

English

April	-	Beehive	-	1. The Fun They Had (Story) The Road Not taken (Poem)
			-	2. The Sound of Music (Story) Wind (Poem)
		Moments	-	1. The Lost Child
		Grammar	-	1. Tenses 2. Modals
		Writing	-	Article Writing
May	-	Beehive	-	3. The Little Girl (Story) Rain on the Roof (poem)
		Moments	-	2. The Adventures of Toto. 3. Ishwaran the Story Teller.
		Grammar	-	3. Uses of Passive Voice 4. Subject Verb Agreement
		Writing	-	Descriptive Paragraph Writing (Person/ Place/ Event)
June	-	Beehive	-	4. A Truly Beautiful Mind
		Moments	-	4. In the Kingdom of Fools.
		Grammar	-	Revision
		Writing	-	Story Writing
				Periodic Test- 1 (Syllabus upto June 19)
July	-	Beehive	-	4. The Lake Isle to Innisfree (Poem)
		Moments	-	5. The Happy Prince
		Grammar	-	4. Subject Verb Agreement
		Writing	-	Diary Entry
Aug.	-	Beehive	-	5. The snake And The Mirror (Story) A Legend of the Northland (Poem)
		Moments	-	6. Weathering the Storm in Ersama
		Grammar	-	5. Reporting/ Narration (i) Comamnd and Request (ii) Statement

(iii) Question

		Writing	-	Revision
				Term-I Exams. (Syllabus upto Aug.19)
Sept.	-	Beehive	-	6. My Childhood (Story) No Man Are Foreign (Poem)
		Moments	-	7. The Last Leaf
		Grammar	-	Revision
		Writing	-	Revision
Oct.	-	Beehive	-	7. Packing (story) The Duck and the Kangaroo (Poem)
		Moments	-	8. A house is not a home.
		Grammar	-	6. Clauses (i) Noun Clause (ii) Adverb Clause (iii) Relative Clause
		Writing	-	Story Writing (Revision)
Nov.	-	Beehive	-	8. Reach for the Top. On Killing A Tree
		Moments	-	9. The Accidental Tourist
		Grammar	-	7. Determiners / Practice Editing
		Writing	-	Article Wriitng (Revision)
				Periodic Test-2 (Syllabus from Sept. to Nov.-19)
Dec.	-	Beehive	-	9. The Bond of Love (Story) The Snake Trying (Poem) 10. Kathmandu (Story)
		Moments	-	10. The Beggar
		Grammar	-	8. Preposition/ Gap Filling (Practice)
		Writing	-	Story Writing (Revision)
Jan.	-	Beehive	-	10. A Slumber Did My Spirit Seal (Poem) 11. IF I were You (Drama)
		Moments	-	Revision

	Grammar - Rearrangement of sentence (Practice)	
	Writing - Practice	
Feb.	Beehive - Revision	
	Moments - Revision	
	Grammar - Practice	
	Writing - Practice	
Mar.	Final Examination- 2019-20	

Note : Class Test will be conducted after completion of each chapter.

Hindi

अप्रैल	– क्षितिज-1	– दो बैलों की आत्मकथा(गद्य), साखियाँ एवं सबद(पद्य) (द्वितीय भाग 'सबद' का नहीं पढ़ना है)
	कृतिका-1	– मेरे संगत की औरतें (सरस्वती मानक हिन्दी व्याकरण के अनुसार)
	व्याकरण	– उपसर्ग (1-20) तत्सम उपसर्ग
	पत्र लेखन	– अनौपचारिक (व्यक्तिगत/पारिवारिक/सामाजिक)
	निबंध	– मेरे सपनों का भारत, भारतीय समाज में नारी का स्थान
मई	– क्षितिज-1	– लहासा की ओर(गद्य), बारव (पद्य)
	व्याकरण	– प्रत्यय (हिन्दी के प्रत्यय) + संस्कृत के कृत प्रत्यय
	पत्र लेखन	– औपचारिक (आवेदन/प्रार्थना)
	अपठित गद्यांश	– 1, 2, 3
	विज्ञापन	– 1, 2, 3
जून	– क्षितिज-1	– पुनरावृत्ति
	कृतिका-1	– पुनरावृत्ति
	व्याकरण	– उपसर्ग- तद्भव उपसर्ग+विदेशी उपसर्ग प्रत्यय- संस्कृत के तद्धित प्रत्यय/तत्सम् प्रत्यय
		मौखिक अभिव्यक्ति-वाद-विवाद (परिचर्चा)
जुलाई	– क्षितिज-1	– सवैये (पद्य)
	व्याकरण	– समास (तत्पुरुष, कर्मधारय, द्विगु)
	निबंध	– समाचार का महत्व, बढ़ता आतंक एवं वैश्विक समस्या
	अपठित पद्यांश	– (1, 2, 3)
अगस्त	– क्षितिज-1	– साँवले सपनों की याद (गद्य),

		कैदी और कोकिला (पद्य)
	कृतिका-1	– रीढ़ की हड्डी
	व्याकरण	– समास (द्वन्द्व, अव्ययीभाव, बहुव्रीहि)
	पत्र लेखन	– व्यावसायिक पत्र, विज्ञापन-4, 5
सितम्बर	– क्षितिज-1	– नाना साहब की पुत्री कर दिया गया(गद्य), पुनरावृत्ति (पद्य)
	व्याकरण	– पुनरावृत्ति।
	निबंध	– मेरी जीवन का लक्ष्य, प्रदूषण की समस्या
अक्टूबर	– क्षितिज-1	– चंद्र गहनों से लौटती बेर, (पद्य), मेघ आए
	व्याकरण	– वाक्य (अर्थ के अनुसार-1, 2, 3, 4)
नवम्बर	– क्षितिज-1	– प्रेमचन्द के फटे जूते (गद्य), यमराज की दिशा (पद्य)
	व्याकरण	– वाक्य (5, 6, 7, 8)
	निबंध	– समय का सदुपयोग, देशभक्ति
	संवाद लेखन	– 1, 2, 3, 4, 5
	अपठित गद्यांश + पद्यांश (क्रमशः)	
दिसम्बर	– क्षितिज-1	– मेरे बचपन के दिन (गद्या) बच्चे काम पर जा रहे हैं। (पद्य)
	कृतिका-1	– माटीवाली
	व्याकरण	– अलंकार (शब्दालंकार-भेद)
जनवरी	– व्याकरण	– अलंकार (अर्थालंकार) एवं भेद
	निबंध	– परिवार नियोजन, किशोरावस्था
फरवरी	– पुनरावृत्ति एवं समाधार (पठित पाठ्यक्रम का)	
नोट :-	मासिक पठित पाठों का जाँच	

MATHS

April	-	1.	Real Numbers.
		2.	Polynomials (En. 2A-D)
May	-	2.	Polynomials (2E-2K)
		3.	Line and Angles.
June	-	4.	Triangles
		5.	Congruence of triangle.

- July - 6. Congruence of Triangle
7. Areas.
- Aug. - 5. Co-ordinate Geometry, Linear equation in two variable.
- Sept. - Revision For First Summative-I
- Oct. - 9. Quadrilaterals and Parallelograms
10. Areas
- Nov. - 11. Circles.
12. Geometrical Constructions.
- Dec. - 13. Volume and Surface Area.
14. Statistics
15. Probability
- Jan. - Revision
- Feb. - Revision
- Mar. - Revision.

SCIENCE

Physics:-

- April - Motion :
Concept of Rest and Motion; Scalar and vector Quantities, Concept of Distance and Displacement, Uniform and Non- Uniform motion.
* Addition and Subtraction of Vectors.
- May - Speed and Velocity Acceleration and Retardation.
Equation of motion by graphical method.
* Elementary Concepts of differentiation and integration for describing motion.
- June - Circular Motion,
Force and Laws of Motion : Balanced and Unbalanced Forces
- July - Revision for P.T.-1
First law of Motion, Inertia and Mass, Second law

- of motion, mathematical formula of second law of motion.
- August - Impulse, Newton's third law of motion, Law of conservation of linear momentum.
Gravitation : Universal law of gravitation, Importance of Universal law of Gravitation.
* Motion of Connecting Bodies.
- Sept. - Revision for Term-I.
Free fall, Motion of Objects under the Influence of Gravitational Force of the Earth, Mass, Weight.
- Oct. - Weight of an object on the moon, Thrust and Pressure, Pressure In Fluids
* Escape velocity, Orbital velocity of a satellite, Geo. - Stationary Satellites.
- Nov. - Buoyancy, Archimedes' principle, Relative Density.
Work and Energy : Work, work done by a constant Force, Energy, Kinetic Energy, Potential Energy.
* Workdone by a variable force, Potential energy of a spring.
- Dec. - Law of conservation of Energy, Power, Commercial unit of Energy. Half Part of sound (12.1, 12.2)
- Jan. - Remaining part of sound (12.3 to 12.6)
* Concept of Simple Harmonic Motion.
Revision for Final Exam.

Chemistry:-

- April - Matter in our Surroundings : Materials, Matter, Classification of matter. * Amorphous and crystalline solids.
- May - Interconversion of State of matter, Evaporation.
Is matter Around us pure ? (Chemical Classification)

- tion of matter.)
- June - Classification of elements, compounds, mixture.
- July - Solution, Concentration of solution & Revision of Ist. Unit Test.
- August - Suspension, Colloid, Separating Components of a mixture. * Concept of Lyophilic and Lyophobic Colloids.
- Sept. - Water purification in water works, physical and chemical changes and **Revision for First. term.**
- Oct. - Atoms and Molecules :- Law of chemical combinations, Atomic theory of matter, molecules and their chemical formulae.
- Nov. - Ions and Ionic compounds, Molecular mass.
* Properties of Ionic Compounds
Revision for 2nd Periodic Test.
- Dec. - Structure of Atom : Electrical nature of matter, Discovery of electron, Study of cathode rays, J.J. Thoms of experiment . Anode rays.
- Jan. - Discovery of proton, neutron. Structure of atom. Atomic number & mass number. Valance electron and valency. Isotopes and isobar,.
• Isotones, Aufbau Principle and some quantum of atoms.
* Revision for 2nd term*
- Mar. - Final Exam.

Biology :-

- April - The Fundamental unit of Life.
(What are living organisms, Structure of cell, cell membrane, cell all, Nucleus, cytoplasm, cell organelles, ER, Golgiapparatus, Lysosome, Mitochon-

- dria, Plastids, Vacuoles, Nucleocytoplasmic index, cell cycle; meiosis.
- May - Tissue :
Meristematic tissue, Permanent tissue, Simple permanent tissue, Complex Permanent tissue
- June - Epitheleal tissue, connective tissue, Muscular tissue, Nervous tissue.
- July - Revision for P.T.-I
- August - Improvement in food Resources -
Improvement in crop yields, Crop variety improvement, Nutrient management, Manure, Fertilizer, Irrigation, *Scientific name of plants and animals of agriculture and Animal husbandry.* Cropping patterns, Crop protection management, storage grains, cattle farming, poultry farming, Fish production Bee Keeping.
- Sept. - Revisionf or Term-I
- Oct. - Diversity in living organisms.
- Nov. - Diversity in living organisms, *Six kingdom system*
- Dec. - Why do we fall ill ?
- Jan. - Natural resources.

LIST OF EXPERIMENTS

A PHYSICS

Practical for Term-I

- To Study the third law of motion using two spring balances.
- For Term - II
- To determine the density of solid, by using a spring balance.
 - To study the relation between the loss in weight of a solid when fully immersed in (i) tap water (ii) strong salty water.

4. To show that pressure is inversely proportional to surface area and directly proportional to thrust.

5. To verify that laws of reflection of Sound.

B. CHEMISTRY

Term-I

1. Prepare a true solution of sodium chloride a suspension of chalk power and a colloidal solution of egg albumin in water and differentiate them. On the basis of transparency, filtration and stability.

2. To Study the reaction that take place between iron and copper sulphate solution in water and to identify the type of change.

3. To study the reaction between Zn and dilute H₂SO₄ and to classify the type of change.

Term-II

3. To study and Identify the reaction and type of change between the aqueous solution of sodium sulphate and barium chloride.

4. To separate the components of a mixture of sand, ammonium chloride and common salt by using the process of sublimation.

C. BIOLOGY

Term-I

1. To prepare a stained temporary mount of an onion pul and to record observation and draw labelled diagrams.

2. To determine the percentage of water imbibed by raisins.

3. To study permanent slides of parenchyma, sclerenchyma, striped muscle, nerve cell.

Term- II

4. To study the characteristics of Spirogyra/ Agaricus, Moss/ Fern, Pinus (Male/ Female cone) and an Angiospermic plant, Draw give two identifying features of groups they belong to .

5. To observe and draw the given specimens - Earthworm, Cockroach, Bony fish and bird.

Soc.Science

April	-	His.	-	The French Revolution
		Geo.	-	Locational setting, Physical Features,
		Map.	-	1. Based on Chapter 1 and 2 in Geography.
				2. Location of European countries which share common boundaries with France
				3. Location of areas of agrarian revolt, epicentre of Panic movements of France.
May	-	Civ.	-	1. What is Democracy
				2. Why democracy.
		Eco.	-	The story of village Palampur.
June	-	Hist.	-	1. Rise of Nazism
		Map Work	-	Germany after the Treaty of Versailles.
July	-	Civ.	-	Designing of Democracy in India .
		Geo.	-	Drainage system
		Maps	-	Major Rivers.
Aug.	-	Eco.	-	People as resources
		Hist.	-	Socialism in Europe and Russian Revolution.
		Map	-	Location of countries in Central power and allied power.
Sept.	-	Hist.	-	Forest society and colonialism (Upto Topic who could Hunt)
		Geo.	-	Climate
		Map.	-	Monsoon
Oct.	-	Hist.	-	Forest Society and Colonialism (Rest)
		Civ.	-	Electoral Politics in Democracy
Nov.	-	Civ.	-	Institutions of Parliamentary democracy
		Eco.	-	Poverty as a challenges.
Dec.	-	Hist.	-	Pastoralists in Modern world.
		Geo.	-	Natural Vegetation and wild life.
		Map.	-	1. Major wild life reserves.

2. Biosphere Reserves
3. Pastoralists in India and Africa.

- Jan. - Geo. - Population
 Civ. - Citizens Right in Democracy
 Eco. - Food Security.
 Hist. - Peasants and Famers.
 Feb. - Revision

Sanskrit

प्रत्येक पाठ के अंत में जाँच अनिवार्य है।

- अप्रैल - 1. तत् त्वम् असि
 अपठित बोध, वर्ण- उच्चारण स्थानानि,
 व्याकरण- वर्तनी, वर्ण संयोजनम् वियोजनम्
 स्वर संधि - दीर्घ, गुण। प्रत्यय- तुमुन्।
 शब्द रूप- अकारान्त, इकारान्त (पु०) अकारान्त, उकारान्त (नपु०), धातु रूप-
 भू, पठ्, हस्, नम् (लट्, लृट्, लङ् लकारों में)
 मई - 2. अविवेकः परमापदां पदम्, 3. पाथेयम्।
 व्याकरण- उपपद विभक्ति-द्वितीया (अभितः, परितः, उभयतः), तृतीया-
 (सह, किम्) चतुर्थी-(नमः, स्वाहा, सामर्थ्ये), पंचमी- (बहिः, विना, भी) तरप्
 पूर्वम्। प्रत्यय- क्त्वा, ल्यप्
 शब्द रूप- उकारान्त, ऋकारान्त, (पु०)
 आकारान्त- इकारान्त (स्त्री०), संधि-व्यञ्जन।
 धातुरूप- गम्, अस्, हन्, क्रुध्, नी, हृ, पच्, भज्। पत्रलेखनम्।
 जून - 4. स्वस्थवृत्तम्।
 व्याकरण- उपपद विभक्ति- (षष्ठी-पुरतः, पृष्ठतः, तमप्, अधः), सप्तमी वि०-
 (कुशलः, निपुणः, प्रवीणः)। शब्द रूप- ईकारान्त, ऋकारान्त, ऊकारान्त,
 (स्त्री०), आत्मनेपद-सेव्, लभ्
 जुलाई - 5. भ्रातृस्नेहः तु दुर्लभः
 व्याकरण- धातुरूप-नश्, नृत्, आप्, शक्, इष्
 शब्द रूप- अकारान्त, उकारान्त (नपु०)
 अपठितबोध, संख्यावाची शब्द।

- अगस्त - 6. विद्यया भान्ति सदगुणाः।
 व्याकरण- सर्वनाम शब्द रूप-यत्, तत्, किम्, इदम् (तीनों लिंगों में)। विसर्ग
 संधि-उत्त्व, सत्व, रूत्व, लोप। धातु रूप- प्रच्छ, कृ, ज्ञा, भक्ष, चिन्त्
 उपपद वि० पुनरावृत्ति। आत्मनेपद-रूच्, मुद्, याच्।
 सितम्बर - शब्द रूप- अस्मद्, युष्मद्, पुनरावृत्ति, चित्रलेखनम्।
 अक्टूबर - 7. तखे नमोऽस्तु। 8. कर्मणा याति संसिद्धिम्। 9. विजयताम् स्वदेशः।
 शब्दरूप-राजन्, भवत्। पत्रलेखनम् (अनौपचारिक)
 व्याकरण- उपपदवि० - द्वितीया (समया, निकषा, प्रति, धिक्, बिना), तृतीया
 (बिना, अलम्, हीन, प्रयोजनम्), प्रत्यय- क्त, क्तवत्। धातुरूप - भू, पठ्, हस्, नम्
 नवम्बर - 10. कोऽहं वदतु साम्प्रतम्, 11. न धर्मवृद्धेषु वयः समीक्षते।
 अपठित बोध, चित्रलेखनम्, प्रत्यय-शतृ, शानच्।
 शब्द रूप- आत्मन्, विद्वस्, गच्छत्।
 उपपद विभक्ति- चतुर्थी (अलम् (सामर्थ्ये), पंचमी-आरभ, प्रमद्, परः, अनन्तरम्।
 संख्यावाचक शब्द- एक, द्वि, त्रि, चतुर, पञ्चन्
 दिसम्बर - 12. कवयामि, वयामि यानि। उपपद वि० षष्ठी-(निर्धारणे, वामतः, दक्षिणतः,
 अनादरे) सप्तमी- स्निह, विश्वस्, अनु-रज्भावे। धातु रूप- गम्, अस्, हन्,
 क्रुध्।
 जनवरी - 13. भारतीयं विज्ञानम्। 14. भारतेनास्ति में जीवनं जीवनम्।
 आत्मनेपदी- सेव्, लभ्, रूच्, मुद्, याच्।
 धातु रूप- नृत्, आप्, इष्, पृच्छ्, कृ, ज्ञा, भक्ष, चिन्त्
 फरवरी - धातु रूप- सेव्, नी, लभ्, हन्, भज्, पच्, पुनरावृत्ति।