ENGLISH

BOOKS PRESCRIBED :BEEHIVE - LITERATURE READER(NCERT)
       : MOMENTS-SUPPLEMENTARY READER (NCERT)
       : GRAMMAR PRACTICE WORKBOOK
BLUE PRINT ENGLISH   **MM: 80**

English Language and Literature 2018-19 (Code No. 184)

Typology	Testing competencies/ learning outcomes	VSAQ 1 mark	Short answer Questions 30-40 words 2 marks	Long answer Question-II 100-150 Words (HOTS) 8 marks	Very Long Answer Question 150-200 words (HOTS) 10 marks	Total
Reading Skills	Conceptual understanding, decoding, analyzing, inferring, interpreting and vocabulary.	12	04	---	---	20
Writing Skills and Grammar	Creative expression of an an opinion, reasoning, justifying, illustrating, appropriacy of style and tone, using appropriate format and fluency. Applying conventions, using integrated structures with accuracy and flu-ency.	12	---	01	01	30
Literature Textbook and Supplementary Reading Text	Recalling, rea-soning, appreciating, applying literary conventions, extrapolating, illustrating and justifying etc. Extracting relevant information, identifying the central theme and sub-themes, understanding the writers' message and writing fluently	04	05	02	----	30
Total		28 x 01 = 28 marks	09 x 02 = 18 marks	03 x 08 = 24 marks	01x10 = 10 marks	80 marks

Months	Literature Reader (Beehive)	Supplementary Reader (Moments)	Performance Based Activities	Compacta BBC	Writing And Reading section
April (Term-I) 1st Weekly Test Schedule 17 April , 2019	Chapter 1 The Fun They Had Chapter 2 . The Sound of Music Poem 1 The Road Not Taken Chapter 1 The Fun They Had,Poem -1 The road not taken ,Gap Filling,Re-Arrange The Sentences , Editing , Letter Writing , Story Writing	Moments 1.The Lost Child	Debate on the schools of Future will have no Books and Teachers.	Adverb Conditional sentences Practice of Editing , Gap Filling	Letter Writing Based on Placing Order Story Writing
May-June 2nd Weekly Test Schedule 29 May,2019	Chapter 3. The Little Girl Chapter 4. A Truly Beautiful Mind Poem 2 wind Poem 3 . Rain on the Roof Chapter-2 The Sound of Music,Chapter-3 The Little Girl Poem-2Wind, Moments- The Lost Child, Letter to Editor, Paragraph Writing, Letter Writing ,Gap filling,Editing	Moments 2. The Adventures of Toto	Discussion On " Changing Role Of Women In Society "	Phrases Verb Clauses Practice of Omission	Letter to Editor Paragraph Writing
July	Chapter 5. The Snake and the Mirror Chapter 6.My Childhood Poem 4 The Lake Isle of Innisfree	Moments 3. Iswaran the Storyteller	1role play based on 2. Surveys And Interviews 3.Role Play Based On Social Issues	Reported Speech Practice of Editing	Story writing Letter to Editor
August	Poem 5.A Legend of the Northland	Moments 4. In the Kingdom of Fools Moments 5. The Happy Prince	1.Book Review 2.Listening Activity Based On Text 3.ASL will be	Editing omission Use of Passive Voice Prefix	Revision

3rd Weekly Test Schedule 14 August,2019	**Chapter 4. A Truly Beautiful Mind, Poem 2 wind,Poem 3 . Rain on the Roof, Moments 3.Iswaran the Storyteller Clauses:(i) Noun clauses (ii) Adverb clauses of condition and time (iii) Relative clauses,Determiners,sentence reordering, story writng**	**held on 7 August,2018**			
Term End-I Exam					
October Term II	**Chapter 7. Packing Chapter 8. Reach for the Top Poem 6.No men are foreign**	**Moments 6. Weathering the Storm in Ersama**	**1.Arrange Short Talk 2.Show And Tell 3.Creative Writing**	**1.Tenses 2. Modals 3. Phrases**	**Article Writing**
4th Weekly Test Schedule 23 October,2019	**Chapter 7. Packing, Moments 6. Weathering the Storm in Erasama, poem -6 No men are foreign, Article Writing,Letter to Editor**				
November	**Chapter 9.The Bond of Love Chapter 10.Kathmandu Poem 7.The Duck and the Kangaroo**	**Moments 7. The last leaf**	**1. I Like People 2.Running Dictation 3.Debate**	**4. Subject – verb concord 5. ReportingCommands and requests (ii) Statements (iii) Questions**	**Debate Report writing**
December	**Chapter 11. If I were you Poem 8.On killing a tree Poem 9.The snake trying**	**Moments 8.A house is not a home**	**1. role play based on 2. Sentence Auction Based On Grammar Topic 3.Talk On "world human rights day"**	**Suffix Punctuation Practice of Omission**	**Story writing Diary Entry**
5thweeky test schedule 4 December,2019	**Chapter 8. Reach for the Top,Chapter 9.The Bond of Love Poem 7.The Duck and the Kangaroo,Moments 7. The last leaf , Article Writing ,Report Writing**				
January	**Poem 10. A slumber did my spirit seal**	**Moments 9.The accidental tourist Moments 10.The beggar**	**1.Book Review 2.Listening Activity Based On Text 3.ASL 24 January ,2019**	**Tenses,Editing,omission Sentence reordering 14.dialogue completion**	**Revision**
February	**Revision**	**Revision**	**1. Sentence Auction 2.Spell-Bee 3.Talk on India's Republic Day**	**Revision**	**Revision**
Annual Exam					

SCIENCE (Code No. 086 / 090)

Course Structure Class - IX (Annual Examination)

General Instructions :
1. There will be an Annual examination based on entire syllabus.
2. The annual examination will be of 80 marks and 20 marks weightage shall be for internal assessment.
3. Out of 80 marks annual examination, 68 marks weightage shall be for theory and 12 marks weightage shall be for practical based questions.
4. For internal assessment
   a. There will be six weekly tests conducted by the school. Average of the six tests to be taken that will have a weightage of 10 marks towards the final result.
   b. 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. Regularity, class work and home assignment completion along with neatness and upkeep of notebook will carry a weightage of 5 marks towards the final result.

DISTRIBUTION OF MARKS IN TERM END EXAMS

TYPES OF QUESTIONS	M.M.: 80
Very Easy Questions	30 Marks
Average Difficulty Level	25 Marks

Application Based	15 Marks
Higher Order Thinking Skills (HOTS)	10 Marks

I –TERM WEEKLY TEST SCHEDULE AND SYLLABUS

08-05-2019   **Chapter No. 1   Matter in our surrounding (Chemistry)**   **8 MARKS**
Characteristics of matter, latent heat concept, evaporation factors

Chapter No. 8   Motion (Physics)   **7 MARKS**
Distance and displacement, velocity, uniform and non- uniform motion, distance-time and velocity-time graphs

Chapter No. 5   The Fundamental Unit Of Life (Biology)   **8 MARKS**
Prokaryotic cell and eukaryotic cell, cell organalles

17-07-2019   **Chap No. 6   Tissues (Biology)**   **8 MARKS**
Meristematic and permanent tissues in plants

Chap No. 2   Is Matter Around us Pure? (Chemistry)   **7 MARKS**
Mixtures, colloid, suspension, chromatography, centrifugation, sublimation, crystallization

Chap No. 9   Force and Laws of motion (first law and their applications) (Phys) 8 M
Newton's Laws of motion, Inertia of body, mass, momentum, force and acceleration

BLUE PRINT OF WEEKLY TEST

TIME: 45 MINUTES   **M.M.: 25**

Sr. No.	TYPOLOGY OF QUESTIONS	No. of Questions	TOTAL MARKS 25
1.	Very Short Answer (VSA) 1 Mark	2	2
2.	Short Answer- I (SA I) 2 Marks	2	4
3.	Short Answer- II (SA II) 3 Marks	4	12
4.	Long Answers (LA) 5 Marks	1	5
	TOTAL QUESTIONS	9	23
	HANDWRITING		2

DISTRIBUTION OF MARKS IN WEEKLY TEST

TYPES OF QUESTIONS	M.M.: 23+2
Very Easy Questions	8 Marks
Average Difficulty Level	7 Marks
Application Based	4 Marks
Higher Order Thinking Skills (HOTS)	4 Marks

DISTRIBUTION OF MARKS IN CHAPTERS   Marks: 80

Unit No.	Unit	Marks
I	Matter - Its Nature and Behaviour	23
	1. Matter in our surrounding	5
	2. Is Matter Around us Pure?	6
	3. Atoms and Molecules	6
	4. Structure of an atom	6
II	Organisation in the Living World	20
	1. Cell – The unit of Life	5
	2. Tissues	5
	3. Biological Diversity	5
	4. Why do we fall ill?	5
III	Motion, Force and Work	27
	1. Motion	6
	2. Force and Laws of motion	6
	3. Gravitation and Floatation	5
	4. Work, Power and Energy	5
	5. Sound	5
IV	Our Environment	06
V	Food; Food Production	04
	Total	80
	Internal assessment	20

		Grand Total	**100**

QUESTION PAPER DESIGN FOR SCIENCE
CLASS – IX

TIME– 3HRS   **BLUE PRINT**

M.M.: 80

Sr. No.	TYPOLOGY OF QUESTIONS	No. of Questions	TOTAL MARKS 80
1.	Very Short Answer (VSA) 1 Mark	2	2
2.	Short Answer- I (SA I) 2 Marks	3	6
3.	Short Answer- II (SA II) 3 Marks	10	30
4.	Long Answers (LA) 5 Marks	6	30
5.	Practical Based Questions (PBQs) 2 Marks	6	12

1. Question paper will consist of 27 questions.

2. All questions would be compulsory. However, an internal choice will be provided in three questions of 3 marks each, two questions of 5 marks each and one question (for assessing the practical skills) of 2 marks.

APRIL

CHEMISTRY **Chapter No. 1** **Matter in our surrounding**   **(5 Marks)**

Definition of matter; solid, liquid and gas; characteristics - shape, volume, density; change of state-melting (absorption of heat), freezing, evaporation (cooling by evaporation), condensation, sublimation.

PRACTICALS: To study the process of sublimation of ammonium chloride.

BIOLOGY: **Chapter No. 5** **The Fundamental Unit Of Life**

Cell as a basic unit of life; prokaryotic and eukaryotic cells, multicellular organisms; cell membrane and cell wall, cell organelles and cell inclusions; chloroplast, mitochondria, vacuoles, endoplasmic reticulum, Golgi apparatus; nucleus, chromosomes - basic structure, number.

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

PHYSICS   **Chapter No. 8** **Motion**

Distance and displacement, velocity; uniform and non-uniform motion along a straight line; acceleration, distance-time and velocity-time graphs for uniform motion and uniformly accelerated motion, derivation of equations of motion by graphical method; elementary idea of uniform circular motion.

PRACTICALS: Determination of the speed of a pulse propagated through a stretched string / slinky.

MAY

CHEMISTRY   **Chapter No. 2:**   **Is Matter Around Us Pure?**

Elements, compounds and mixtures. Heterogeneous and homogenous mixtures, colloids and suspensions.

PRACTICALS: 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 distinction between these on the basis of
● transparency
● filtration criterion
● stability

2. Preparation of a) a mixture   b) a compound using iron filings and sulphur powder and distinction between these on the basis of:
        (i) appearance, i.e., homogeneity and heterogeneity
        (ii) behaviour towards a magnet
        (iii) behaviour towards carbon disulphide as a solvent
        (iv) effect of heat

3. Separation of the components of a mixture of sand, common salt and ammonium chloride

4. 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.

5. Determination of the melting point of ice and the boiling point of water.

BIOLOGY   **Chapter No. 6   Tissues**

Structure and functions of animal and plant tissues (only four types of tissues in animals; Meristematic and Permanent tissues in plants).

PRACTICALS: 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: **Chapter No. 9   Force and Laws of motion**

Force and Motion, Newton's Laws of Motion, Action and reaction forces, Inertia of a body, Inertia and mass, Momentum, Force and Acceleration. Elementary idea of conservation of Momentum.

JULY

BIOLOGY: **Chapter No. 15   Improvement in Food Resources**

Plant and animal breeding and selection for quality improvement and management; Use of fertilizers and manures; Protection from pests and diseases; Organic farming.

PHYSICS: **Chapter No. 10   Gravitation**

Gravitation; Universal Law of Gravitation, Force of Gravitation of the earth (gravity), Acceleration due to Gravity; Mass and Weight; Free fall.

AUGUST
REVISION OF I-TERM

SEPTEMBER
EXAMINATION

II–TERM WEEKLY TEST SCHEDULE AND SYLLABUS

03-10-2019   **Chapter No. 3   Improvement in Food Resources (Biology)   8 MARKS**
Crop patterns, fertilizers and manures, crop protection management, cattle husbandary

Chapter No. 10 Gravitation (Physics)   7 MARKS
Universal Law of gravitation, acceleration due to gravity, free fall

Chapter No. 2 Is Matter Around Us Pure?   8 MARKS
Homogeneous and heterogeneous mixture, elements and compound, distillation, evaporation and purification of water

13-11-2019   **Chapter No. 7   Diversity in Living Organisms (Biology)   8 MARKS**
Need of classification, four kingdoms—monera, protista, fungi and plantae

Chapter No. 3   Atoms and Molecules (Chemistry)   7 MARKS
Laws of chemical combination, Dalton theory, mole concept- numerical

Chapter No. 11 Work and Energy (Physics)   8 MARKS
Work done by force, potential and kinetic energy, law of conservation of energy

24-12-2019   **Chapter No. 14 Natural Resources (Biology)   7 MARKS**
Bio-geochemical cycles- carbon, nitrogen, oxygen, water and ozone concept

Chapter No. 4   Structure of an Atom (Chemistry)   7 MARKS
Thomson, Rutherford, Bohr model of an atom, molecular formulae, isotopes, isobars

Chapter No. 12 Sound (Physics)   9 MARKS
Speed of sound, range of hearing, SONAR, structure of human ear

OCTOBER

CHEMISTRY **Chapter No. 3 Atoms and Molecules**

Atoms and molecules, Law of constant proportions, Atomic and molecular masses. Mole concept : Relationship of mole to mass of the particles and numbers.

PRACTICAL: Verification of the law of conservation of mass in a chemical reaction.

BIOLOGY   **Chapter No. 7 Diversity in Living Organisms**

Diversity of plants and animals - basic issues in scientific naming, basis of classification. Hierarchy of categories / groups, Major groups 64 of plants (salient features) (Bacteria, Thallophyta, Bryophyta, Pteridophyta, Gymnosperms and Angiosperms). Major groups of animals (salient features) (Nonchordates upto phyla and chordates upto classes).

PRACTICALS: **1.** Study of the characteristics of Spirogyra / Agaricus, Moss / Fern, Pinus (either with male or female cone) and an Angiospermic plant. Drawing and providing two identifying features of the groups they belong to.

2. Observing the given pictures / charts / models of earthworm, cockroach, bony fish and bird. For each organism, drawing of their picture and recording : a) one specific feature of its phylum. b) one adaptive feature with reference to its habitat.

3. Study of the external features of root, stem, leaf and flower of monocot and dicot plants.

PHYSICS: **Chapter No. 11**   **Work and Energy**

Work done by a Force, Energy, Power; Kinetic and Potential energy; Law of conservation of energy.

NOVEMBER

CHEMISTRY: Chapter No. 4 Structure of the atom

Electrons, protons and neutrons, valency, chemical formula of common compounds. Isotopes and Isobars.

BIOLOGY: **Chapter No. 13**   **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) and their prevention; Principles of treatment and prevention. Pulse Polio programmes.

PHYSICS: **Chapter No. 10**   **Floatation**

Thrust and Pressure. Archimedes' Principle; Buoyancy; Elementary Idea of Relative Density.

PRACTICALS: **1.** Determination of the density of solid (denser than water) by using a spring balance and a measuring cylinder.

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.

DECEMBER

BIOLOGY   **Chapter No. 14**   **Natural Resources**

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 and Nitrogen.

PHYSICS: **Chapter No. 12**   **Sound**

Nature of sound and its propagation in various media, speed of sound, range of hearing in humans; ultrasound; reflection of sound; echo and SONAR. Structure of the Human Ear (Auditory aspect only).

PRACTICALS: **1.** Verification of the Laws of reflection of sound.

JANUARY AND FEBRUARY

REVISION OF FULL ANNUAL SYLLABUS

SOCIAL SCIENCE

OBJECTIVES

- To play an important role in developing well defined-abilities in cognitive, affective and psychomotor domains.
- To provide plentiful opportunities to engage the children in observing, recording, observations, drawing, tabulations, graphs etc.

DISTRIBUTION OF MARKS IN TERM END EXAMS

TYPES OF QUESTIONS	M.M.: 80
Very Easy Questions	30 Marks
Average Difficulty Level	25 Marks
Application Based	15 Marks
Higher Order Thinking Skills (HOTS)	10 Marks

DISTRIBUTION OF MARKS IN WEEKLY TEST

TYPES OF QUESTIONS	M.M.: 25
Very Easy Questions	10 Marks
Average Difficulty Level	7 Marks
Application Based	4 Marks

Higher Order Thinking Skills (HOTS)	4 Marks

BLUE PRINT OF WEEKLY TEST

TIME: 45 MINUTES   M.M.: 25

Sr. No.	TYPOLOGY OF QUESTIONS	No. of Questions	TOTAL MARKS 25
1.	Very Short Answer (VSA) 1 Mark	5	5
2.	Short Answer- 3 Marks	5	15
3.	Long Answers (LA) 5 Marks	1	5
	TOTAL QUESTIONS	11	25

QUESTION PAPER DESIGN FOR SOCIAL SCIENCE
CLASS– IX

TIME– 3HRS   BLUE PRINT

M.M.: 80

Sr. No.	TYPOLOGY OF QUESTIONS	No. of Questions	TOTAL MARKS 80
1.	Very Short Answer (VSA) 1 Mark	7	7
3.	Short Answer 3 Marks	11	33
4.	Long Answers (LA) 5 Marks	7	35
5.	MAP GEO -3M+HIS -2M	2	5
	TOTAL	27	80

1. Question paper will consist of 27 questions.

2. All questions would be compulsory. However, an internal choice will be provided in three questions of 3 marks each, two questions of 5 marks each and one question (for assessing the practical skills) of 2 marks.

Ist term

DISTRIBUTION OF MARKS IN CHAPTERS   Marks: 80

	Unit	Marks
	GEOGRAPHY	**20**
	1. INDIA'S SIZE AND LOCATION	6
	2.PHYSICAL FEATURES OF INDIA	8
	3. DRAINAGE	6
	ECONOMICS	**20**
	1. THE STORY OF VILLAGE PALAMPUR	4
	2. PEOPLE AS A RESOURCE	3
	3. POVERTY AS A CHALLENGE	8
	4. FOOD SECURITY IN INDIA	5
	CIVICS	**20**
	1. WHAT IS DEMOCRACY AND WHY DEMOCRACY?	8
	2. CONSTITUTIONAL DESIGN	6
	3. ELECTORAL POLITICS	6
	HISTORY	**20**
	FRENCH REVOLUTION	10
	FOREST SOCIETY AND COLONIALISM	10
	TOTAL	80
	Internal assessment	20
	Grand Total	100

IIND term

DISTRIBUTION OF MARKS IN CHAPTERS   Marks: 80

	Unit	Marks
	GEOGRAPHY	**20**

	1. INDIA'S SIZE AND LOCATION	1
	2.PHYSICAL FEATURES OF INDIA	2
	3. DRAINAGE	1
	4.CLIMATE	6
	5. NATURAL VEGETATION AND WILDLIFE	5
	6. POPULATION	5
	ECONOMICS	20
	1. THE STORY OF VILLAGE PALAMPUR	4
	2. PEOPLE AS A RESOURCE	3
	3. POVERTY AS A CHALLENGE	8
	4. FOOD SECURITY IN INDIA	5
	CIVICS	20
	1. WHAT IS DEMOCRACY AND WHY DEMOCRACY?	5
	2. CONSTITUTIONAL DESIGN	4
	3. ELECTORAL POLITICS	3
	4.WORKING OF INSTITUTIONS	5
	5. DEMOCRATIC RIGHTS	3
	HISTORY	20
	FRENCH REVOLUTION	5
	NAZISM AND RISE OF HITLER	5
	RUSSIAN RECOLUTION	5
	FOREST SOCIETY AND COLONALISM	5
	TOTAL	80
	Internal assessment	20
	Grand Total	100

WEEKLY TEST

First term

1. MAY WEEKLY TEST 22-05-2019

The Story of Village Palampur   (13m)

People as Resource (12m)

2. WEEKLY TEST 07-08-2019

India's size and location (10)

The French revolution (15m)

IInd term

3. WEEKLY TEST 16-10-2019

 Forest Society and Colonialism   (13M)

Working of institutions   (12M)

4. **WEEKLY TEST 27-11-2019**

DEMOCRATIC RIGHTS (10M)

Nazism and the Rise of Hitler   (15M)

5. **WEEKLY TEST 22-01-2019**

Climate (15m)

Food security in India (10M)

MONTH	TOPIC	ACTIVITY
APRIL.-(ECONOMICS) CH- 1 AND 2	The Story of Village Palampur	**Theme I:** Give more examples of activities done by different workers and farmers. Numerical problems can also be included. Some of the ways through which description of villages are available in the writings of Prem Chand, MN Srinivas and RK Narayan. They may have to be referred.
	People as Resource:	**Theme II:** Discuss the impact of unemployment. Debate on whether all the activities done by women should be included or not. Is it necessary to reduce population growth or family size? Discuss.
GEOGRAPHY CH.1	India : size and location	**Ch- 1**-India-States with Capitals, Tropic of Cancer, Standard Meridian, Southern most, northern most, eastern most and western most point of India (Location and Labelling)
Civics CH – 2	2 What is democracy and why democracy	**CH.2.**Most newspapers have an editorial page .on that page newspaper publishes its opinion about current affairs. Follow any one newspaper for one month and collect editorials, articles on that page that have anything to do with democracy like citizen's rights, electoral politics and criticism of democracy.
MAY- HISTORY – CH.-1 ,4	1.The French Revolution	**History Chapter-1: The French Revolution Outline map of France (For locating and labelling/Identification) Ø Bordeaux Ø Nantes Ø Paris Ø Marseilles**
	4. Forest Society and Colonialism	**Ch.- 4 Discuss the social and cultural world of forest communities through the study of specific revolts. Understand how oral traditions can be used to explore tribal revolts**
ECONOMICS CH.- 3 AND 4	3. Poverty as a Challenge	**CH. 3Prepare a report on the basis of survey 2011 minimum ssbsistence level determined , three states with highest poverty ratio , three states with the lowest poverty ratio, areas of the globe which has the largest number of poor , areas where poverty ratio has declined**
	4.Food security in India.	**.** **CH-4Visit a few farms in a village and collect the details of foodgrains cultivated. Visit a nearby ration shop and collect the details of goods available. Visit a regulated market yard and observe how goods are** transacted and get the details of the places where the goods come and go.
Goe Ch 2	physical features of India	**CH-2 : PHYSICAL FEATURES OF INDIA Mountain Ranges: The Karakoram, The Zasker,TheShivalik, The Aravali, The Vindhya, The Satpura, Western & Eastern Ghats Mountain Peaks – K2, KanchanJunga, AnaiMudi, Plateau -Deccan Plateau, Chotta Nagpur Plateau, Malwa plateau Coastal Plains- Konkan, Malabar, Coromandal& Northern Circar (Location and Labelling**)
SUMMER VACATION		

JULY CIVICS.-CH-3and 4	3. Constitutional Design	**CH-3Compare the preambles of the constitution of USA, India and south Africa** **A)Make a list of the ideas that are common to all these three , one of the major difference among these ,.**
	4. electoral politics	**CH-4Collect the information on the local level elections held in your area main agenda , information about people's demands , slogans used by the candidates events on the day of election and counting and final outcome.**
GEOGRAPHY CH.- 3	3.DRAINAGE	**CH-3a)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, Vembanad, Kolleru**
AUGUST SEPTEMBER	**Revision** **SA 1 EXAMS**	
OCTOBER – GEOGRAPHY -4	4. CLIMATE	**: CLIMATE 1. Cities to locate :Tiruvananthpuram, Chennai, Jodhpur, Bangalore, Mumbai, Kolkata, Leh, Shillong, Delhi, Nagpur. (Location and Labelling) 2. Areas receiving rainfall less than 20 cm and over 400 cm (Identification only**
Civics chapter 5,6	WORKING OF INSTITUTION ,	**Collect the newspaper for the last one week and classify the newsrelated to the working of the any of the institutions like :legislature , political executive, civil services and judiciary.**
	DEMOCRATIC RIGHTS	**Write about state human rights commission and its activities in your state**

November-History ch -3	Nazism and the Rise of Hitler	Chapter-3: Nazism and the Rise of Hitler Outline map of World (For locating and labelling/Identification) Ø Major countries of Second World War Axis Powers – Germany, Italy, Japan Allied Powers – UK, France, Former USSR, USA Ø Territories under German expansion (Nazi power) Austria, Poland, Czechoslovakia(only Slovakia shown in the map), Denmark, Lithuania, France, Belgium
GEO CH-5	5. NATURAL VEGETATION AND WILDLIFE	CH-5 : NATURAL VEGETATION AND WILD LIFE Vegetation Type : Tropical Evergreen Forest, Tropical Deciduous Forest, Thorn Forest, Montane Forests and MangroveFor 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)
GEO CH-6	6.POPULATION	CH-6 POPULATION (location and labelling) The state having highest and lowest density of population The state having highest and lowest sex ratio Largest and smallest state according to area
HIS CH 4	Socialism in Europe and Russian revolution	chapter-2: Socialism in Europe and the Russian Revolution Outline map of World (For locating and labelling/Identification) Ø 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)
December JANUARY, FEBRUARY	REVISION	
MARCH	FINAL EXAMS.	

MATHEMATICS

April: Unit - I : Number Systems

1. Real Numbers

Review of representation of natural numbers, integers, rational numbers on the number line. Representation of terminating/non-terminating recurring decimals, on the number line through successive magnification. Rational numbers as recurring/terminating decimals.

Examples of non-recurring/non-terminating decimal such as $\sqrt{2}, \sqrt{3}, \sqrt{5}$ etc. Existence of non-rational numbers (irrational numbers) such as $\sqrt{2}$, $\sqrt{3}$ and their representation on the number line.

Explaining that every real number is represented by a unique point on the number line and conversely, every point on the number line represents a unique real number.

Existence of $\sqrt{x}$ for a given positive real number x (visual proof to be emphasized).

Definition of nth root of a real number.

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.)

Rationalization (with precise meaning) of real numbers of the type (& their combinations)

$\frac{1}{a+b\sqrt{1}}$&$\frac{1}{\sqrt{x}}$ Where x and y are natural number and a,b are integers.

Activity: To draw Square-root spiral on number line.

Chapter : Real Number & Basic information of mathematics

WK. TEST – 1 : Ex- 1.2 ,1.2 & 1.3 on 24/4/19

Unit III   : Geometry

Introduction to Euclid's Geometry

History- Euclid and geometry in India. Euclid's method of formalizing observed phenomenon into rigorous mathematics with definitions, common/ obvious notions, axioms/ postulates and theorems. The five postulates of Euclid. Equivalent versions of the fifthe postulate. Showing the relationship between axiom and theorem.

1. Given two distinct points, there exists one and only one line through them.

2. (Prove) two distinct lines cannot have more than one point in common.

Activity : To draw $\sqrt{2}$ + $\sqrt{3}$ on a number line.

May : Unit II : Algebra

Ch:2- Polynomials

Definition of a polynomial in one variable, its coefficients , with examples and counter examples, its terms, zero polynomial. Degree of a polynomial.Constant, linear, quadratic, cubic polynomials;monomials, binomials, trinomials. Factors and multiples. Zeros/roots of a polynomial/equation/ State and motivate the Remainder Theorem with examples and analogy to integers. Statement and proof of the Factor Theorem. Factorization of $ax^2 + bx + c$, a ≠ 0 where a,b,c are real numbers, and of cubic plynomials using the Factor Theorem. Recall of algebraic expressions and identities. Further identities of the type

$(x + y + z)^2 = x^2 + y^2 + z^2 + 2xy + 2yz + 2zx$, $(x+y)^3 = x^3 + y^3 + 3xy(x+y)$, $(x - y)^3 = x^3 - y^3 - 3xy(x-y)$

$x^3 + y^3 + z^3 - 3xyz = (x + y + z)(x^2 + y^2 + z^2 - xy - yz - zx)$

and their use in factorization of polynomials. Simple expressions reducible to these polynomials.

Activities : Verification of $(a+b)^2 = a^2 + b^2 + 2ab$

$(a-b)^2 = a^2 + b^2 - 2ab$

Ch: IV .Coordinalte Geometry

The Cartesian plane, coordinates of a point, names and terms associated with the coordinate plane, notations, plotting points in the plane, graph of linear equations as examples; focus on linear equations of the type $ax + by + c = 0$ by writing it as $y = mx + c$ and linking with the chapter on linear equations in two variables.

Activity : Locate the points on two-dimensional plane.

June   : Summer Vacations

 July   : Lines & Angles

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, the 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 interiors opposite angles.

Activity: (i) The sum of three angles of triangle is 180°.

   (ii) Exterior angles of triangle is equal to sum of two opposite interiors angles.

WK. TEST – 2 : Ex – 1.4,1.5 ,1.6 and CH. – 2 , 3 full on 10/7/19

Triangles

1. (Motivate) Two triangles are congruent if any two sides and the included angle of one triangle is equal to any two dises and the included angle of the other triangle (SAS Congruence).

2. (Prove) Two triangles are congruent if any two angles and the included side of one triangle is equal to any two angles and the included side of the other triangle (ASA Congruence).

3. (Motivate) Two triangles are congruent if the three sides of one triangle are equal to three sides of the other triangle (SSS Congruence).

4. (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.

5. (Prove) The angles opposite to equal sides of a triangle are equal.

6. (Motivate) The sides opposite to equal angles of a triangle are equal.

7. (Motivate) Triangle inequalities and relation between 'angle and facing side' inequalities in triangles.

August   : Unit V : Mensuration

1. Areas

Area of a triangle using Heron's formula (without proof) and its application in finding the area of a quadrilateral.

WK. TEST – 3 :   CH.- 6

September   : Term – I exam

October   : Unit II: Algebra(Contd.)

2. Linear Equations in Two Variables.

Recall of linear equations in one variable, Introduction to the equation in two variables. Prove that a linear equation in two variables has infinitely many solutions and justify their being written as ordered pairs of real numbers, plotting them and showing that they seem to lie on a line. Examples, problems from real life, including problems on Ration and Proportion and with algebraic and graphical solutions being done simultaneously.

Activity   : To draw the graph of given linear equations in two variables and find area.

Unit VI: Statistics and Probability

1. Statistics : Introduction to Statistics : Collection of data, Presentation of data - tabular form, ungrouped/ grouped, bar graphs , histograms (with varying base lengths), frequently polygons, qualitative analysis of data to choose the correct form of presentation for the collected data.

Mean, median, mode of ungrouped data.

2. Probability : 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 example used in the chapter on statistics).

Activity: Collection of data and representing the information on graph

WK. TEST – 4 : CH. – 4, 14 on 30/10/19

November :Unit V : Mensuration

Surface area & volume of cubes, cuboids, cylinder, cone, sphere & hemisphere.

Activity: To find the Surface Area & Volume of cylinder & cone by Activity Method.

4. Quadrilaterals

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 parallelgram , 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 (motivate) its converse.

Activity : Midpoint Theorem

5. Area

Review concept of area, recall area of a rectangle.

1. (Prove) Parallelograms on the same base and between the same parallels have the same area.

2. (Motivate) Triangles on the same base and between the same parallels are equal in area and its converse.

Activity : Parallelogram on the same base and between the same parallel area equal in area.

December : Constructions -

1. Construct the bisectors of line segments & angles.

2. Construction of a triangle given its base, sum or difference of the other two sides and one base angle.

3. Construction of a triangle of given perimeter and base angles.

Unit III : Geometry (Contd.)

Circles : Through examples, arrive at definition of circle and related concepts- radius, circumference, diameter chord, arc, subtended angle.

1.(Motivate)Equal chords of a circle subtend equal angles at the center and () 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) There is one and only one circle passing through three given non-collinear points.

4. (Motivate) Equal chords of a circle (or of congruent circles) are equidistant from the center(s) and conversely.

5.(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.

6. (Motivate) Angles in the same segment of a circle are equal.

7. (Motivate) If a line segment joining two points subtends equal angle at two other points lying on the same side of the line containing the segment, the four points lie on a circle.

8. (Motivate) The sum of the either pair of the opposite angles of a cyclic quadrilateral is 180 and its converse.

Activity : Angle subtended by an arc at the centre is double the angle subtended by it at any point on remaining part of the circle.

WK. TEST – 5 : CH – 13 & 15 on 11/12/19

January : Pre- Board Exams

February: Revision

March : Term – II

Blue print of term 1 (ch: 1,2,3,5,6,7,12)

chapter	1 mark	2 mark	3 mark	4mark	total
1	1	1	2	1	12
2	1	1	2	2	16
3	1	1	1		6
5	1	1			3
6	1	1	1	2	14
7		1	2	2	16
12	1		2	1	11

ਪੰਜਾਬੀ – **004**
ਨਿਰਧਾਰਿਤ ਪਾਠ ਪੁਸਤਕਾਂ ਸਮੇਤ ਸਲਾਨਾ ਪਾਠਕ੍ਰਮ
1. ਸਾਹਿਤਕ ਕਿਰਨਾਂ-**1**
2. ਸਾਹਿਤਕ ਰੰਗ-**1**

ਅਪ੍ਰੈਲ:-
1. ਸਾਹਿਤਕ ਕਿਰਨਾਂ-**1**   :-ਫਰੀਦਾ ਜੇ ਤੂ ਅਕਲਿ ਲਤੀਫ (ਸ਼ੇਖ ਫਰੀਦ),ਕਬੱਡੀ
2. ਸਾਹਿਤਕਰੰਗ –**1**   :-ਇੱਕ ਸਧਾਰਨ ਆਦਮੀ
3. ਵਿਆਕਰਨ-   :-ਵਿਰੋਧੀ ਸ਼ਬਦ ,ਵਿਸਮਿਕ
ਮਈ:-
1. ਸਾਹਿਤਕ ਕਿਰਨਾਂ-**1**   :-ਸਿੰਮਲ ਰੁੱਖ ਸਰਾਇਰਾ (ਸ੍ਰੀ ਗੁਰੂ ਨਾਨਕ ਦੇਵ ਜੀ)
2. ਸਾਹਿਤਕਰੰਗ –**1**   :-ਇਕਾਂਗੀ-ਕਿਰਤ ਦਾ ਸਤਿਕਾਰ
3. ਵਿਆਕਰਨ-   :-ਲਿੰਗ ਬਦਲੋ , ਮੁਹਾਵਰੇ (ੳ ਤੋਂ ਹ)
4. ਸਪਤਾਹਿਕ ਪ੍ਰੀਖਿਆ (੧) :- ਇੱਕ ਸਧਾਰਨ ਆਦਮੀ, ਜੇ ਤੂ ਅਕਲਿ ਲਤੀਫ (ਸ਼ੇਖ ਫਰੀਦ)
           ਵਿਰੋਧੀ ਸ਼ਬਦ (ਬਹੁ-ਵਿਕਲਪੀ) , ਅਣਡਿੱਠਾ ਪੈਰਾ,ਅਣਡਿੱਠੀ ਕਾਵਿ-ਟੁਕੜੀ
ਜੁਲਾਈ:-
1. ਸਾਹਿਤਕ ਕਿਰਨਾਂ-**1**   :-ਸਮਾਂ (ਭਾਈ ਵੀਰ ਸਿੰਘ) , ਗੱਪਬਾਜ਼
2. ਸਾਹਿਤਕ ਰੰਗ –**1**   :-ਪ੍ਰਦੇਸ ਨਾ ਤੂ ਤੋਰੀ ਬਾਬਲਾ
3. ਵਿਆਕਰਨ-   :-ਸ਼ਬਦ-ਸ਼ੁੱਧੀ (ਵਾਕ ਰੂਪ ਵਿੱਚ) , ਤਸਵੀਰ ਵਰਨਣ. ਕਿਰਿਆ
4. ਸਪਤਾਹਿਕ ਪ੍ਰੀਖਿਆ (**2**) :-ਸਿੰਮਲ ਰੁੱਖ ਸਰਾਇਰਾ (ਸ੍ਰੀ ਗੁਰੂ ਨਾਨਕ ਦੇਵਜੀ) ਇਕਾਂਗੀ-ਕਿਰਤ ਦਾ ਸਤਿਕਾਰ
           ਲਿੰਗ ਬਦਲੋ, ਅਣਡਿੱਠੀ ਕਾਵਿ-ਟੁਕੜੀ,ਅਣਡਿੱਠਾ ਪੈਰਾ,, ਤਸਵੀਰ ਵਰਨਣ
ਅਗਸਤ:-
1. ਸਾਹਿਤਕ ਕਿਰਨਾਂ-**1**   :-ਮੈ ਪੰਜਾਬੀ , ਪੰਜਾਬ ਦੇ ਰਹਿਣ ਵਾਲਾ (ਫੀਰੋਜ਼ ਦੀਨ ਸ਼ਰਫ)
2. ਸਾਹਿਤਕਰੰਗ-**1**   :-ਕਰਤਾਰ ਸਿੰਘ ਸਰਾਭਾ
3. ਵਿਆਕਰਨ-   :-ਪੱਤਰ-ਰਚਨਾ (ਨਿਜੀ / ਦਫਤਰੀ) , ਲੇਖ (ਵਿਚਾਰ ਪ੍ਰਧਾਨ / ਆਮ ਵਿਸ਼ੇ)
4. ਸਪਤਾਹਿਕ ਪ੍ਰੀਖਿਆ (**3**) :- ਗੱਪਬਾਜ਼, ਮੁਹਾਵਰੇ (ੳ ਤੋਂ ਹ) , ਸ਼ਬਦ-ਸ਼ੁੱਧੀ (ਵਾਕ ਰੂਪ ਵਿੱਚ)
           ਅਣਡਿੱਠਾ ਪੈਰਾ,ਅਣਡਿੱਠੀ ਕਾਵਿ-ਟੁਕੜੀ,ਸਮਾਂ (ਭਾਈ ਵੀਰ ਸਿੰਘ), ਕਿਰਿਆ

ਸਤੰਬਰ-   ਛਿਮਾਹੀ ਪ੍ਰੀਖਿਆ

ਅਕਤੂਬਰ:-
1. ਸਾਹਿਤਕ ਕਿਰਨਾਂ-**1**   :-ਰੁੱਖ (ਸ਼ਿਵ ਕੁਮਾਰ ਬਟਾਲਵੀ)
2. ਸਾਹਿਤਕ ਰੰਗ –**1**   :-ਪ੍ਰਲਾਤ ਪਰੀ-ਕਲਪਨਾ ਚਾਵਲਾ
3. ਵਿਆਕਰਨ-   :-ਲੇਖ (ਵਿਚਾਰ ਪ੍ਰਧਾਨ / ਆਮਵਿਸ਼ੇ)(ਦੁਹਰਾਈ)

ਨਵੰਬਰ:-
1. ਸਾਹਿਤਕ ਕਿਰਨਾਂ-**1**   :- ਸਵੈ-ਰੱਖਿਆ , ਪੰਜਾਬੀ ਵਿਰਸਾ
2. ਸਾਹਿਤਕ ਰੰਗ –**1**   :-ਦੁੱਧ ਤੇ ਪੁੱਤ
੩.ਵਿਆਕਰਨ-   :-ਪੱਤਰ-ਰਚਨਾ (ਨਿਜੀ / ਦਫਤਰੀ) (ਦੁਹਰਾਈ)
4. ਸਪਤਾਹਿਕ ਪ੍ਰੀਖਿਆ(**4**)   :-ਰੁੱਖ (ਸ਼ਿਵ ਕੁਮਾਰ ਬਟਾਲਵੀ) ,ਪ੍ਰਲਾਤ ਪਰੀ-ਕਲਪਨਾ ਚਾਵਲਾ,ਵਿਸਮਿਕ ਅਣਡਿੱਠਾ ਪੈਰਾ,ਅਣਡਿੱਠੀ ਕਾਵਿ-ਟੁਕੜੀ,ਮੁਹਾਵਰੇ (ੳ ਤੋਂ ਹ)

ਦਸੰਬਰ:	ਦੁਹਰਾਈ

ਸਪਤਾਹਿਕ ਪ੍ਰੀਖਿਆ (5)	:-ਦੁੱਧ ਤੇ ਪੁੱਤ,ਨਿਰਧਨ (ਨੰਦ ਲਾਲ ਨੂਰਪੁਰੀ) , ਸਵੈ-ਰੱਖਿਆ,ਕਿਰਿਆ
ਅਣਡਿੱਠਾ ਪੈਰ੍ਹਾ,ਅਣਡਿੱਠੀ ਕਾਵਿ-ਟੁਕੜੀ
****
ਜਨਵਰੀ:-	ਦੁਹਰਾਈ
ਫਰਵਰੀ:-	ਦੁਹਰਾਈ
ਮਾਰਚ:-	ਸਲਾਨਾ ਪ੍ਰੀਖਿਆ

<u>हिंदी</u>

विषय चयन विशेषताएँ

- प्रस्तुत विषय चयन सी० बी० एस० ई० द्वारा निर्धारित एन० सी० आर० टी० की पाठ्यपुस्तकें संचयन और स्पर्श पर आधारित है।
- व्याकरण कार्य के लिए पुस्तक सरस्वती का निर्धारण किया गया है।
- पूर्ण पाठ्यक्रम दो भागों में बाँटा गया है।
- सी० बी० एस० ई० द्वारा प्रकाशित पाठ्यक्रम के अनुरुप पूर्ण विषयों का चुनाव किया गया हैं।
- पाठ्यक्रम की समाप्ती निर्धारण सीमा में ही करवाई जाएगी।

	परीक्षा हेतु भार विभाजन			
	विषयवस्तु		उप भार	कुल भार
1	पठन कौशल गद्यांश व काव्यांश पर शीर्षक का चुनाव, विषय-वस्तु का बोध, भाषिक बिंदु/संरचना आदि पर लघु प्रश्न एवं अति लघु प्रश्न			15
	अ	अपठित गद्यांश (200 से 250 शब्दों के) (2×4) (1×1)	09	
	ब	अपठित काव्यांश लघु प्रश्न (100 से 250 शब्दों के) (2×3)	06	
2	व्याकरण के लिए निर्धारित विषयों पर विषय-वस्तु का बोध, भाषिक बिंदु/संरचना आदि पर प्रश्न पूछे जाएंगे(1×15)			15
	1	वर्ण विच्छेद (2 अंक)	02	
	2	अनुस्वार (1 अंक), अनुनासिक (1 अंक)	02	
	3	नुक्ता (1 अंक)	01	
	4	उपसर्ग-प्रत्यय (3 अंक)	03	
	5	संधि (4 अंक)	04	
	6	विराम चिह्न (3 अंक)	03	
3	पाठ्यपुस्तक स्पर्श भाग-1 व पूरकपाठ्यपुस्तक संचयन भाग-1			
	अ	गद्य खण्ड		25
		1 विद्यार्थियों की साहित्य को पढ़कर समझ पाने की क्षमता के आकलन पर आधारित पाठ्यपुस्तक स्पर्श के गद्य पाठों के आधार पर लघु प्रश्न	05	

		(2×2) (1×1)		
	2	हिन्दी के माध्यम से अपने अनुभवों को लिखकर सहज अभिव्यक्ति कर पाने की क्षमता का आकलन करने पर आधारित पाठ्य पुस्तक स्पर्श के निर्धारित पाठों (गद्य) पर एक निबंधात्मक प्रश्न (1×5)	05	
	ब	काव्य खण्ड		
	1	कविताओं के विषय, काव्य बोध, अर्थ, बोध व सराहना को सरल शब्दों में अभिव्यक्ति करने की क्षमता पर आधारित पाठ्यपुस्तक स्पर्श के काव्य खंड के आधार पर लघु प्रश्न (2×2) (1×1)	05	
	2	कविताओं के अपने अनुभवों को लिखकर सहज अभिव्यक्ति कर पाने की क्षमता का आकलन करने पर एक निबंधात्मक प्रश्न (1×5) (विकल्प सहित)	05	
	स	पूरक पाठ्यपुस्तक संचयन भाग-1		
		पूरक पाठ्यपुस्तक 'संचयन' के निर्धारित पाठों से एक प्रश्न (5×1)	05	
4	लेखन			
	अ	संकेत बिंदुओं पर आधारित विषयों एवं व्यावहारिक जीवन से जुड़े हुए विषयों पर 80 से 100 शब्दों में अनुच्छेद (5×1) (विकल्प सहित)	05	
	ब	अभिव्यक्ति की क्षमता पर केन्द्रित अनौपचारिक विषय पर पत्र। (5×1) (विकल्प सहित)	05	25
	स	चित्र वर्णन (20-30 शब्दों) (5×1)	05	
	द	किसी एक स्थिति पर 50 शब्दों के अन्तर्गत संवाद लेखन (5×1)	05	
	इ	विषय में संबधित 20-25 शब्दों के अन्तर्गत विज्ञापन लेखन (5×1)	05	
	कुल			80

मौखिक परीक्षा	कुल भार	20
पाठ्यपुस्तक	5 अंक	
विषय ज्ञान	5 अंक	
साप्ताहिक परीक्षा	10 %	

कक्षा 9वीं हिन्दी 'ब'- संकलित परीक्षाओ हेतु पाठ्यक्रम विनिर्देशन
नोट: निम्नलिखित पाठों से प्रश्न नहीं पूछे जाएंगे।

स्पर्श (भाग-1)	• धूल • वैज्ञानिक चेतना के वाहक चंद्रशेखर वेंकट रामन • गीत-अगीत
संचयन (भाग-1)	• कल्लू कुम्हार की उनाकोटी • मेरा छोटा-सा निजी पुस्तकालय

1ST TERM

<p align="center">पुस्तक   सूची</p>

1 पुस्तक स्पर्श
2 पुस्तक संचयन
3 सरस्वती व्याकरण

<p align="center">अप्रैल</p>

पुस्तक संचयन   –   पाठ   गिल्लू   गद्य
पुस्तक स्पर्श   –   पाठ   रैदास के पद   पद्य
व्याकरण भाग   –   वर्ण विच्छेद ,   नुक्ता ,
पत्र लेखन   –   निमंत्रण पत्र , संवेदना पत्र ,

<p align="center">मई</p>

पुस्तक स्पर्श   –   पाठ   दुख का अधिकार   गद्य
पुस्तक संचयन   पाठ   स्मृति   गद्य
व्याकरण भाग   –   अनुस्वार , अनुनासिक , विराम –चिह्न
अनुच्छेद लेखन   पर्व , त्योहार , मेला ,यात्रा संबंधित

<p align="center">जून</p>

<p align="center">गर्मियों   की   छुट्टियाँ</p>

<p align="center">जुलाई</p>

पुस्तक स्पर्श –   पाठ   एवरेस्ट मेरी शिखर यात्रा   गद्य
पुस्तक स्पर्श –   पाठ   रहीम के पद   पद्य
व्याकरण भाग –   चित्र वर्णन , अपठित गद्यांश , अपठित
                        पद्यांश ,संधि

<p align="center">अगस्त</p>

पुस्तक स्पर्श –   पाठ तुम कब जाओगे अतिथि   गद्य
पुस्तक स्पर्श –   पाठ   आदमी   नामा   पद्य
व्याकरण भाग –   विज्ञापन ।
अनुच्छेद लेखन –   सूक्तिपरक – कवियों , लेखको ,   गुरुओं से संबंधित ।
पत्र लेखन   –   बधाई   पत्र ।

<p align="center">सितम्बर</p>

<p align="center">प्रथम परीक्षा हेतु पुनरावृति</p>

<p align="center">2 TERM</p>

<div align="center">अक्तूबर</div>

पुस्तक स्पर्श –   पाठ एक फूल की चाह , शुकतारे के समान   पद्य
व्याकरण भाग –   उपसर्ग , प्रत्यय ,   वर्ण विच्छेद
अनुच्छेद लेखन –   भारतीय राष्ट्रीय त्योहार, विद्यार्थी जीवन में कम हो रही अनुशासन।

पत्र   लेखन   –   शुभकामना पत्र , सूचना पत्र , सद्भावना पत्र व अन्य पत्र ।

<div align="center">नवम्बर</div>

पुस्तक स्पर्श –   पाठ अग्नि पथ   पद्य
पुस्तक संचयन –   पाठ हामिद खाँ   गद्य
व्याकरण भाग –   संवाद लेखन , चित्र वर्णन , संधि
अनुच्छेद लेखन –   नैतिक मूल्य व आदर्श , विज्ञान और
                     अनुसंधान संबंधित ।

<div align="center">दिसम्बर</div>

पुस्तक स्पर्श –   पाठ   कीचड का काव्य   गद्य
                      पाठ   धर्म की आड   गद्य
व्याकरण भाग –   पत्र लेखन –धन्यवाद पत्र
अनुच्छेद लेखन –   विविध समस्याओं से संबंधित व अन्य

<div align="center">जनवरी</div>

पुस्तक स्पर्श   पाठ नए इलाके में , खुशबू रचते है हाथ   पद्य
पुस्तक संचयन –   पाठ   दिए जल उठे   गद्य

<div align="center">फरवरी</div>
<div align="center">वार्षिक   परीक्षा हेतु पाठ्यक्रम   की पुनरावृति ।</div>

INFORMATION TECHNOLOGY

Class IX (402)

Total Marks: 100 (Theory – 50 + Practical- 50)

Theory:(Total 50)

Unit No.	Unit Name	Marks
Unit 1	**Fundamentals of computer**	**8**
Unit 2	**Mastering typing**	**8**
Unit 3	**Word Processing (basic)**	**4**
Unit 4	**Spreadsheet (basic)**	**8**
Unit 5	**Digital Presentation**	**6**
Unit 6	**E Mail Messaging (basic)**	**4**

Practical:(Total 50)

Practical work	Marks
Project /Practical Activities	**10**
Viva Based on Project	**10**
Practical File/Report or Portfolio	**10**
Demonstration of skill competency in lab activities	**20**

Month	Theme	Contents	Objective / Learning Outcome	Lab. Activity
APRIL	Unit-I Fundamentals of Computer	Introduction to computers, Parts of Computer system, Computer Fundamentals, Types of Computer, Computer Operating System, Performing Basic File Operation, Communication Technology ,Internet, WWW, Digital Technology and Media Devices, Computer Security and Privacy	After studying this course, you should be able to:understand what all the terms highlighted in bold in the text mean, 2. understand the fundamental hardware components that make up a computer's hardware and the role of each of these components,3understand the difference between an operating system and an application program, and what each is used for in a computer.4 describe some examples of computers and state the effect that the use of computer technology has had on some common products	1.Make a chart on the latest development in the application of MICR, OCR, and bar code reader. 2. students will prepare a presentation on the following topics:-**Types of RAM. Facts about the several types of ROM, IPO cycle , Operating systems and its types, Features of windows 7**
May	Unit –II Master Typing	Getting started with touch typing, Working on the rapid Software, Viewing Statistics, Working with lesson editor.	Learning outcomes are statements referring to the specific **knowledge**, practical skills. areas of professional development, attitudes, or higher-order thinking skills that instructors expect students to **develop**, learn, or master by the end of their learning	Practice of type writer
JUNE	**SUMMER VACATIONS**			
JULY	Unit-III Word Processing	Getting started with a word processor, Edit and save a Document, Identify elements of user interface, Formatting a Document , Check Spelling and Grammar, Copy Paste and cut Paste, Find and Replace Text, Create a List, Aligning the text,Views of a document, create a Table, format a table, Adding Borders and shadings, adjust margins and Orientation	After the completion of the ***course***, the students will be able to develop basic understanding of ***word documents***	1. create a document ,write few lines about yourself, save the document with name.docx. 2. open the name.docx document, select the text and make the first sentence bold, second underline and third italics .Make the font color Blue. Capitalize each word in the last sentence. 3. write down ways to save water. Transform it into a numbered list. Then convert it into bulleted list. Finally select the list and remove the bullets. 4. create a table with three columns and four rows in a document. Then insert a column to the left of the first column and to the right of the last column. now insert row above and row

				below the last row.
				5. collect the names and addresses of your classmates and type the text in tabular form. select the select the text and convert it into table format
AUGUST	REVISION FOR TERM –I & PRACTICALS			
SEPTEMBER	MID TERM EXAMS			
OCTOBER	Unit-IV SpreadSheets	Introduction of spreadsheet, manage a workbook, Enter data in a Spreadsheet, Basic Calculations, Insert Column and row, Format cell and its contents, Inventory management, Using currency symbols, Delete columns and rows, Spell check, Border the cells , Colours the cells	Students should be able to:Indicate the names and functions of the Excel interface components,Enter and edit data, Format data and cells.Construct formulas, including the use of built-in functions, and relative and absolute references.Create and modify charts.Preview and print worksheets. Use the Excel online Help feature.	1. create a new workbook, insert a new worksheet in it. Rename the worksheet with your name. Save the workbook with different name and finally delete the worksheet which was renamed. 2. create a spreadsheet that allows you to track your monthly income and expenses. Calculate the total monthly expenses. Enter your monthly income and then calculate your savings and save the file. 3. design the half yearly exams result of class IX. Follow the given instructions.,* using the sum function calculate the total marks obtained by the student.Copy the formula in rest rows.and calculate the percentage.
NOVEMBER	Unit –V Digital Presentation Unit-VI Email Messaging	Introduction to digital presentation, Viewing Presentation, Edit Text, Insert image in a presentation, add shapes, Presentation Themes, Change design of presentation, Arrange, delete and add Slides, Print Presentation Introduction to E-mail, Creating and E-mail Account, Link Email address to email Messages, Writing an Message, Receive and respond Messages, attach a file with message, print Message, Adding and modifying a contact, Using folders to organize messages.	Upon completion of the unit, students will be able to: a. Apply a wide range of relevant digital applications for creating digital presentations b. Explore the use of multimedia and virtual applications in fashion presentations c. Design, manage and execute professional presentations	Perform the following activities till you are confident: 1. Open a template to create a new presentation 2. Select the design layout and style 3. Change the background of the slides 4. Enter the text in the title slide 5. Add a new slide 6. Type the text in the new slide 7. Save the presentation
DECEMBER& JANUARY	REVISION FOR FINAL EXAMS & FINAL PRACTICALS			

PHYSICAL EDUCATION

Month	ACTIVITY	LEARNING OUTCOME
April	* Warming Up Exercises * Stretching exercises *Bhujang Asana(strand 2)	*Regular exercise often makes students feel more energetic, allow them to be more active. *Procedure, Benefits, Precautions, Contraindication
May	* Running * Jogging *Self Defense games –Kick Boxing,boxing,Karate&Wushu *Chkra Asana(strand 2)	*To develop speed, strength of student. *To builds self confidence and helps to develop self discipline * Procedure,Benefits,Precautions,Contraindication
June	Project on SEWA(HOLIDAYS HOME WORK)Strand 3	
July	Fundamental Skill of * Handball	*To educate the student about rules of game &prepare them for upcoming competition.

	* Athletic(track event) 100m,200m,400,,4*400m relay	* To increase knowledge about athletics & field measurements especially Starting point, size of lanes, curves& finish line.
	* Football	*Students will learn about team spirit ,cooperation and a focus on winning
	*Dhanur Asana(strand 2)	* Procedure, Benefits, Precautions, Contraindication
August	*Cricket	*Students will learn about Communication, Computation, Creative, critical & Analytical Thinking, Responsibility, and Discipline Content
	*Athletic(Field event))-LJ, HJ,TJ,SP,DT	* To increase knowledge about athletics field events
	*PavanMukt Asana(strand 2)	* Procedure, Benefits, Precautions, Contraindication
September	MID TERM EXAM(Project File, Practical File) (Health card)	
October	* March Past	*To prepared the student for marching.
	* March Past Formation	
	*Tad Asana(strand 2)	* Procedure ,Benefits, Precautions, Contraindication
November	*Volleyball	*To educate the students about the principles of volleyball& explain the techniques about the game.
	* Kabbdi	*concentrate and focus , sharpening their memories,
	*Sarvan Asana(strand 2)	* Procedure, Benefits, Precautions, Contraindication
December	* Slow and Pace Run	* To develop the endurance ability.
	* German Drill	* To strengthening the lower limbs muscles.
	*KapalBhati Asana(strand 2)	* Procedure, Benefits, Precautions, Contraindication
January	* Recreational activities	* To reduce stress and revision
February	FINAL EXAMS(Project File, Practical File) (Health &activity card)	

SANTHYA

Japji   Sahib

Tvai Prasad Savayie(Sravagh sudh)

Chaupai Sahib

Aanad Sahib

Rehraas Sahib

Kirtan Sohela Sahib