, Japan
Allied Powers – UK, France, Former USSR, USA

SUBJECT-GEOGRAPHY

CH-1 : INDIA-SIZE AND LOCATION

- India-States with Capitals, Tropic of Cancer, Standard Meridian, (Location and Labelling)

CH-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, Kanchenjunga, Anai Mudi,
- Plateau - Deccan Plateau, Chhota Nagpur Plateau, Malwa Plateau
- Coastal Plains - Konkan, Malabar, Coromandal & Northern Circar (Location and Labelling)

CH-3 : DRAINAGE

- Rivers : (Identification only)
- a) The Himalayan River Systems - The Indus, The Ganges, and The Satluj
b) The Peninsular rivers - The Narmada, The Tapi, The Kaveri, The Krishna, The Godavari, The Mahanadi

- Lakes: Wular, Pulicat, Sambhar, Chilika

CH-4 : CLIMATE

- Areas receiving rainfall less than 20 cm and over 400 cm (Identification only)

CH-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 Ranganthittoo
- Wild life Sanctuaries : Sariska, Mudumalai, Rajaji, Dachigam (Location and Labelling)

MATHEMATICS IX (CODE NO. 041)

The Syllabus in the subject of Mathematics has undergone changes from time to time in accordance with growth of the subject and emerging needs of the society. The present revised syllabus has been designed in accordance with National Curriculum Framework 2005 and as per guidelines given in the Focus Group on Teaching of Mathematics which is to meet the emerging needs of all categories of students. For motivating the teacher to relate the topics to real life problems and other subject areas, greater emphasis has been laid on applications of various concepts.

The curriculum at Secondary stage primarily aims at enhancing the capacity of students to employ Mathematics in solving day-to-day life problems and studying the subject as a separate discipline. It is expected that students should acquire the ability to solve problems using algebraic methods and apply the knowledge of simple trigonometry to solve problems of height and distances. Carrying out experiments with numbers and forms of geometry, framing hypothesis and verifying these with further observations form inherent part of Mathematics learning at this stage. The proposed curriculum includes the study of number system, algebra, geometry, trigonometry, mensuration, statistics, graphs and coordinate geometry, etc.

The teaching of Mathematics should be imparted through activities which may involve the use of concrete materials, models, patterns, charts, pictures, posters, games, puzzles and experiments.

Objectives

The broad objectives of teaching of Mathematics at secondary stage are to help the learners to:

- consolidate the Mathematical knowledge and skills acquired at the upper primary stage;
- acquire knowledge and understanding, particularly by way of motivation and visualization, of basic concepts, terms, principles and symbols and underlying processes and skills;
- develop mastery of basic algebraic skills;
- develop drawing skills;
- feel the flow of reason while proving a result or solving a problem;
- apply the knowledge and skills acquired to solve problems and wherever possible, by more than one method;
- to develop ability to think, analyze and articulate logically;
- to develop awareness of the need for national integration, protection of environment, observance of small family norms, removal of social barriers, elimination of gender biases;
- to develop necessary skills to work with modern technological devices and mathematical software's.
- to develop interest in mathematics as a problem-solving tool in various fields for its beautiful structures and patterns, etc.
- to develop reverence and respect towards great Mathematicians for their contributions to the field of Mathematics;
- to develop interest in the subject by participating in related competitions;
- to acquaint students with different aspects of Mathematics used in daily life;
- to develop an interest in students to study Mathematics as a discipline.

COURSE STRUCTURE CLASS –IX (as prescribed by CBSE)

UNIT NO.	Unit Name	MARKS
I	NUMBER SYSTEMS	08
II	ALGEBRA	17
III	COORDINATE GEOMETRY	04
IV	GEOMETRY	28
V	MENSURATION	13
VI	STATISTICS & PROBABILITY	10
	Total	80

COURSE STRUCTURE CLASS –IX (to be followed in class)

UNITS	CHAPTER NO.	CHAPTER NAME

I	CH-1	NUMBER SYSTEM
II	CH-2	POLYNOMIALS
III	CH-3	COORDINATE GEOMETRY
IV	CH-6 CH-12	LINES AND ANGLES HERON'S FORMULA
V	CH-7	TRIANGLES
VI	CH-14 CH-15	STATISTICS PROBABILITY
VII	CH-4 CH-11	LINEAR EQUATION IN TWO VARIABLES CONSTRUCTIONS
VIII	CH-8	QUADRILATERALS
IX	CH-13	SURFACE AREAS AND VOLUMES
X	CH-10	CIRCLES

UNIT I: NUMBER SYSTEMS

(10 Periods)

KEYWORDS: Real numbers, rational numbers, irrational numbers, number line

CONTENT:

- Review of representation of natural numbers, integers, rational numbers on the number line. Rational numbers as recurring/terminating decimals. Operations on real numbers.
- Examples of non-recurring/non-terminating decimals. Existence of non-rational numbers (irrational numbers) such as $\sqrt{2}$, $\sqrt{3}$ and their representation on the number line.
- Rationalization (with precise meaning) of real numbers of the type $\frac{1}{a+b\sqrt{c}}$ and $\frac{1}{\sqrt{x}+\sqrt{y}}$ (and their combinations) where x and y are natural number and a and b are integers.
- Recall of laws of exponents with integral powers. Rational exponents with positive real bases (to be done by particular cases, allowing learner to arrive at the general laws).

UNIT II: ALGEBRA

POLYNOMIALS

(15)Periods

KEYWORDS: Polynomial, Monomial, Binomial, Trinomial, Constant Polynomial, Linear Polynomial, Quadratic Polynomial and Cubic Polynomial.

CONTENT:

Definition of a polynomial in one variable, with examples and counter examples. Coefficients of a polynomial, terms of a polynomial and zero polynomial. Degree of a polynomial. Constant, linear, quadratic and cubic polynomials. Monomial binomials, trinomials. Factors and multiples. Zeros of a polynomial.

Factorization of $ax^2 + bx + c$, $a \neq 0$ where a , b and c are real numbers, and of cubic polynomials using the Factor Theorem. Recall of algebraic expressions and identities. Verification of identities: and their use in factorization of polynomials.

UNIT III

COORDINATE GEOMETRY

(6) Periods

KEYWORDS: Abscissa, Ordinate, X- Axis, Y- Axis, Quadrant

CONTENT:

The Cartesian plane, coordinates of a point, names and terms associated with the coordinate plane, notations, plotting points in the Plane.

UNIT IV

LINES AND ANGLE

(13) Periods

KEYWORDS : Collinear points, Line Segment, Lines, Angles and Triangles

CONTENT:

1. (Motivate) If a ray stands on a line, then the sum of the two adjacent angles so formed is 180° and the converse.
2. (Prove) If two lines intersect, vertically opposite angles are equal.
3. (Motivate) Results on corresponding angles, alternate angles, interior angles when a transversal intersects two parallel lines.
4. (Motivate) Lines which are parallel to a given line are parallel.
5. (Prove) The sum of the angles of a triangle is 180° .
6. (Motivate) If a side of a triangle is produced, the exterior angle so formed is equal to the sum of the two interior opposite angles.

HERON'S FORMULA

(2) Periods

KEYWORDS: Area, Perimeter.

CONTENT: Area of a triangle using Heron's formula (without proof)

UNIT V:

TRIANGLES

(15) Periods

KEYWORDS: Triangles , Congruent figures

CONTENT:

1. (Motivate) Two triangles are congruent if any two sides and the included angle of one is equal to any two sides and the included angle of the other triangle (SAS Congruence).
- 2 (Motivate) Two triangles are congruent if the three sides of one triangle are equal to three Sides of the other triangle (SSS Congruence).
3. (Motivate) Two right triangles are congruent if the hypotenuse and a side of one triangle are equal (respectively) to the hypotenuse and a side of The other triangle.(RHS Congruence)
4. (Prove) The angles opposite to equal sides of a triangle are equal.
5. (Motivate) The sides opposite to equal angles of a triangle are equal.

UNIT VI .STATISTICS

(6)Periods

CONTENT:

Introduction to Statistics: Collection of data, presentation of data — tabular form, ungrouped / grouped, bar graphs.

. PROBABILITY

(9)

Periods

KEYWORDS: Probability, Experiment, Elementary event, Sample space, Trial, Event, Equally likely event ,Exhaustive Events, Mutually Exclusive Event, Favourable event

CONTENT:

History, Repeated experiments and observed frequency approach to probability.

Focus is on empirical probability. (A large amount of time to be devoted to group and to individual activities to motivate the concept; the experiments to be drawn from real - life situations, and from examples used in the chapter on statistics).

UNIT VII

LINEAR EQUATIONS IN TWO VARIABLES

(10)Periods

KEYWORDS: Linear, Linear equations in one variable, Linear equations in two variables

CONTENT: Recall of linear equations in one variable. Introduction to the equation in Two variables. Focus on linear equations of the type $ax+by+c=0$. Explain that a linear equation in two variables has infinitely many solutions and justify their being written as ordered pairs of real number. plotting them and showing that they lie on a line. Graph of linear equations in variables. Examples, problems from real life with algebraic and graphical solutions being done simultaneously

CONSTRUCTIONS

(5) Periods

KEYWORDS: Construction, Ray, Line segment, Initial point, Angle bisector, Equilateral triangle

CONTENT:

1. Construction of bisectors of line segments and angles of measure 60° , 90° , 45° etc., equilateral triangles.
2. Construction of a triangle given its base, sum/difference of the other two sides and one base angle.

UNIT VIII

QUADRILATERALS

(10) Periods

KEYWORDS: Quadrilaterals, Trapezium, Parallelogram, Square, Rhombus, Rectangle, Kite.

CONTENT: 1.(Prove) The diagonal divides a parallelogram into two congruent triangles.

2. (Motivate) In a parallelogram opposite sides are equal, and conversely.
3. (Motivate) In a parallelogram opposite angles are equal, and conversely
4. (Motivate) A quadrilateral is a parallelogram if a pair of its opposite sides is Parallel and equal.
5. (Motivate) In a parallelogram, the diagonals bisect each other and conversely.
6. (Motivate) In a triangle, the line segment joining the mid points of any two sides is parallel to the third side and in half of it and (motivate) its converse.

UNIT IX

SURFACE AREAS AND VOLUME

(12) Periods

KEYWORDS: Cuboid, Cylinder, Cone, Cube, Sphere

CONTENT:

Surface areas and volumes of cubes, cuboids, spheres (including hemispheres) and right circular cylinders/cones

UNIT X

CIRCLES

(12)Periods

KEYWORDS: Circle, Circular Region, Circumference of a Circle, Chord of a circle, Diameter of a circle, semicircle, Arc of a circle, Concentric circles, Sector of a circle, Cyclic Quadrilateral, Congruent circles

CONTENT:

Through examples, arrive at definition of circle and related concepts- radius, Circumference, diameter, chord, arc, secant, sector, segment, subtended angle.

1. (Prove) Equal chords of a circle subtend equal angles at the center and (motivate) its converse.
2. (Motivate) The perpendicular from the center of a circle to a chord bisects the chord and conversely, the line drawn through the center of a circle to bisect a chord is perpendicular to the chord.
3. (Motivate) Equal chords of a circle (or of congruent circles) are equidistant from the center (or their respective centers) and conversely.
4. (Prove) The angle subtended by an arc at the center is double the angle subtended by it at any point on the remaining part of the circle.
5. (Motivate) Angles in the same segment of a circle are equal.
6. (Motivate) The sum of either of the pair of the opposite angles of a cyclic quadrilateral is 180° and its converse.

DO TEN ACTIVITIES FROM NCERT MANUAL FILE.

MATHEMATICS QUESTION PAPER DESIGN

CLASS – IX (2020-21)

Time:3Hrs.

MAX. Marks80

S. No.	Typology of Questions	Total MARKS	% Weightage (approx.)
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1	<p>Remembering: Exhibit memory of previously learned material by recalling facts, terms, basic concepts, and answers.</p> <p>Understanding: Demonstrate understanding of facts and ideas by organizing, comparing, translating, interpreting, giving descriptions, and stating main ideas</p>	43	54
2	<p>Applying: Solve problems to new situations by applying acquired knowledge, facts, techniques and rules in a different way.</p>	19	24
3	<p>Analysing : Examine and break information into parts by identifying motives or causes. Make inferences and find evidence to support generalizations</p> <p>Evaluating: Present and defend opinions by making judgments about information, validity of ideas, or quality of work based on a set of criteria.</p> <p>Creating: Compile information together in a different way by combining elements in a new pattern or proposing alternative solutions</p>	18	22
	Total	80	100

INTERNAL ASSESSMENT	20 MARKS
Pen Paper Test and Multiple Assessment (5+5)	10Marks
Portfolio	05Marks
Lab Practical (Lab activities to be done from the prescribed books)	05Marks

Information Technology (Skill subject – 402)

Book : Information Technology Vocational – Class 9
Publisher : Kips Learning Pvt. Ltd.

Exam: Written/ Practical Test + Activities + Notebook

Unit -1 : Communication Skills- I : Demonstrate knowledge of various methods of Communication, Identify elements of communication cycle, Identify the factors affecting our perspectives in communication, Demonstrate the knowledge of basic writing skills

Unit – 2 : Basic ICT Skills – I : Describe the role of ICT in day-to-day life, Identify the various components of computer system, Identify various peripheral devices, Perform basic computer operation, Connect with the world using Internet and its applications.

Unit – 3: Self-Management Skills – I : Describe the meaning and importance of self- management, Identify the factors that helps in building self-confidence

Unit – 4: Introduction to IT- IT eS Industry.
Applications and the areas where computers are used.

Unit-5 : Data Entry & Keyboarding Skills: How to use Keyboard and typing skills.

Unit 6 : Digital Documentation :Word Processing (Elementary): Start the word processing application, Set up options in Writer, Enter and edit the text, Format the paragraph and text, Format pages, Create and use table, Print the document.

Unit 7 : Entrepreneurial Skills – I: Identify various types of business activities, Demonstrate the knowledge of distinguishing characteristics of entrepreneurship.

Unit 8 :: Spreadsheet Applications (Elementary) : Create a Spreadsheet, Enter and edit the text in spreadsheet, Format data in the spreadsheet, Create charts and graphs, Add graphs, Use formulas and functions, Print the spreadsheet

Unit 9 : Presentation : Create a presentation, Slide Master, Add and Format Text, Add and Format Images, Manage Graphics Objects, Format Graphics Object, Create Slide Shows Transitions, and animations, Print, Export and Save the presentation

Unit 10 : Green Skills – I: Demonstrate the knowledge of the factors influencing natural resource conservation, Describe the importance of green economy and green skills.

Information Technology (Code no. 402)	
Theory	50 marks
Practical	50 marks
Total Marks	100 marks

Note: Submit Activity File with a Project .

ਪੰਜਾਬੀ 004
ਜਮਾਤ-ਨੌਵੀਂ
ਜੁਲਾਈ 2020 ਤੋਂ ਮਾਰਚ 2021
(ਸਲਾਨਾ ਪ੍ਰੀਖਿਆ)

ਕੁਲ ਅੰਕ 80

ਭਾਗ-ੳ

1)	ਪੜ੍ਹਨ ਕੌਸ਼ਲ (Reading Skill)	10
	ੳ) ਅਣਡਿੱਠਾ ਪੈਰਾ (ਚੋਣ ਅਧਾਰਿਤ) 200-250 ਸ਼ਬਦਾਂ ਵਿੱਚ (ਬਹੁਵਿਕਲਪੀ ਪ੍ਰਸ਼ਨ)	5
	ਅ) ਅਣਡਿੱਠੀ ਕਾਵਿ ਟੁਕੜੀ (ਚੋਣ ਅਧਾਰਿਤ) (ਬਹੁਵਿਕਲਪੀ ਪ੍ਰਸ਼ਨ)	5
2)	ਵਿਆਕਰਨ (Grammar)	16
	ੳ) ਵਿਰੋਧੀ ਸ਼ਬਦ (ਬਹੁਵਿਕਲਪੀ ਪ੍ਰਸ਼ਨ)	4
	ਅ) ਸ਼ਬਦ ਸ਼ੁੱਧੀ (ਬਹੁਵਿਕਲਪੀ ਪ੍ਰਸ਼ਨ)	4
	ੲ) ਕਿਰਿਆ (ਬਹੁਵਿਕਲਪੀ ਪ੍ਰਸ਼ਨ)	4
	ਸ) ਮੁਹਾਵਰੇ (ੳ ਤੋਂ ਹ ਤੱਕ) ਬਹੁਵਿਕਲਪੀ ਪ੍ਰਸ਼ਨ	4
	ਪਾਠ ਪੁਸਤਕ ਤੇ ਅਧਾਰਿਤ (Text Book)	14
	1) ਕਹਾਣੀ, ਵਾਰਤਕ, ਜੀਵਨੀ, ਇਕਾਂਗੀ (ਬਹੁਵਿਕਲਪੀ ਪ੍ਰਸ਼ਨ)	3+3+3+2=11
	2) ਕਾਵਿ ਟੁਕੜੀ ਆਧਾਰਿਤ (ਬਹੁਵਿਕਲਪੀ ਪ੍ਰਸ਼ਨ)	3x1=3

ਭਾਗ-ਅ

3)	ਪਾਠ ਪੁਸਤਕ ਤੇ ਅਧਾਰਿਤ (Text Book)	26
	ਵਰਨਣਾਤਮਕ ਪ੍ਰਸ਼ਨ (Descriptive Question)	
	ੳ) ਕਵਿਤਾ, ਜੀਵਨੀ, ਵਾਰਤਕ (20 ਤੋਂ 25 ਸ਼ਬਦਾਂ ਵਿੱਚ) ਚੋਣ ਅਧਾਰਿਤ ।	10x2=20
	ਅ) ਜੀਵਨੀ, ਵਾਰਤਕ (40 ਤੋਂ 50 ਸ਼ਬਦਾਂ ਵਿੱਚ) ਚੋਣ ਅਧਾਰਿਤ ।	3x1=3
	ੲ) ਇਕਾਂਗੀ, ਕਹਾਣੀ (40 ਤੋਂ 50 ਸ਼ਬਦਾਂ ਵਿੱਚ) ਚੋਣ ਅਧਾਰਿਤ ।	3x1=3
4)	ਪ੍ਰਭਾਵਸ਼ਾਲੀ ਲਿਖਣ ਕੌਸ਼ਲ	14
	ੳ) ਲੇਖ ਰਚਨਾ (ਵਿਚਾਰ ਪ੍ਰਦਾਨ ਅਤੇ ਆਮ ਵਿਸ਼ੇ) 100 ਤੋਂ 150 ਸ਼ਬਦ (ਤਿੰਨ ਲੇਖ ਚੋਣ ਅਧਾਰਿਤ ਨੁਕਤਿਆਂ ਸਹਿਤ)	5
	ਅ) ਪੱਤਰ ਰਚਨਾ (ਨਿੱਜੀ ਅਤੇ ਦਫ਼ਤਰੀ ਪੱਤਰ) (ਦੋ ਪੱਤਰ ਚੋਣ ਅਧਾਰਿਤ ਨੁਕਤਿਆਂ ਸਹਿਤ)	5

- ੲ) ਚਿੱਤਰ (ਫੋਟੋ/ਤਸਵੀਰ ਦ੍ਰਿਸ਼ ਦੇ ਅਧਾਰ ਤੇ ਵਰਣਨ (50 ਸ਼ਬਦਾਂ ਵਿੱਚ)
ਸ) (ਚੋਣ ਅਧਾਰਿਤ)

ਯੂਨਿਟ ਟੈਸਟ ਅੰਕ ਵੰਡ

(ਕੁੱਲ ਅੰਕ 20)

- | | | |
|----|--|-------|
| 1) | ਬਹੁਵਿਕਲਪੀ ਪ੍ਰਸ਼ਨ (1 ਅੰਕ ਵਾਲੇ) | |
| | ੳ) ਕਹਾਣੀ, ਵਾਰਤਕ, ਜੀਵਨੀ ਅਤੇ ਕਵਿਤਾ ਜਾਂ ਇਕਾਂਗੀ ਵਿੱਚੋਂ । | |
| 2) | ਛੋਟੇ ਪ੍ਰਸ਼ਨ ਉੱਤਰ 2 ਅੰਕਾਂ ਵਾਲੇ (20 ਤੋਂ 25 ਸ਼ਬਦਾਂ ਵਿੱਚ) | |
| | ਅ) ਕਵਿਤਾ, ਜੀਵਨੀ ਤੇ ਵਾਰਤਕ ਵਿੱਚੋਂ । | 2x2=4 |
| 3) | ਵੱਡੇ ਉੱਤਰ ਵਾਲੇ ਪ੍ਰਸ਼ਨ (40 ਤੋਂ 50 ਸ਼ਬਦਾਂ ਵਿੱਚ) ਚੋਣ ਅਧਾਰਿਤ | |
| | ੲ) ਕਹਾਣੀ ਤੇ ਵਾਰਤਕ | 3 |
| 4) | ਵਿਆਕਰਨ (ਬਹੁਵਿਕਲਪੀ) | 3 |
| 5) | ਲੇਖ ਜਾਂ ਪੱਤਰ | 3 |
| 6) | ਇਸ਼ਤਿਹਾਰ ਜਾਂ ਚਿੱਤਰਤ ਵਰਨਣ ਜਾਂ ਅਣਡਿੱਠੀ ਕਾਵਿ ਟੁਕੜੀ ਜਾਂ ਅਣਡਿੱਠਾ ਪੈਰਾ । | 3 |

ਜਮਾਤ ਨੌਵੀਂ ਪੰਜਾਬੀ ਵਿਸ਼ੇ ਦੀਆਂ ਗਤੀਵਿਧੀਆਂ ਅਤੇ ਮੁਲਾਂਕਣ

Guidelines for Internal Activity/Assessment

ਪਾਠਕ੍ਰਮ ਦਾ ਉਦੇਸ਼ ਵਿਦਿਆਰਥੀਆਂ ਦੀ ਛਿੱਪੀ ਹੋਈ ਪ੍ਰਤਿਭਾ ਨੂੰ ਬਾਹਰ ਲਿਆਉਣਾ ਹੈ, ਇਸ ਲਈ ਬੋਰਡ ਵੱਲੋਂ ਸਲਾਨਾ ਪਰੀਖਿਆ ਦੇ ਨਾਲ-ਨਾਲ ਆਂਤਰਿਕ ਮੁਲਾਂਕਣ ਲਈ 20 ਅੰਕ ਰਾਖਵੇਂ ਰੱਖੇ ਗਏ ਹਨ । ਜਿਸ ਦੇ ਤਹਿਤ-

- | | |
|--------|---|
| 10 ਅੰਕ | ਲਿਖਤ ਪ੍ਰੀਖਿਆ (ਜਮਾਤ ਟੈਸਟ) |
| 5 ਅੰਕ | ਗਤੀਵਿਧੀਆਂ (Assignment) ਜਮਾਤ ਅਤੇ ਘਰ ਦਾ ਕੰਮ, ਮੁਲਾਂਕਣ ਪੱਤਰ ਤੇ ਅਧਾਰਿਤ |
| 5 ਅੰਕ | LS (ਸੁਣਨ, ਬੋਲਣ 'ਤੇ ਅਧਾਰਿਤ) |

ਇਹਨਾਂ ਗਤੀਵਿਧੀਆਂ ਦਾ ਮੁਲਾਂਕਣ ਵਿਸ਼ੇ ਨਾਲ ਸੰਬੰਧਿਤ ਅਧਿਆਪਕ ਤੇ ਸਕੂਲ ਪ੍ਰਿੰਸੀਪਲ ਵੱਲੋਂ ਨਿਰਧਾਰਿਤ ਅਧਿਆਪਕ ਦੀ ਨਿਗਰਾਨੀ ਵਿੱਚ ਪੜ੍ਹਨ ਸੰਬੰਧੀ (Comprehension), ਲਿਖਣ ਕੌਸ਼ਲ (Writing Skill), ਬੋਲਣਾ ਕੌਸ਼ਲ (Speaking Skill) ਅਨੁਸਾਰ ਕੀਤਾ ਜਾਵੇਗਾ ।

ਨਿਰਧਾਰਿਤ ਪਾਠ-ਪੁਸਤਕਾਂ

1. ਸਾਹਿਤਕ ਕਿਰਨਾਂ-1

- | | | |
|----------------|----|---|
| ਕਾਵਿ ਰਚਨਾਵਾਂ - | 1. | ਫਰੀਦਾ ਜੋ ਤੂ ਅਕਲਿ ਲਤੀਫੁ (ਸ਼ੇਖ ਫਰੀਦ) |
| | 2. | ਸਿੰਮਲ ਰੁਖੁ ਸਰਾਇਰਾ (ਗੁਰੂ ਨਾਨਕ ਦੇਵ ਜੀ) |
| | 3. | ਸਮਾਂ (ਭਾਈ ਵੀਰ ਸਿੰਘ) |
| | 4. | ਮੈਂ ਪੰਜਾਬੀ, ਪੰਜਾਬ ਦਾ ਰਹਿਣ ਵਾਲਾ (ਫੀਰੋਜ਼ਦੀਨ ਸ਼ਰਫ) |

- ਵਾਰਤਕ -
1. ਕਬੱਡੀ (ਪ੍ਰਿੰ. ਸਰਵਣ ਸਿੰਘ)
 2. ਗੱਪਬਾਜ਼ (ਪਿਆਰਾ ਸਿੰਘ ਦਾਤਾ)
 3. ਪੰਜਾਬੀ ਵਿਰਸਾ (ਹਰਕੇਸ਼ ਸਿੰਘ ਕਹਿਲ)
2. ਸਾਹਿਤਕ ਰੰਗ-1
- ਕਹਾਣੀਆਂ-
1. ਇੱਕ ਸਧਾਰਣ ਆਦਮੀ (ਸੰਤੋਖ ਸਿੰਘ ਧੀਰ)
 2. ਦੁੱਧ ਤੇ ਪੁੱਤ (ਬਚਿੰਤ ਕੌਰ)
- ਇਕਾਂਗੀ-
- ਕਿਰਤ ਦਾ ਸਤਿਕਾਰ (ਡਾ. ਹਰਚਰਨ ਸਿੰਘ)
- ਜੀਵਨੀਆਂ-
1. ਕਰਤਾਰ ਸਿੰਘ ਸਰਾਭਾ (ਡਾ. ਹਰਬੰਸ ਸਿੰਘ ਚਾਵਲਾ)
 2. ਪੁਲਾੜ ਦੀ ਪਰੀ - ਕਲਪਨਾ ਚਾਵਲਾ (ਸੁਨੀਲ ਕੁਮਾਰ ਬੇਦੀ)

ਨਿਰਧਾਰਤ ਗਤੀਵਿਧੀਆਂ

- | | |
|----------------------------|-------------------------------|
| 1. ਸੁਲੇਖ | 2. ਗੱਪ ਬਾਜ਼ (ਪਿਆਰਾ ਸਿੰਘ ਦਾਤਾ) |
| 3. ਭਾਸ਼ਣ ਮੁਕਾਬਲਾ | 4. ਵਾਦ-ਵਿਵਾਦ |
| 5. ਕੁਇਜ਼ (ਪ੍ਰਸ਼ਨੋਤਰੀ) | 6. ਨਾਟਕ ਮੰਚਣ |
| 7. ਦਿਨ ਤਿਉਹਾਰ ਬਾਰੇ ਜਾਣਕਾਰੀ | 8. ਲੋਕ ਗੀਤ |
| 9. ਪੁਰਾਤਨ ਸੱਭਿਆਚਾਰ | 10. ਚਲੰਤ ਘਟਨਾਵਾਂ ਦਾ ਵਰਣਨ |

- 1) ਵਿਦਿਆਰਥੀਆਂ ਦਾ ਮੁਲਾਂਕਣ ਉਪਰੋਕਤ ਦਿੱਤੇ ਗਏ ਦਿਸ਼ਾ-ਨਿਰਦੇਸ਼ਾਂ ਅਨੁਸਾਰ ਕੀਤਾ ਜਾਵੇਗਾ ।
- 2) ਮੁਲਾਂਕਣ ਵਿਸ਼ੇ ਨਾਲ ਸਬੰਧਤ ਅਧਿਆਪਕ ਤੇ ਸਕੂਲ ਮੁਖੀ ਵੱਲੋਂ ਨਿਰਧਾਰਤ ਅਧਿਆਪਕਾਂ ਦੀ ਨਿਗਰਾਨੀ ਹੇਠ ਹੋਵੇਗਾ ।

Syllabus 2020-2021

Class IX

Subject : Punjabi

Unit 1

ਕਹਾਣੀ -ਇਕ ਸਧਾਰਨ ਆਦਮੀ

ਜੀਵਨੀ-ਕਰਤਾਰ ਸਿੰਘ ਸਰਾਭਾ

ਵਿਆਕਰਣ-ਵਿਰੋਧੀ ਸ਼ਬਦ

ਮੁਹਾਵਰੇ - ਓ ਅੱਖਰ ਵਾਲੇ

ਗਤੀਵਿਧੀ - ਸੁਲੇਖ

Unit 2

ਸ਼ਲੋਕ- ਬਾਬਾ ਫਰੀਦ ਜੀ ਦੇ
ਵਿਆਕਰਣ-ਮੁਹਾਵਰੇ ਅ ਅੱਖਰ ਵਾਲੇ
ਗਤੀਵਿਧੀ-ਮੁਹਾਵਰਿਆਂ ਤੇ ਅਧਾਰਿਤ

Unit 3

ਸ਼ਬਦ-ਸਿੰਮਲ ਰੁੱਖ ਸਰਾਇਰਾ
ਵਿਆਕਰਣ-ਮੁਹਾਵਰੇ ਏ ਅੱਖਰ ਵਾਲੇ, ਸ਼ਬਦ ਸ਼ੁੱਧੀ
ਲੇਖ-ਵਿਚਾਰ ਪ੍ਰਧਾਨ ਅਤੇ ਆਮ ਵਿਸ਼ੇ
ਗਤੀਵਿਧੀ-ਦਿਨ ਤਿਉਹਾਰਾਂ ਤੇ ਅਧਾਰਿਤ

Unit 4

ਕਵਿਤਾ-ਸਮਾਂ
ਵਾਰਤਕ-ਕਬੱਡੀ
ਅਣਡਿੱਠੀ ਕਾਵਿ ਟੁਕੜੀ, ਚਿੱਤਰ ਵਰਣਨ ਮੁਹਾਵਰੇ ਸ ਅੱਖਰ ਵਾਲੇ

Unit 5

ਇਕਾਂਗੀ-ਕਿਰਤ ਦਾ ਸਤਿਕਾਰ
ਮੁਹਾਵਰੇ-ਹ ਅੱਖਰ ਵਾਲੇ
ਗਤੀਵਿਧੀ ਕਵਿਤਾ ਉਚਾਰਨ

First Term Exam

Unit 6

ਵਾਰਤਕ-ਗੱਪ ਬਾਜ਼
ਕਵਿਤਾ-ਮੈ ਪੰਜਾਬੀ ਪੰਜਾਬ ਦਾ ਰਹਿਣ ਵਾਲਾ
ਮੁਹਾਵਰੇ ਓ ਅੱਖਰ ਵਾਲੇ
ਪੱਤਰ-ਦਫਤਰੀ
ਗਤੀਵਿਧੀ-ਲਿਖਣ ਕੌਸ਼ਲ ਤੇ ਅਧਾਰਿਤ

Unit 7

ਕਹਾਣੀ-ਦੁੱਧ ਤੇ ਪੁੱਤ
ਵਿਆਕਰਣ-ਮੁਹਾਵਰੇ ਅ ਅੱਖਰ ਵਾਲੇ, ਕਿਰਿਆ
ਅਣਡਿੱਠੀ ਕਾਵਿ ਟੁਕੜੀ
ਗਤੀਵਿਧੀ-ਪੜ੍ਹਨ ਤੇ ਸੁਣਨ ਕੌਸ਼ਲ ਤੇ ਅਧਾਰਿਤ

Unit 8

ਜੀਵਨੀ-ਕਲਪਨਾ ਚਾਵਲਾ

ਵਾਰਤਕ-ਸਵੈ-ਰੱਖਿਆ

ਮੁਹਾਵਰੇ - ਏ ਅੱਖਰ ਵਾਲੇ

ਅਣਡਿੱਠਾ ਪੈਰਾ

ਲੇਖ ਵਿਚਾਰ ਪ੍ਰਧਾਨ ਅਤੇ ਆਮ ਵਿਸ਼ੇ

Unit 9

ਵਾਰਤਕ-ਪੰਜਾਬੀ ਵਿਰਸਾ

ਮੁਹਾਵਰੇ- ਸ ਅਤੇ ਹ ਅੱਖਰ ਵਾਲੇ

ਚਿੱਤਰ ਵਰਨਣ

Unit 10

ਇਕਾਂਗੀ-ਕਿਰਤ ਦਾ ਸਤਿਕਾਰ

ਗਤੀਵਿਧੀ-ਪੁਰਾਤਨ ਸੱਭਿਆਚਾਰ ਨਾਲ, ਸਬੰਧਿਤ

कक्षा 9वीं हिंदी 'ब' परीक्षा हेतु पाठ्यक्रम विनिर्देशन 2020 – 2021

परीक्षा भार विभाजन

	विषयवस्तु	उप भार	कुल भार
1	अपठित गद्यांश चिंतन क्षमता एवं अभिव्यक्तिकौशल पर अति लघूतरात्मक एवं लघूतरात्मक प्रश्न पूछे जाएँगे) अ अपठित गद्यांश (100 से 150 शब्दों के) (1×2=2) (2×4=8)	10	10
2	व्याकरण पाठ्यपुस्तक में दिए गए भाषा-अध्ययन के आधार पर (1×16) i शब्द और पद (2 अंक) ii अनुस्वार (1 अंक), अनुनासिक (1 अंक) iii उपसर्ग (2अंक), प्रत्यय (2 अंक) iv शब्द-विचार • श्रुतिसम भिन्नार्थक शब्द - 2 • पर्यायवाची- 2 • विलोम - 2 v अर्थ की दृष्टि से वाक्य भेद (2 अंक)	02 02 04 06	16
3	पाठ्यपुस्तक स्पर्श भाग-1 व पूरक पाठ्यपुस्तक संचयन भाग 1 अ गद्य खंड i पाठ्यपुस्तक स्पर्श के गद्य पाठों के आधार पर लघु प्रश्न (2×3) ii पाठ्य पुस्तक स्पर्श के निर्धारित पाठों (गद्य) पर एक निबंधात्मक प्रश्न (5×1) (विकल्प सहित) ब काव्य खंड i पाठ्यपुस्तक स्पर्श के काव्य खंड के आधार पर लघु प्रश्न (2×3) ii कविता की समझ पर आधारित एक निबंधात्मक प्रश्न (5×1) (विकल्प सहित) स पूरक पाठ्यपुस्तक संचयन भाग-1 संचयन के निर्धारित पाठों पर आधारित दो प्रश्न पूछे जाएँगे (3×2) (विकल्प सहित)	28 06 05 06 05 06	28
4	लेखन अ संकेत बिंदुओं पर आधारित समसामयिक एवं व्यावहारिक जीवन से जुड़े हुए विषयों में से किसी एक विषय पर 80 से 100 शब्दों में अनुच्छेद (6×1) (विकल्प सहित) ब औपचारिक विषय से संबंधित पत्रा(5×1) (विकल्प सहित) स संदेश लेखन (शुभकामना, पर्व-त्योहारों एवं विशेष अवसरों पर दिए जाने वाले संदेश (30-40 शब्दों में) (5×1) (विकल्प सहित) द किसी एक स्थिति पर 50-60 शब्दों के अंतर्गत संवाद लेखन (5×1) (विकल्प सहित) इ नारा-लेखन (स्तोत्र लेखन) 20-30 शब्दों में विषय से संबंधित लेखन (5×1) (विकल्प सहित)	6 5 5 5	26

कुल	80
5. (क) श्रवण तथा वाचन 10 – अंक	10
(ख) परियोजना 10 – अंक	10
कुल अंक	100

निर्धारित पुस्तकें :

1. स्पर्श, भाग-1, एन. सी.ई.आर.टी., नई दिल्ली द्वारा प्रकाशित नवीनतम संस्करण
2. संचयन, भाग-1, एन.सी.ई.आर.टी., नई दिल्ली द्वारा प्रकाशित नवीनतम संस्करण

UNIT -1

स्पर्श पुस्तक : पाठ दुख का अधिकार, रैदास के पद व्याकरण - अनौपचारिक पत्र, शब्द व पद

UNIT -2

स्पर्श पुस्तक : रहीम के दोहे, संचयन-गिल्लू व्याकरण-अनुच्छेद लेखन, विलोम

क्रिया कलाप : पशु पक्षियों के प्रति मानवीय व्यवहार' विषय पर अपने विचार प्रकट करें।

UNIT -3

स्पर्श पुस्तक : पाठ एक-6 एवरेस्ट मेरी शिखर यात्रा, संचयन-स्मृति व्याकरण-सवांद लेखन, पर्यायवाची

UNIT -4

स्पर्श पुस्तक :

पाठ - 11 पाठ धूल व्याकरण अनुस्वार, अनुनासिक, अपठित गद्यांश

क्रिया कलाप : किसी पर्वतीय यात्रा का वर्णन करें।

UNIT - 5

स्पर्श पुस्तक : तुम कब जाओगे, अतिथि व्याकरण-नारा लेखन, उपसर्ग, प्रत्यय, अनौपचारिक पत्र

क्रिया कलाप : 'अतिथि देवो भव' विषय पर अनुच्छेद लिखें।

UNIT - 6

स्पर्श पुस्तक : धर्म की आड़ व्याकरण-भिन्नार्थक शब्द, अनुच्छेद, पर्यायवाची

UNIT -7

स्पर्श पुस्तक : खुशबू रचते हैं हाथ व्याकरण-अर्थ की दृष्टि से वाक्य भेद, नारा लेखन

क्रिया कलाप : 'बाल मजदूरी' विषय पर दो मित्रों के मध्य संवाद लिखें।

UNIT - 8

संचयन पुस्तक : हामिद खाँ व्याकरण-संदेश लेखन, श्रुतिसम भिन्नार्थक, संवाद

UNIT - 9

स्पर्श पुस्तक : एक फूल की चाह, शब्द व पद, अपठित गद्यांश, विलोम

क्रिया कलाप : 'छुआछूत एक सामाजिक अभिशाप' विषय पर नारा लेखन करें।

UNIT - 10

स्पर्श पुस्तक :

पाठ - 15 (भाग - 2) खूशबू रचते हैं हाथ

संचयन पुस्तक दिये जल उठे

व्याकरण : पर्यायवाची, अनुस्वार, अनुनासिक, अनौपचारिक पत्र।

विशेष: श्रवण एवं वाचन कौशल का मूल्यांकन वर्णित या पठित सामग्री के आधार पर किया जाएगा।