#### **ENGLISH**

## SANT NIRANKARI PUBLIC SCHOOL MONTHLY SYLLABUS (SESSION: 2023-24)

CLASS: IX SUBJECT: ENGLISH (Language & Literature)

PRESCRIBED BOOKS: BEEHIVE(NCERT)
MOMENTS(NCERT)

#### TERM I

Month	Ch.	Details of the	Learning Outcome	Activity	Name of the Exam
	No	Chapter	_	(Subject Enrichment /	with Syllabus and
				Art Integration /	Tentative Date
				Multiple Assessment	
				/ Portfolio / Lab	
				Activity / ASL etc.)	
APR,		BEEHIVE		<u>Portfolio</u>	
2023	L:1	THE FUN THEY	Students will be able to:	Literature	
		HAD	-Learn about the modern and	Assignments	
			traditional schools.		
			-Know more about wit and		
			fiction.	Art Integration	
			notion.	Learning Activity	
	P:1	THE ROAD NOT		The Fun They Had	
		TAKEN		throws light on an	
			Otrodonto velli con donatan di	interesting aspect of	
			Students will understand:	the technological	
			- use of rhyming words in the	world we will have in	
			poem an ambiguous poem that allows	the future.	
	L:2	THE SOUND OF	the reader to think about choices in	Consequently, it is set in the future	
	Liz	MUSIC	life.	where two children	
		MUSIC	ille.		
			The chapter will:	discuss the way schools functioned	
			- enable the students to get	in the earlier days.	
				Further, they talk	
			inspiration from the real life	about the 'books'	
			experiences of a differently	which comprise of	
			abled person.	paper instead of the	
			- introduce a Music Maestro	tele books they have	
			among them and acquaint	now. Moreover, they	
		WRITING SKILLS	them with various musicians	also talk about how	
		DESCRIPTIVE	and instruments.	those days were	
		PARAGRAPH		much more	
		(PERSON, PLACE,		fun. Taking the same	
		EVENT)		into consideration,	
			Descriptive Paragraph enables in :	write a descriptive	
			- developing competence,	paragraph comparing	
		MOMENTS	confidence and the ability to	the traditional schools	
	L-1	THE LOST CHILD	write independently.	with future schools as	
				depicted in the	
			- developing emotional and	chapter.	
			imaginative life through		
			writing.		
		GRAMMAR			
		MODALS			
			Students will be able to:		

READING SKILLS Unseen Passage (Discursive Passage)	love his/her parents unconditionally.     understand the importance of parents.	
	The learners should be able to : - use all the modal auxiliary verbs in context with clear understanding.	

			Reading comprehension and answering the questions based on the same will help: - acquainting the students with reading comprehension strategies and skills facilitate their understanding and analyzing of written texts effectively and easily.		
MAY, 2021	P-2	BEEHIVE WIND  THE LITTLE GIRL	The poem: symbolises difficulties that have the power to devastate life on the earth but stronger people emerge out of adversities, stronger.  The chapter will: - enable the students share their personal experiences highlight that children share a	Portfolio Assignments on Integrated Grammar	CT 1 Syllabus: Literature BEEHIVE L-1-The Fun They Had P-1-The Road Not Taken MOMENTS L-1-The Lost Child
	L:4	BEEHIVE A TRULY	very deep bond of love with their parents.  The chapter will :		
	P:3	RAIN ON THE	let the students wonder how a scientist's mind can be beautiful.     enable students to learn the traits of humanity, world peace and non violence.		
			The poem enables the readers:     to admire the bliss of nature in the form of rain.     To learn various poetic devices.		
	L:2	MOMENTS THE ADVENTURES OF TOTO	By the end of the chapter, students will be able to: - Share their thoughts with others and express them in speech Understand the need of pets Realize that some animals are not suitable to be kept as pets.	Art Integration Learning Activity On the basis of reading of the chapter 'The Adventures of Toto' paste or draw pictures of 10 different animals kept as pets. Also write a few lines on your favourite pet animal.	
		GRAMMAR SUB VERB- CONCORD	Learners will be able to:  - know how verb forms change in relation to time.  - use regular and irregular verbs to construct sentences.  - have a clear idea of expressing in present, past and future.		

JUL, 2023		NG SKILLS Y ENTRY	Students will be able to:  - Enhance their imagination and turn into a collaborative and communicative experience.  - Develop writing skills in the context of writing a diary entry.		
L		IVE SNAKE AND MIRROR	Students will be able to: - explore and evaluate the evil in beauty - learn that instead of living in illusions and feeling miserable, one should face the reality of life.	Art Integration Learning Activity On the basis of the chapter 'My Childhood', paste pictures Dr APJ Abdul Kalam along with ten different quotes/slogans raised by him. Also	PERIODIC ASSESSMENT – I Syllabus: > Reading Skills > Writing Skills (Descriptive Paragraph and Diary Entry) > Integrated Grammar
		ISLE OF FREE	Students will be able to: - learn about the life and works of Dr Kalam instill values of generosity, kindness, humility and communal harmony	write a biographical sketch describing his life and works.	(Modals and Subject Verb Concord)  ➤ Literature Beehive L-3-The Little Girl L-4-The Truly Beautiful Mind P-2-Wind P-3-Rain On The
			Students will be able to:  - learn to adopt and observe peace and tranquility of nature in their lives.  - make them to develop a sense of understanding to live in the lap of nature.		Roof Moments L-2-The Adventures of Toto
L		ENTS RAN THE YTELLER	The lesson will: - provide a platform to the students where they can differentiate between natural and unnatural world.		
	.:4 IN THE OF FO	IMAR	The story teaches that : - decisions should be made with a cool mind and rational thought.		
			Students will be able to: - Identify the different action words Distinguish between verb		
			tenses Relate forms of actions to the time of happening.		
			Choose correct form of verb as per the time of happening of the event.      Use different forms of verbs		
			according to time.		

AUG, 2021	P:5	BEEHIVE A LEGEND OF THE NORTHLAND	The poem teaches us : - a strong moral principle that	
			we should never be	
			selfish and think of	
			others too.	

			- to be generous and to		
			help the needy if we are capable of doing so.		
		WRITING SKILLS STORY WRITING WITH GIVEN HINTS	Students will be able to:  - Enhance their imagination and turn into a collaborative and communication to develop writing skills in the context of framing a story, using the given hints.  - Develop the ability to identify and use narrative tenses while writing.	Art Integration Learning Activity Group activity Frame a Story and narrate the same with characterization along with a moral, in a group of 4-5 students.	CT 2 SYLLABUS:- LITERATURE BEEHIVE L-5-The Snake And The Mirror L-6- My Childhood P-4-Lake Isle Of Innisfree MOMENTS L-3- Iswaran The Storyteller
		GRAMMAR REPORTED SPEECH	Students will be able to: - define dialogue and dialogue tags list rules to use when punctuating dialogue apply dialogue technique to present events and characters to engage the interest of an audience demonstrate the use of dynamic dialogues in writing.		
		READING SKILLS UNSEEN PASSAGE (CASE BASED)	Reading comprehension and answering the questions based on the same will help: - acquainting the students with reading comprehension strategies and skills. facilitate their understanding and analyzing of written texts effectively and easily.		
	L:5	MOMENTS THE HAPPY PRINCE	Students will be able to learn : - the traits of sharing, caring and empathy.		
SEP, 2023	L:7	BEEHIVE REACH FOR THE TOP	Students will be able to learn: - how hard work, sacrifice and determination can help you go a long way and attain success in all spheres.		MID TERM Syllabus: > Reading Skills > Writing Skills (Descriptive Paragraph, Diary Entry
	L:8	KATHMANDU	The lesson is a travelogue which teaches that: - the purity of holy places must be upheld.		and Story Writing)  Integrated Grammar (Tenses, Modals, Subject – verb concord and Reported speech)  Literature BEEHIVE (Prose)  The Fun They Had

					O The Cound of
		ASL	ASL-Practice and Assessment	Learners will be able: - to get exposure to speaking and listening skills - to identify their own strengths and develop areas of growth demonstrates that challenges have been	2. The Sound of Music 3. The Little Girl 4. A Truly Beautiful Mind 5. The Snake and the Mirror 6. My Childhood (Poems) 1. The Road Not taken 2. Wind 3. Rain on The Roof 4. The Lake Isle of Innisfree 5. A Legend of The Northland MOMENTS 1. The Lost Child 2. The adventures of Toto 3. Iswaran the Storyteller 4. In the kingdom of fools 5. The Happy Prince  Subject Enrichment Activity (ASL) (i) Speaking Skills - Story Narration (ii) Listening Skills Based on listening of a track
				undertaken, developing new skills in the process and	
			TERM II	confidence.	
OCT, 2023	P:6	BEEHIVE NO MEN ARE FOREIGN ON KILLING A TREE	The poem teaches that: - all human beings living on Earth are brothers and similar to each other universal brotherhood must be followed by all.  The Poem: illustrates the courage and strength of trees, through which it teaches us to be strong and determined.	Portfolio Assignments on Story Writing with given hints.  Art Integration Learning Activity Taking into account the reference from the chapter 'Kathmandu' design a colourful and attractive travelogue depicting the history, culture, people, language and food of	
	L:6	MOMENTS THE LAST LEAF	The students will be able to: - learn the technique of personification.	Kathmandu. Draw or paste pictures to make it creative.	

	1	T			1
			- learn that we should never lose hope in life quickly along with the true essence of friendship.		
		GRAMMAR INTEGRATED GRAMMAR	Students will get a good hands on practice in solving various grammatical exercises.		
NOV, 2023	L:9	BEEHIVE IF I WERE YOU	To enable the students to: - draw their attention to the stage setting, stage directions, description of the characters, their movements, gestures and	Art Integration Learning Activity On the basis of reading of the poem 'On Killing A Tree', create a happy tree with branches and	CT - 3 SYLLABUS :- Literature : BEEHIVE L-7- Reach For The Top L-8- Kathmandu
	P:8	A SLUMBER DID MY SPIRIT SEAL	tonal variations.  - understand some examples of wit and irony.  The poem aims to:  - make students understand the reality of life and death.	write different uses of trees, in the branches. Also write a message to save trees on the tree trunk.	P-6- No Men Are Foreign
			develop literary taste among students and let them enjoy philosophical sort of poems.		
	L:7	MOMENTS A HOUSE IS NOT A HOME	The lesson aims to: - enable to distinguish between natural and manmade disaster enable the students to share their personal experience about their loss if any.		
	L:8	THE BEGGAR	The story enables the students to:  - understand the power of kindness, compassion and selflessness in transforming of human beings.		
DEC, 2023		REVISION		Art Integration Learning Activity Slogan Writing Write meaningful slogans on – Love, Kindness, Compassion, Selflessness, Optimism and Generosity taking into account the theme of the chapter 'The Beggar'.	Exam: PA-II Syllabus:  > Reading Skills  > Writing Skills (Descriptive Paragraph & Story Writing Writing)  > Integrated Grammar  > Literature: BEEHIVE L-8- If I Were You P-7-On Killing A Tree P-8- A Slumber Did My Spirit Seal MOMENTS L-6-The Last Leaf
JAN, 2024		Revision Syllabus: > Reading Skills > Writing Skills (Descriptive Paragraph, Diary			CT-4 TENSES, SPEECH, LETTER TO EDITOR

Entry and Story		
Writing)		
> Integrated		
Grammar		
(Tenses, Modals,		
Subject - verb		
concord and		
Reported speech)		
Literature		
BEEHIVE (Prose)		
1. The Fun They		
Had		
2. The Sound of		
Music		
3. The Little Girl		
4. A Truly Beautiful		
Mind		
5. The Snake and		
the Mirror		
6. My Childhood		
7. Reach For The		
Тор		
8. Kathmandu		
9. If I were You		
(Poems)		
1. The Road Not		
taken		
2. Wind		
3. Rain on The		
Roof		
4. The Lake Isle of		
Innisfree		
5. A Legend of The		
Northland		
6. No Men Are		
Foreign		
7. On killing a tree		
8. A Slumber Did		
My Spirit Seal		
MOMENTS  1. The Lost Child		
2. The Adventures		
of Toto		
3. Iswaran the		
Storyteller		
4. In the kingdom		
of fools		
5. The Happy		
Prince		
6. The Last Leaf		
7. A House is not a		
Home		
8. The Beggar		

ASL	ASL-Practice and Assessment	Learners will be able	Subject
		:	Enrichment
		- to get exposure to	Activity
		speaking and	(ASL)
		listening skills	(i) Speaking Skills
		- to identify their own	-
		strengths and	Conversation
		develop areas of	based on given
		growth.	situation.
		- demonstrates that	(ii) Listening Skills
		challenges have been	Based on listening
		undertaken,	of a track
		developing new skills	
		in the process and confidence.	

FEB,	Fin	*Revision		Exam :Final
2024	al	*Final exam		Dates-
	Ex			Syllabus - Entire
	am			Syllabus

#### SYLLABUS MATHEMATICS CLASS IX(2023-24)

Month	Topics	Learning outcomes	Activities	Syllabus of the exam
	Ch-1 Number systems	After studying the lesson, students will be able to understand the concepts of irrational numbers and rational numbers. They will be able to represent real numbers on a number line. They will also learn about real numbers and their decimal expansions. Moreover, they will be able to perform various mathematical operations on real numbers. They will be able to define nth root of a real number. They will also learn to rationalise the denominator of irrational numbers and apply various laws of exponents to real numbers.	Square root spiral	
April	Ch-3 Coordinate Geometry	After studying this lesson, students will be able to explain the concept behind Cartesian coordinate geometry. In addition, they will also be able to write the coordinates of points given on the Cartesian plane. Students will be able to state the quadrants of any point in cartesian plane.	Mirror image wrt. to X axis / Y axis	
	Ch-4 Linear equation in two variables	After studying this lesson, learners will be able to identify linear equations in two variables and find the solutions of such equations. They will be able to write the solutions as ordered pair of real number and showing that they lie on a line after plotting them.	Worksheet	
May	Ch-2 Polynomials	After studying this lesson, learners will be able to identify polynomials in one variable with examples and counter examples and its degree. They will be able to find the zeroes of polynomials. They will also be able to apply the Remainder Theorem and state and prove the Factor Theorem and use these theorems to solve problems. they will be able to factorise quadratic polynomial with real coefficients. Additionally, they will be able to derive a few standard identities and use these identities to factorise and evaluate algebraic expressions.	To verify $(a+b+c)^2 = a^2 + b^2 + c^2 + 2ab+2bc+2ca$ .	Class Test- I syllabus : Ch1 and Ch-3

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	Ch-5 Introduction to Euclid's Geometry	After studying this lesson, learners will be able to explain some of Euclid's definitions and axioms. They will also be able to explain Euclid's five postulates.	Worksheet	
	Ch-6 Lines and Angles	After studying this lesson, learners will be able to describe basic geometrical terms and definitions. They will also be able to explain the linear pair axiom. They will be able to prove and apply that vertically opposite angles are equal. The learners will be able to solve exercises based on the different types of angles and the angles formed by a transversal on a pair of parallel and intersecting lines.	To verify vertically opposite angles are equal.	
July	Lin-7 Triangles Intonetties of friangles They will be able to		To verify congruency criteras in Triangles	PT- I syllabus: Ch1,2,3and 4
August	Ch-12 Statisitcs	After completing this lesson, the students will be able to draw bar graphs , frquency polygon and histogram of varying length.	To draw histogram for classes of equal width and varying width	Class test - III : CH-6,7
	Ch-10 Heron's formula	After studying this lesson, learners will be able explain Heron's formula.	Worksheet	
September	Ch-8 Quadrilaterals	After completing the lesson, learners should be able to describe the different types of quadrilaterals and their properties, especially the properties of parallelograms. They should also be able to use mid point theorem and its converse various theorems in questions related to quadrilaterals and parallelograms.	To verify mid point theorem To verify properties of paralelleogram	Mid - Term syllabus( PT- II): Ch1,2,3,4,5,6,7,10,12
October	Ch-9 Circles	After studying this lesson, students will be able to explain all the terms related to circles. They will also be able to prove and apply various theorems pertaining to circles, concyclic points and cyclic quadrilaterals.	To verify angle subtended at the centre is twice the angle subtended in the remaining part of the cirlce .  To verify the property of cyclic quadrilateral	
November	Ch-11 Surface area and Volume of solids	After completing the lesson, learners should be able to calculate the surface areas and volumes of different solids, such as , cones ,spheres and Hemi - spheres.	To verify the surface area of sphere to comparsoin of volume of cone and Cylinder	Class Test-III syllabus: Ch9 and 8
December		REVISION		PT- III syllabus: Ch9,8,11
January		REVISION		Class Test - IV syllabus : Ch-11
February				Final Examination

## SANT NIRANKARI PUBLIC SCHOOL MONTHLY SYLLABUS (SESSION: 2023-24) TERM-1 CLASS: IX SUBJECT: SOCIAL SCIENCE

Month	Subject	Details of the Chapter	Learning Outcomes	Activity (Subject Enrichment / Art Integration / Multiple Assessment / Portfolio / Lab Activity / ASL etc.)	Name of the Exam with Syllabus and Tentative Date
APRIL	History	L-1 The French Revolution	Students will know about:  Division of society in France  Causes of the French Revolution  Types of taxes  Causes of subsistence crisis  Important philosophers  Laws introduced by Napoleon	Map work- in the political map of France mark the following locations-:  • Bordeaux  • Nantes  • Paris  • Marseilles Reading political symbols- activity (textbook pages 12-13) draw these symbols shown in book on sheet also mention the	

What is Democracy?

Features of DemocracyBroader Meanings of

Democracy

APRIL

Civics

L-1 What is

Democracy?

Democracy? Why

message conveyed by

Write Features of

Democracy/ Merits and

Demerits of Democracy

them.

APRIL	Geography	L-1, India - Size and Location	Students will be able to learn-:  Latitudinal extent of India & important latitudes  Longitudinal extend of India & standard meridian  Island groups of India  Countries of Indian subcontinent	Map work- in the map of India mark the following locations-:  Tropic of cancer Standard Meridian Length of India Width of India India-States with Capitals(Location and Labelling)	
May	Geography	L-2 Physical Features of India	Major Physiographic Divisions – Himalayan Mountains, Northern Plains, Peninsular Plateau, Indian Desert, Coastal Plains, Islands	Mountain Ranges: The Karakoram, The Zasker, The Shivalik, The Aravali, The Vindhya, The Satpura, Western & Eastern Ghats  Mountain Peaks – K2, KanchanJunga, Anai- Mudi Plateau - Deccan Plateau, Chotta Nagpur Plateau, Malwa Plateau  Coastal Plains - Konkan, Malabar, Coromandal& Northern Circar (Location and Labelling)	Exam: Class Test-I  Geography Ch-1 History Ch-1

MAY	Economics	L-2 People as Resource:	<ul> <li>Economic Activities by         Men and Women ·             Quality of Population             Types of Unemployment</li> </ul>	Understand how population can be an asset or a liability for the nation &Make report by giving current examples.	
MAY	Civies	L-2 Constitutional Design	Students will know about -:  • Functions of a constitution  • The constituent assembly  • Keywords in the preamble of the Constitution  • Making of Indian Constitution  • Guiding Values of the Indian Constitution	Write Preamble on A4 Size Sheet /Features of Indian Constitution.	
July	History	L-2 Socialism in Europe and The Russian Revolution	Students will know about-:	Outline Political 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, U.S.A.	Periodic -1 Syllabus covered from April to May

JULY Civ	L-2 Constitutional Design	Students will know about-:  Functions of a constitution The constituent assembly Keywords in the preamble of the Constitution Making of Indian Constitution Guiding Values of the Indian Constitution	Write Preamble on A4 Size Sheet /Features of Indian Constitution.
JULY Geo	ography L-3 Drainage	Students will be able to learn:  Drainage system of India Himalayan & peninsular rivers Lakes Role of Rivers in the Economy River Pollution	A. Draw the following drainage patterns-:  a) Dendritic pattern b) Trellis patterns c) Rectangular pattern d) Radial pattern  B. In the map of India mark the location of following Rivers-: (Identification only)  • The Himalayan River Systems-The Indus, The Ganges, and The Satluj • The Peninsular Rivers-The

AUGUST	Economics	L-3 Poverty as Challenge	Students will be able to learn-:  Social indicators of poverty Causes of poverty Poverty Estimates Vulnerable Groups Interstate Disparities Global Poverty Scenario Anti-Poverty measures The Challenges Ahead	Narmada, The Tapi, The Kaveri, The Krishna, The Godavari, The Mahanadi  Lakes: Wular, Pulicat, Sambhar, Chilika  Do worksheet on A4 sheet.  Mention names of below poverty Indian states.	
August	History	L-3 Nazism And The Rise of Hitler	Students will know about-:  Birth of the Weimar Republic  The rise of Hitler's power  The Nazi cult of motherhood  Hitler's racial discrimination	Outline Political 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	

				• Territories under German expansion (Nazi Power) Austria, Poland, Czechoslovakia (only Slovakia shown in the map), Denmark, Lithuania, France, Belgium	
AUGUST	Civics	L-3 Electoral Politics	Students will knew about:  Need for elections  Demerits of elections  The election system in India  What makes elections in India democratic?	Paste or draw the logos of two regional parties & three national parties of India	CLASS TEST-II Grography - Ch-3 History Ch-2
AUGUST	Geography	L-4 Climate	Students will be able to learn:  Climatic controls of an area Factors affecting India's climate Types of seasons Distribution of Rainfall Monsoon as a unifying bond	In the map of India mark the location of following:  • Areas receiving rainfall less than 20 cm and over 400 cm. (Identification only)	
September	Revision & Exam				Periodic Assessment - II  Syllabus from April to  August

#### SANT NIRANKARI PUBLIC SCHOOL MONTHLY SYLLABUS (SESSION: 2023-24) TERM-2 **CLASS: IX**

SUBJECT: SOCIAL SCIENCE Month Ch. No Learning Outcome Details of the Name of the Exam with Activity (Subject Enrichment / Chapter **Syllabus and Tentative** Art Integration / Date Multiple Assessment / Portfolio / Lab Activity / ASL etc.)

				/ ASL etc.)	
OCTOBER	Economics	L 4 - Food Security in India(Pg. No. 49- 51 is deleted part)	Students will be able to learn-:  Dimension of food security Food intervention programmes Kinds of ration cards Who arefood insecure? Current Status of Public Distribution System Role of Cooperatives in food security	Write a note on Food Cooperation of India and how import export helps in food security.	
OCTOBER	Geography	L-5 Natural Vegetation and Wildlife	Students will be able to learn-:  Factors affecting natural vegetation Types of vegetation Causes for extinction of species of animals & plants	On the map of India mark the following locations-:  • Vegetation Type: Tropical Evergreen Forest, Tropical Deciduous Forest, Thorn Forest, Montane Forests	

			- Chang talam bandan	1Manager Fra
			• Steps taken by the govt. to	and Mangrove- For
			protect flora & fauna	identification only
				<ul> <li>National Parks:         Corbett, Kaziranga,         Ranthambor, Shivpuri,         Kanha, Simlipal&amp;Manas         Bird Sanctuaries:         Bharatpur and         Ranganthitto     </li> <li>Wild Life Sanctuaries:</li> <li>Sariska, Mudumalai,</li> <li>Rajaji,</li> <li>Dachigam(Location and Labelling)</li> </ul>
OCTOBER	Civics	L-4 Working of Institutions	Students will learn about-:  • Main institutions of the government and their need  • How is major policy decision are taken  • Identify the role of Parliament and its procedures.  • Distinguish between political and permanent executive authorities and functions  • Understand the parliamentary system of	Draw on A4 sheet a flowchart to represent the three organs of a democratic government List the names of five cabinet ministers & their ministers each at the union level and in your state.

November	Civics	L-5 Democratic Rights  L-6 Population	executive's accountability to the legislature.  • Understand the working of Indian Judiciary  Students will learn about-:  • Rights in the Indian Constitution  • Expanding scope of rights  • Identify the role of Parliament and its procedures.  • Distinguish between political and permanent executive authorities and functions.  • Understand the parliamentary system of executive's accountability to the legislature.  • Understand the working of Indian Judiciary.  • Recognize the need for rights in one's life.  • Understand the availability /access of rights in a democracy.	Make a flow chart & mention six fundamental rights given by Indian constitution.	Class test Syllabus – Civics L-4 Economics L-4 Geography L-5
			Major aspects of the population	India mark the location of:	

NOVEMBER	History	L-4 Forest Society and Colonialism	<ul> <li>Factors affecting population distribution</li> <li>Population growth</li> <li>Population Change</li> </ul> Students will be able to learn-: <ul> <li>Need of deforestation</li> <li>Division of forests into categories</li> <li>Rebellion in forests</li> <li>The Rise of Commercial Forestry</li> <li>Forest Transformations in Java</li> </ul>	The state having highest and lowest density of population.  Mention names of most populous countries in world. Where India lies?  Children living around forest area can often identify many species of trees & plants. Name minimum 15 species of trees commonly used in our daily life./Mention ways for Forest Conservation.	
December	Revision				Periodic Assessment  Syllabus taught in November
January	Revision				Class Test-Geography L-6 History L-4
February – March	Revision & Final Exams				FINAL EXAMINATION

# CLASS-IX INFORMATION TECHNOLOGY(402) SYLLABUS (2023-24)

Month	Chapter Name	Chapter Name  Learning Outcomes  Art integration learning activity (Subject Enrichment)/ Multiple Assessment / Portfolio / Lab Activity / ASL etc.)		Name of the Exam with Syllabus and Tentative Date
April,2023	PART-A (UNIT-3) Information & Communication Technology Skills-I	<ul> <li>Describe the role of information and communication technology(ICT) in day-to-day life and workplace</li> <li>Identify the basic components of basic computer system and their functions</li> <li>Demonstrate use of various components and peripherals of computer system</li> <li>Demonstrate basic computer system</li> </ul>	<ul> <li>Identification of various parts and peripherals of a computer</li> <li>Drawing diagram of computer system and labelling it</li> <li>Group discussion on the various aspects of hardware and software</li> <li>Identification of the various input and output units and explanation of their purposes</li> </ul>	
	PART-B (UNIT- 1 ) Introduction to IT-ITes Industry	<ul> <li>Appreciate the application of TI</li> </ul>	<ul> <li>Identify the list the various IT enabled services, Observe the application of IT in Various areas.</li> </ul>	
May,2023	PART-B (UNIT-1) Introduction to It- ITes Industry (Contd)			Class Test Unit 3 Part A

	PART-A (UNIT-2) Self-Management Skills-I	<ul> <li>Describe the meaning and importance of self-management.</li> <li>Identify the factors that helps in building self-confidence</li> </ul>	<ul> <li>Strength and weakness analysis</li> </ul>	
		Exam	sessment-I 1 :PA I 3- 21/07/2023 2) And Part-B(Unit-1)	
July,2023	PART-B (UNIT-2) Data Entry & Keyboard Skills	Use keyboard and mouse for data entry Use typing software	<ul> <li>Identify the keys and its use on the keyboard</li> <li>Practice to place fingers on the correct key in four different rows of the keyboard</li> </ul>	
	PART-B (UNIT-3) Digital Documentation	<ul> <li>Create a document using a word processor</li> <li>Apply editing features</li> <li>Apply formatting features</li> <li>Create and work with tables</li> <li>Use print options</li> <li>Understand and apply mail merge</li> </ul>	<ul> <li>Create a time table of your class and apply basic formatting options</li> <li>Demonstrate to print the letters using mail merge option</li> </ul>	
August, 2023	PART-B (UNIT-3) Digital Documentation (Contd)			Class Test Part B unit 1 & 2

	PART-A (UNIT-1) Communication Skills-I	<ul> <li>Demonstrate knowledge of various methods of communication</li> <li>Identify elements of communication cycle</li> <li>Identify the factors affecting our perspectives in communication</li> <li>Demonstrate the knowledge of basic writing skills</li> <li>Writing pros and cons of written verbal and nonverbal communication</li> <li>Draw a diagram of communication cycle.</li> <li>Group discussion on factors affecting perspectives in communication</li> </ul>			
September ,2023	Mid Term (PA II)  11/09/2023 to 22/09/2023  Part B(Unit 1,2 & 3) Part A(Unit 2&3)				
October, 2023	PART-B (UNIT-4) Electronic Spreadsheet	<ul> <li>Create spreadsheet</li> <li>Apply formula and functions in spreadsheet</li> <li>Format data in the spreadsheet</li> <li>Understand and apply Referencing</li> <li>Create and insert different types of charts in a spreadsheet</li> <li>Make a spreadsheet file containing R.No, Name, Term-1 Marks, Term-2 Marks. Calculate the Final Marks(Term-1+Term-2) and Average Marks with the help of functions</li> <li>Create a chart shows that show your Term-1 and Term-2 marks.</li> </ul>			
	PART–A(UNIT- 4) Entrepreneurial Skills-I	<ul> <li>Identify various types of business activities</li> <li>Explain different types of business activity.</li> </ul>			

November, 2023	PART-B (UNIT-5) Digital Presentation	<ul> <li>Demonstrate the characteristics of entrepreneurship</li> <li>Understand features of an effective presentation</li> <li>Create a presentation</li> <li>Work with slides</li> <li>Format text and apply animations</li> <li>Create and use tables</li> <li>Insert and format image in presentation</li> <li>Work with slide master</li> <li>Knowledge of the factors</li> </ul>	Make a presentation on "Top 10 Emerging Technologies".     Add the following functionalities- apply background, animation and transition, add images.      Discussion on various factors	Class Test Part B unit 4		
	Green Skills-I	influencing natural resource conservation  Importance of green economy and green skills	that influence our environment • Prepare a poster showing the importance of green economy			
December, 2023	Revision	Date	Exam : PA II : 1/12/2023 to 8/12/2023			
2023			B(Unit 4&5) Part A(unit 4&5)			
January, 2024	Revision					
February, 2024		Annual exam 17/02/2024 to 02/03/2024 Part A Unit 1 to 5 and Part B Unit 1 to 5				

## SCIENCE SYLLABUS (2023-2024) Class –IX

MONTH	CHAPTER	SUB-TOPICS	EXPERIMENTS
APRIL	Chapter-1 Matter in our surroundings CHEMISTRY	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.	Performing chemical reactions and classify them as physical and chemical changes.     Determination of the melting point of ice and the boiling point of water.
	Chapter- 7 Motion PHYSICS	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, elementary idea of uniform circular motion  (Deleted-equations of motion by graphical method)	
MAY	Chapter-5 The Fundamental Unit of Life: Cell	Cell as basic unit of life: prokaryotic and eukaryotic cells, multi-cellular organisms; cell	3. Preparation of temporary mounts of (a) onion peel, (b) human cheek cells & record observations
	BIOLOGY	membrane and cell wall, cell organelles & cell inclusions; chloroplast,	and draw their labelled diagrams.

		vacuoles,	
		endoplasmic reticulum, Golgi apparatus, nucleus, chromosome- basic structure and number. (Deleted- Cell Division-Mitosis and Meiosis)	CLASS TEST 1- CHAPTER-1,5
	Chapter-2 Is matter around us pure? CHEMIS TRY	Elements, compounds and mixtures. Heterogeneous and homogenous mixtures, colloids and suspensions. Physical and	<ul> <li>4. Preparation of a true solution, a suspension and a colloidal solution and distinguish between these on the basis of <ul> <li>Transparency</li> <li>Filteration criterion</li> <li>Stability</li> </ul> </li> <li>5. Preparation of a mixture and a compound</li> </ul>
	Chapter 8 Force and Laws of Motion ( Half ) PHYSICS	chemical changes (Deleted- separating the components of a mixture). Force and motion , Newton's laws of motion , Action and Reaction Forces. Momentum	<ul> <li>5. Preparation of a mixture and a compound distinguish between them on the basis of:</li> <li>Appearance</li> <li>Behavior towards a magnet</li> <li>Behavior towards carbon disulphide as a solvent</li> <li>Effect of heat</li> </ul>
JUNE		SUMMER VACATIONS	
JULY	Chapter:8 Force and laws of Motion ( Cont) PHYSICS	Force and motion, Newton's laws of motion, Action and Reaction forces,  Inertia of a body, Inertia and mass, momentum, force and acceleration (Deleted- elementary idea of conservation of	

		momentum)	
JULY	PERIODI C TEST -1 (15-07-2023 TO 21-07-2023)	CHAPTER(1,5,8)	-
	Chapter: 6 Tissues [ Plant Tissues ] BIOLOGY	Structure and functions of plant tissues (meristematic and permanent tissues in plants).	6. Identification of Parenchyma, Collenchyma and Sclerenchyma tissues in plants, striped, smooth and cardiac muscle fibers and nerve cells in animals from prepared slides. Draw their labelled diagrams.
AUGUST	Chapter:6 Tissues [ Animal Tissues ] BIOLOGY	Structure and functions animal tissues (only four types of tissues in animals).	
	Chapter: 9 Gravitatio n PHYSICS		Determination of the density of solid, (denser than water) by using a spring balance and a measuring cylinder  Establishing the relation between the loss of weight of a solid when fully immersed in * tap water  * strongly salty water with the weight of water displaces by it by taking at least two different solids
	Chapter:10 Work and Energy PHYSICS	Work done by force, Energy, power; Kinetic and  Potential energy, law of conservation of energy; Law of conservation of energy.  (Deleted-commercial unit of energy)	CLASS TEST-2 CHAPTER- 2,8,6(PLANT TISSUE ONLY)
SEPTEMBER	MID TERM (11-09-2023 TO 22-09-2023)	CHAPTER( 1,2,5,6,	7,8,9,10)

	Chapter:11	Nature of sound	7. Verification of the Laws of reflection
	Sound	and its propagation	of sound.
	PHYSICS	in various media,	or sound.
	IIIISICS		8. Determination of the speed of a pulse
		1	
		0	propagated through a stretched
		humans;	string/slinky (helical spring)
		ultrasound;	
		reflection of sound;	
		echo.	
		(Deleted-	
		SONAR,Structur	
		e of Human Ear)	
OCTOBER	Chapter:12	Plant and animal	
	<b>Improvement</b>	breeding and	
	in food	selection for quality	
	resources	improvement and	
	BIOLOG		
	Y	management; use	
		of fertilizers and	
		manures; Protection	
		from pests and	
		•	
		diseases; organic	
		farming.	
		(Deleted-	
		Animal	
		husbandry;	
		poultry farming;	
		pisciculture;	
		•	
		apiculture)	
	Chapter:3	Atoms and	11. Verify law of conservation of mass
	Atoms and	molecules, Law of	in a chemical reaction
	Molecules	Chemical	
	CHEMISTRY	Combination,	
		Chemical formula	
		of common	
		Chemical	
		compounds,	
		Atomic and	
		Molecular mass,	
		(Deleted- Mole	
		concept:	
		Relationship of	
		mole to mass of	
		mole to mass of the	
		mole to mass of	
		mole to mass of the	

NOVEMBER	Chapter: 4	Electrons,	CLASS TEST-3 CHAPTER-3,11,12
	Structure	protons and	
	of the	neutrons,	
	Atom.	Valency, Atomic	
	CHEMISTRY	Number and	
		Mass Number,	
		Isotopes and	
		Isobars.	
DECEMBER	PERIODIC TEST	T-2(1-12- 2023 TO 8-	CHAPTER(4,11,12)
	12- 2023)		
JANUARY			
			CLASS TEST 4 – CHAPTER – 3, 9, 10
FEBRUARY		ANNUAL EXAMINATIO N (17-2-2024)	

### हिन्दी पाठ्यक्रम- 2023-24 कक्षा नवीं

### विषय हिन्दी

मास	पाठ	पाठ का विवरण	सीखने का प्रतिफल	श्रवण और वाचन	परीक्षा की संभावित तिथि
	संख्या			कौशल एवं	एवं पाठ्यक्रम
				परियोजना कार्य	
अप्रैल	1.	स्पर्श- गद्यखण्ड, पाठ	छात्रों में भेदभाव बिना	विषैले साँपो के नाम और	
		दुख का अधिकार	सहानुभूति की भावना का	चित्र भिति पत्रिका में	
			प्रसार होगा।	लगाइए।	
		व्याकरण - शब्द और पद	भाषा के ज्ञान में वृद्धि होगी।		
	2.	लेखन- अनुच्छेद व्याकरण- अनुस्वार, अनुनासिक	विचारों की अभिव्यक्ति में वृद्धि, स्वर के भेदों की जानकारी		
	3.	स्पर्श- काव्यखंड –रैदास के पद	आध्यात्मिकता और दीन भावना बढ़ेगी।	रैदास के पदों को कक्षा में गाकर सुनाइए।	

		व्याकरण - उपसर्ग- प्रत्यय लेखन-अनौपचारिक पत्र व्याकरण-विराम-चिन्ह लेखन-संवाद लेखन	शब्दों के जोड़-तोड़ को सीखेगे। भाषिक कौशल में वृद्धि विभिन्न चिन्हों के प्रयोग की जानकारी, अभिव्यक्ति में वृद्धि		
मई	<ol> <li>4.</li> <li>5.</li> </ol>	अप्रैल में करवाए गए पाठ्यक्रम की पुनरावृत्ति व्याकरण- विराम- चिन्ह स्पर्श-काव्यखंड- रहीम व्याकरण- स्वर- संधि	भाषा ज्ञान में वृद्धि बड़े- छोटों का, पानी एवं जमा पूंजी के महत्व की जानकारी स्वर संधि का ज्ञान होगा।	रहीम के दोहे याद करके सुनाइए। रहीम के दोहों को चित्र सहित लिखें आगे बढ़ती भारतीय महिलाओं के चित्र भिति पत्रिका में लगाइए तथा	कक्षा परीक्षा-1 स्पर्श- गद्यखंड- दुख का अधिकार काव्यखंड- रैदास व्याकरण- अनुस्वार- अनुनासिक उपसर्ग- प्रत्यय

	6.	स्पर्श-गद्यखण्ड-पाठ एवरेस्टः मेरी शिखर यात्रा	पर्वतारोहण से संबंधित जानकारी प्राप्त होगी।	संक्षिप्त जानकारी लिखिए भारतीय द्वीप समूहों की जानकारी	लेखन- अनौपचारिक पत्र
	7.	लेखन-अनुच्छेद, चित्र वर्णन कला एकीकृत	भाषिक कौशलों में वृद्धि अंदमान, निकोबार, लक्षद्वीप		
		परियोजना कार्य			द्वीप समूहों की चित्र सहित जानकारी एकत्रित करके भिति पत्रिका में लगाइए।
जून		ग्रीष्मकालीन अवकाश			
जुलाई	8.	अप्रैल एवं मई में करवाए गए पाठ्यक्रम की पुनरावृति			

				प्रथम आवधिक परीक्षा -
	संचयन-पाठ-1 गिल्लू		पशु-पक्षियों के लिए	पाठ्यक्रम
	व्याकरण-	पशु-पक्षियों के प्रति दया	भोजन तथा पानी का	स्पर्श- दुख का अधिकार
9.	अनुस्वार,अनुनासिक	भावना का प्रसार करना।	प्रबंध करे।	रैदास के पद
				रहीम के दोहे
	प्रथम आवधिक परीक्षा			एवरेस्टः मेरी शिखर यात्रा
				संचयन- पाठ-1 गिल्लू
		-		व्याकरण- शब्द और पद,
				अनुस्वार- अनुनासिक, उपसर्ग-
				प्रत्यय
				लेखन- अनुच्छेद, अनौपचारिक
10.				पत्र
	स्पर्श-काव्यखंड- गीत-		 पक्षियों के घोंसलों के चित्र	
	अगीत		पक्षियों के नाम सहित	
	व्याकरण-उपसर्ग-			
	प्रत्यय		भिति पत्रिका में चिपकाँए	
		المال المالية		
		प्रकृति में विभिन्न ध्वनियों		
		की जानकारी होना।		

अगस्त	11.	स्पर्श-गद्यखंड पाठ	बिन ब्लाए अतिथि के घर	बच्चे अपने घर पर आए	कक्षा परीक्षा - ।।
		त्म कब जाओगे,	आ जाने से घर में बदलाव	अतिथियों से घर में	स्पर्श- गदयखंड-
		अतिथ <u>ि</u>	की जानकारी होगी।	बदलाव पर कक्षा में	तुम कब जाओगे, अतिथि
				बातचीत करे।	-   काव्यखंड- गीत- अतीत
					व्याकरण- विराम चिन्ह
		व्याकरण-विराम चिन्ह			स्वर संधि
		लेखन-अनौपचारिक पत्र			   लेखन- चित्र -वर्णन
	12.				
	12.	व्याकरण-अर्थ की दृष्टि			
		से वाक्य के भेद		4	
				लैटर बाक्स का चित्र	
		संचयन-पाठ-२ स्मृति	युक्ति कौशल का विकास	बनाएँ,पुराने ज़माने में	
	13.	व्याकरण-स्वर संघि	भाषिक कौशलों में वृद्धि	पत्रों को या सूचनाओं की	
		लेखन-संवाद लेखन	المارية	भेजने की जानकारी कक्षा	
				में साझा करे।	
		व्याकरण-शब्द और	सृजनात्मकता का विकास		
		पद	होगा।		
		लेखन-चित्र वर्णन			
					श्रवण एवं वचन कौशल परीक्षण

सितम्बर	14.	अप्रैल से अगस्त तक			
		करवाए गए पाठ्यक्रम			
		की पुनरावृत्ति			
	15.				
		मध्यावधि परीक्षा			मध्यावधि परीक्षा
					अप्रैल से अगस्त तक करवाया
	16.		प्रकाश तरंगों तथा वाद्य	भारत के प्रम्ख वैज्ञानिकों	गया संपूर्ण पाठ्यक्रम
			की ध्वनियों के अध्ययन की	9	
	17.	स्पर्श-गद्यखण्ड-पाठ	जानकारी प्राप्त होगी।	साथ बनाइए	
		वैज्ञानिक चेतना के		, <del>.</del> .	_
		वाहन			-
		व्याकरण-			
		अनुस्वार,अनुनासिक			
अक्टूबर	18.	स्पर्श-काव्यखंड-	संघर्षों का सामना करते हुए	भारत के राज्य त्रिपुरा के	
		अग्निपथ	निरंतर आगे बढ़ने की	्र खान-पान, पहनावे,नृत्य	
		संचयन-पाठ-3कल्लू	प्रेरणा मिलेगी।	एवं पर्यटक स्थलों के चित्र	
		क्म्हार की उनाकोटी	भारतीय संस्कृति से	चिपकाकर उनके बारे में	
			परिचित होगें।	लिखना	
	19.				
		लेखन- अनुच्छेद			

	20	लेखन-चित्र वर्णन			
नवंबर	21. 22. 23.	स्पर्श-गद्यखंड-पाठ शुक्रतारे के समान स्पर्श-काव्यखंड- नए इलाक़े में, ख़ुश्बू रचते हाथ	स्वतंत्रता संग्राम के सेनानियों के त्याग और देशभक्ति की भावना से अवगत होगें समाज में होने वाले परिवर्तनों की जानकारी होगी। बालश्रम तथा श्रमिकों की परिथतियों की जानकारी मिलेगी।	किन्ही दस स्वतंत्रता सेनानियों के चित्र तथा संक्षिप्त जानकारी एकत्र करके लिखे। मिट्टी की कोई आकृति तैयार करके उसपर रंग करे।	कक्षा परीक्षा-।।।  पाठ्यक्रम - स्पर्श- गद्य खंड-वैज्ञानिक चेतना के वाहक चंद्र शेखर वेंकट रामन् काव्यखंड- अग्नि पथ व्याकरण- स्वर- संधि, विराम- चिन्ह, अर्थ की दृष्टि से वाक्य भेद लेखन- चित्र- वर्णन, संवाद लेखन
		संचयन-पाठ मेरा छोटा-सा निजी पुस्तकालय	पठन-पाठन में रुचि उत्पन्न होगी।	छात्रों को पुस्तकालय से पाठ्यक्रम के अतिरिक्त रोचक पुस्तकें लेकर पढ़ने के लिए प्रेरित करना।	

		व्याकरण- संधि व्याकरण-उपसर्ग- प्रत्यय	भाषा ज्ञान में वृद्धि	
दिसंबर	24.	पुनरावृति	पुनरावृत्ति	द्वितीय आवधिक परीक्षा स्पर्श- गद्य खंड- शुक्रतारे के समान काव्यखंड- नये इलाके में, खुश्बू रचते हाथ संचयन- कल्लू कुम्हार की उना कोटी व्याकरण- शब्द और पद उपसर्ग- प्रत्यय स्वर संधि अर्थ की दृष्टि से वाक्य के भेद लेखन- अनुच्छेद, अनौपचारिक
जनवरी	25.	पुनरावृति	प्रश्न-पत्र के प्रारूप पर चर्चा कर उसे सही ढंग से समय पर पूरा करने के लिए प्रोत्साहन देना।	कक्षा परीक्षा- IV संचयन- पाठ- मेरा छोटा - सा निजी पुस्तकालय व्याकरण- अनुस्वार- अनुनासिक उपसर्ग- प्रत्यय

				विराम- चिन्ह लेखन- संवाद लेखन
				श्रवण वचन कौशल के मूल्यांकन हेतु गतिविधि कार्य
फ़रवरी	26.	पुनरावृति	वार्षिक परीक्षाओं का आयोजन	वार्षिक परीक्षा संपूर्ण पाठ्यक्रम
मार्च		परीक्षा परिणाम		