

CARMEL CONVENT SR SEC SCHOOL, RATANPUR

YEAR PLANNER 2026-27 ,

CLASS - V

SUBJECT-COMPUTER

MONT H	NAME OF THE UNIT / CHAPTER AND SUB TOPICS	TIME ALLO TTED	LEARNING OUTCOMES	SUGGESTED ACTIVITIES / ASSESSMENT/ PRACTICAL	ART INTEGR ATED ACTIVI TY	KEY COMPETENCIES
April	Ch-1 (Know Your Computer) - All About CPU - The Evolution of Computers - Operating System - Basics of Snipping Tool and Character Map	8 Hrs	Children will learn the fundamentals of the CPU and its components. Explore the historical evolution of computers. Learn the key components of Windows 10. Learn how to take screenshots with the Snipping Tool. Learn how to use the Character Map.	Lab Activity 1 – Working with a Calculator Lab Activity 2 – Working with MS Paint and WordPad	-	- Experiential Learning - Observation - Analytical Skills - Technology Literacy - Creativity -Communication
June	Ch-5 (Fun with Robotics) -Introduction to Robotics and Quarky - How does a Robot move? - Connecting Quarky with PictoBlox - Quarky Gripper Robot	8 Hrs	Children will learn about Robotics, its significance, and impact. Get introduced to the Quarky Robot and its components. Understand how robots move using two wheels. Learn how to assemble the Quarky Gripper Robot and work with a Servo Motor with Quarky.	Lab Activity 12 – Make a Square Lab Activity 13 – Gripper Robot Controls Lab Activity 14 and 15 – LED Chase Game Lab Activity 16 – Bright Lamp	Art Integrated Project / Activity :LED Chase game Gripper Controlled Robot	- Experiential Learning -Observation - Analytical Skills -Document Creation - Technology Literacy - Creativity -Communication
July	Ch-6 (The World of AI) -Artificial Intelligence - Speech Recognition AI Technique - AI for Road Safety - Weather Monitoring	8 Hrs	Children will discover what AI is and how it functions. Explore examples of AI and its benefits in our daily lives. Learn the basics of speech recognition technology and its application in PictoBlox. Understand	Lab Activity 17 – Face Recognition Security System Lab Activity 18 – Expression Mimicking Robot	-	- Conceptual Understanding -Hands on Demonstration skills -Problem solving and Logical thinking - Creativity - Experiential Learning

	System		how AI contributes to road safety and learn about Recognition Cards and their use in PictoBlox. Explore the roles of latitude and longitude and create a Weather Monitoring System using PictoBlox.	Lab Activity 19 – Smart Lamp with Speech Recognition Lab Activity 20 – Self- Driving Car Lab Activity 21 – Weather Monitoring System		- Observation
August	Ch-7 (The World of Game Design) - Introduction: The Magic Behind Games -Level -Up Games.	8 Hrs	Children will understand how games are created using imagination, coding, and logic. Learn how to design interactive stories and exciting challenges. Understand how variables and cloning make games more dynamic and fun. Discover how to bring your own creative ideas to life in PictoBlox.	Lab Activity 22, 23, and 24- Space Battle game		- Experiential Learning - Observation - Conceptual Understanding -Hands on Demonstration skills -Problem solving and Logical thinking - Creativity
September	TERM-1 Exam [Ch- 1,5,6,7]		REVISION	REVISION		REVISION
October	Ch-2 (Coding and Algorithmic Thinking) - Understanding Algorithm and Flowcharts - Decomposition - Coding with PictoBlox - Cloning in PictoBlox - Reading QR Code	7 Hrs	In this Chapter, children will: Learn what an algorithm is and learn how to create one using a flowchart. Learn the key components of PictoBlox, including the sprite, Blocks, Script, Palette and the stage's coordinate system. Develop an understanding of how cloning works within PictoBlox. Discover what a QR Code is and learn how to read one using PictoBlox. Learn how to	Lab Activity 3 – Tobi Walking Lab Activity 4 – Taco Chase: Evading the Beetle Lab Activity 5 – Colourful Tobi Tracing Lab Activity 6 – Star Scribbler Lab Activity 7 - QR Code	-	-Creativity -Collaboration - Experiential Learning -Observation - Analytical Skills -Document Creation - Technology Literacy

	with PictoBlox		apply graphic effects and create animations in PictoBlox.	Reader Lab Activity 8 – QR Code Book Scanner		
November	Ch-3 (Explore more in MS Word) - Tables and Tools used in MS Word -Formatting Documents in MS Word - Watermark and Drop cap in MS Word	7 Hrs	Children will learn how to create and format tables. Understand adding, deleting, and beautifying table rows and columns. Master Word's spelling and grammar and find and replace functions. Learn how to add headers and footers to documents. Explore adding watermarks and creating drop caps in Word.	Lab Activity 9 – Creating and Managing Tables Lab Activity 10 – Formatting Documents	-	-Creativity -Collaboration - Experiential Learning -Observation - Analytical Skills -Document Creation - Technology Literacy
December	Ch-4 (Introduction to MS Excel) -What is MS Excel? - Cells, Rows and Columns - Auto Drag in MS Excel	7 Hrs	Children will learn about MS Excel and its components. Learn how to open MS Excel. Learn to enter data in cells, rows, and columns. Understand how to edit cells, rows, and columns. Explore how to use the Auto Drag feature in MS Excel.	Lab Activity 11 – My Class List	-	-Creativity -Collaboration - Experiential Learning -Observation - Analytical Skills -Document Creation - Technology Literacy
January	Ch-8 (Exploring the Internet) - Understanding the Internet - Communication Tools -ChatGPT- An AI-Based Communication Tool	7 Hrs	In this Chapter, Children will understand what the Internet is and how it operates. Get familiar with key terms like WebPages, websites, web servers, search engines, URL's and hyperlinks. Discover the steps to set up a new Gmail account. Learn how to compose and send emails effectively. Understand the importance of staying safe online and following	Lab Activity 25 – Writing an Email to a Friend	-	-Creativity -Collaboration - Experiential Learning -Observation - Analytical Skills -Document Creation - Technology Literacy

			good communication practices.			
February	TERM-2 Exam [Ch- 2,3,4,8]		REVISION	REVISION		REVISION

Name of Incharge Teachers:

Mrs. Bhuvan Gangil
Mrs. J. Indumathi
Mr. Jaideep Mathew

Signature of Coordinator:

Mrs. Anita Mandal

Signature of Principal: _____

CARMEL CONVENT SR SEC SCHOOL, RATANPUR

YEAR PLANNER 2026-27 ,

CLASS - V

SUBJECT- SOCIAL STUDIES

MONTH	NAME OF THE UNIT / CHAPTER AND SUB TOPICS	TIME ALLOTTED	LEARNING OUTCOMES	SUGGESTED ACTIVITIES / ASSESSMENT/PRACTICAL	ART INTEGRATED ACTIVITY	KEY COMPETENCIES
April	Ch.1.Globe, Maps and Directions	9 hrs.	Learn about the uses of globes and maps,differentiate between different types of maps,how to locate different directions,reading maps using different elements.	On the political map of India mark atleast five states.On the physical map of India mark physical features like mountains,plateaus,plains and seas using Different colours.	3D model of globe showing latitudes and longitudes.	Map Skill, Observation, Memorisation,Attention to detail.
	Ch.2. The Imaginary Lines	10 hrs.	Learn about important latitudes and longitudes, the grid and its use,Greenwich Mean Time and the Indian Standard Time.	Draw a web chart to show major longitudes and latitudes	On a political map of India find out which important latitude passes through it(India) and the states through which it passes.	Observation, Critical and Logical thinking Memorisation.

June	Ch.3. Movements of the Earth	10 hrs.	Learn about the axis of the Earth. Understand the rotation and revolution of the Earth and its effects.	Draw a diagram showing the revolution of the Earth around the Sun and clearly show seasonal changes.	Draw a diagram showing occurrence of Lunar and Solar Eclipse	Critical thinking, Creativity, General Awareness and Observation.
July	Ch.4. Structure of the Earth	8 hrs.	Learn about the Continental Drift Theory, the three layers that make up the interior of the Earth and the exterior features of the Earth.	Label all the oceans and the continents on the outline map of the world.	Make a 3D Model showing the interior of the Earth.	Map Skill, Attention to detail, Memorisation and Observation.
	Ch. 5. Major Landforms	10 hrs.	Understanding different physical features, their importance and uses.	Draw a mind map to show major landforms of India with examples.	Make a clay model to show hills, Mountain ranges, plateaus, plains and deserts	Research, Memorisation and Creativity.

August	Ch.6. Weather and Climate	9 hrs.	Understand the difference between weather and climate, the factors that affect climate of a place, heat zones.	Draw a mind map to show factors determining climate and three major Heat Zones of the Earth.	On a chart paper prepare a weather calendar of 15 days	Research, Observation and Critical thinking.
	Ch.7. Pollution	8 hrs.	Understand pollution its types, causes, effects and prevention.	Group Discussion- As a citizen of India what responsibility do you have to prevent your surroundings from becoming polluted.	Make a chart on the causes, effects and prevention of all types of pollution.	Communication, Collaboration,
	Ch.8. Saving the Environment	8 hrs.	Learn about environment and the threats it faces, different types of waste, different ways to dispose waste and the three R's to manage waste	Write a note on three R's .	Poster making on Save Environment.	Critical thinking and Creativity.

September	Revision for Term 1					
	Ch.9.Natural Disaster	9 hrs.	Learn about different types of natural disasters, effects of natural disaster and precautions.	Group Discussion on any one natural disaster.	Collect pictures of different natural disaster and make a collage.	Awareness, Creativity, Life Skills and Observation.
October	Ch.10. Equatorial Forest Region	10 hrs.	Learn about Equatorial forest region,its location, climate ,vegetation, wild life and life style of the people of this region, their occupations ,transportation, languages and important cities.	On the outline map of the world locate the Equatorial Region.	Collect pictures of wildlife found in equatorial region and make a collage.	Observstion, Creativity,Collaboration, Research and Teamwork.

November	Ch.11. The Desert Region	9 hrs.	Learn about the major deserts of the world, climate, vegetation, animal life, human life.	On the outline map of the world mark the deserts.	Make a 3D model of a desert region .	Creativity, Map Skill, Research.
	Ch.12. The Temperate Grassland-Pampas	9 hrs.	Learn about major grasslands of the world, location ,climate,vegetation and animal life of grassland ,lifestyle of the people.	On the outline map of the world mark all the Grassland.	Make a collage of different animals of Grassland.	Creativity, Map Skill, Memorisation
	Ch.13 The Polar Region	10 hrs.	Learn about the climate, vegetation animal and human settlements of the polar region.Understand the lifestyle of the people.	Picture based Question (based on the lesson)	Make a 3D model of different types of houses and write special features of each.	Research, Creativity and Memorisation

Decem ber	Ch.14.Indian Freedom Struggle- the First War of Independence	9 hrs.	Learn how British came and established their rule in India, understand the dissatisfaction among Indians caused by the rule of British ,1857 Revolt	Prepare a mind map to show the important events that occurred on the years given .	Role Play.	Creativity, Critical thinking Research,Observation and Memorisation.
	Ch.15. India Wins Freedom	10hrs.	Learn about the conditions that led to the formation of the Indian National Congress,Gandhiji's contribution in the Indian freedom struggle, different movements organised after the return of Gandhiji	Paste picture of any one Indian freedom fighter and write about his/her contributions to achieve independence	Make a chart on the topic 'Indian Independence' and paste related images	Creativity, Communication, Imagination and Research.

January	Ch. 16. The Indian Government	9 hrs.	Learn about the government and its working at different levels.	Mind Map based on the lesson	Paste pictures of Presidents of India till date also mention their tenure.	Creativity, Research and Critical thinking.
	Ch.17.The United Nations	9 hrs.	Learn about the formation and objectives of the United Nations, the working of five major organs of the United Nations	Group Discussion based on the lesson	Poster making on 'Prevention of Wars'	Memorisation, Creativity, General awareness and Research.
	Ch.18. Agencies of the United Nations	9 hrs.	Learn about the working and the role of the specialised agencies of the United Nations, achievements of the UN, India's involvement in the activities of the UN	Mind map based on the lesson, Picture based question.	Draw logo of the agencies of the UN	Research, Creativity, General awareness, Communication.

Februa ry	Ch.19 TheGreat Achievers of India Revision for Term II	10 hrs.	Learn about the life ,achievements and contributions of some great personalities of India in the field of technology, science,social service ,sports and entertainment.	Mind map based on the lesson.	Collect pictures and information about achievements of any great achiever of your choice and make a project report.	Critical thinking,Observation and Memorisation.Research, Critical thinking and memorisation.
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Name of Incharge Teachers: _Mrs. Beneniya Minj, Mrs. Ligimol, Mrs. Renu Sarkar

Signature of Coordinator: _Ms. Jhinuk Chakraborty

Signature of Principal:

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CARMEL CONVENT SENIOR SECONDARY SCHOOL, RATANPUR ,BHOPAL
YEAR PLANNER 2026-2027
CLASS 5 (ENGLISH)

MONTH	NAME OF THE UNIT / CHAPTER AND SUB TOPICS	TIME ALLOTTED FOR EACH UNIT	LEARNING OUTCOMES	SUGGESTED ACTIVITIES/ INTERNAL ASSESSMENT (SEA & MT)/ INCLUSIVE ACTIVITY.	ART INTEGRATED ACTIVITY/ART INTEGRATED PROJECT	KEY COMPETENCIES TO BE ACHIEVED.
APRIL	Course Book Chapter -1 Ali Baba and Forty Thieves; Poem- Leisure (oral) Grammar Week-1 Types of Adjectives -I, Week -2 Types of Adjectives-II, Week -3 Contractions	5 hours 9 hours	Story teaches us that excessive greed can lead to trouble and loss. The story provides a glimpse into Middle Eastern culture Poem–Gives message of taking breaks and relax	Activity based on compound words Pick out the rhyming words of the poem “Leisure”. Activity based on Prefixes and Suffixes	Design a Wedding Card	Students will develop accurate language usage and correct pronunciation, enhance the communication skills and build rich vocabulary and improve their ability to express themselves effectively in both spoken and written forms
JUNE	Course Book Chapter-2 Here comes Charlie Poem-The Sheep(Lines, exercise and Poetic device) Grammar Week-5 Adverbs of Reason and Degree-I ,Week -6 Adverbs of Reason and Degree – II, Week -7 Question Tags; Formal Letter	6 Hours 5 hours 2 hours	Learn about kindness empathy, teamwork and friendship. The poem teaches us innocence ,purity harmony with nature.	Activity based on poetic devices of Poem “The Sheep”. Activity based on synonyms	Paste wrappers of any 5 chocolates and write the manufacturing date expire date and MRP.	Through the development of proper language structure and accurate pronunciation their communication abilities will improve.

JULY SYLLABUS P.T.1 Course Book- Chapter 1 Grammar- Week-1,2,3	Course Book Chapter-3 The Cat in the Ghat I, Chapter- 4 At Home with Grandfather(I) Grammar Week-9 preposition of Place, Time and Movement, Week -10 Spelling Corner- Latin Root Words ,Week -11 Punctuations	7 hours 14 hours	General outcomes:- Students will gain knowledge of correct pronunciation, rich vocabulary, self- expression Specific Outcomes :- Gain knowledge of perception of class, beauty, wealth and generosity.	Imagine you are one of the children in the story. Create and discuss the step and step plan to clean up the mess made by the cat in the hat	Make a frog with a paper or sheet. Based on the description in the story, draw the inside of Grandfather's hut.	Students will improve to communicate clearly. Enhance all skills of Language.
AUGUST	Course Book Chapter 5 –At Home with Grandfather (II), Poem –When do Hippos Play?(Question- Answer) Grammar Week-13 Reflexive And Emphatic Pronouns ,Week -14 Conjunctions -I ,Week -15 Conjunctions –II Message Writing, Paragraph Writing	7 hours 15 hours 3 hours	General Outcomes:- Improve vocabulary, pronunciation Specific Outcomes:- Understanding and recognizing the relationship between grandfather and children Students will be able to understand cultures and tradition around the world	Describe the grandfather's character highlighting his traits and qualities. Make sentences of any ten pronouns taught in the class.	Make an advertisement phrase for the given item ice-cream, cold drink, chocolate, noodles. Design a travel brochure for your city Bhopal	The chapter 's theme relate to family and relationships. Encourage the students to share their thoughts and feeling. Message writing helps students to articulate their thoughts effectively
SEPTEMBER	Term 1 Exam Syllabus Course book Chapter- 1,2, 3, 4,5 Poem - 1) Leisure (oral), 2)The Sheep(Lines &Exercises) ,3)When do Hippos Play?(Question &	3 hours			Revision & Term 1 Exam	

	Answer) Grammar Week- 1,2,3,5,6,7,9,10,11,13, 14,15 Formal letter, Message Writing, Paragraph Writing, Dictation words and Paragraph Dictation- Chapter 1 to 5					
OCTOBER	TERM-2 Course book Chapter -6 Around the world in Eighty Days (Activity) ,Chapter -7 The Night the Roof Blew off; Poem- My Shadow (Question & Answer) Grammar Week -17 Transitive Verbs, Week -18 Intransitive Verbs, Week-22 Spelling Corner- words from Mythology Informal letter	5 hours 12 hours 3 hours	General Outcomes :- Improve better communication skills Learn to read the poem effectively with proper intonation and rhythm Specific Outcomes:- Learn to summarize a story Students will relate themselves with the main theme of the poem of curiosity and wonder	Write the importance of family during difficult times. Write names of different poetic devices	Prepare a chart and learn rules of past tense. Make a weather vane.	Students will learn to use language correctly and pronounce words properly which help them to become better communicator. They will also learn new words
NOVEMBER PT-2 Syllabus Term Book Chapter-7 The Night The Roof Blew Off Grammar- Week- 17,18,22	Course Book Chapter- 8 The Nightingale ,Chapter- 9 The Pied Piper of Hamelin Poem- If Mice Could Roar(Oral) Grammar- Week-25 Phrases-Noun Phrases, Week-26 Phrases-Verbs and Adverb phrases, Week	5 hours 6 hours	General Outcomes :- Correct knowledge of language skills Specific outcomes:- The story "The Nightingale emphasizes the beauty and value of nature and natural world. The story "The Pied Piper of Hamelin teaches the importance of keeping		Make a daily schedule of yourself.	The chapter will develop critical thinking skills and improve their communication abilities.

	-27 Phrases- Adjective and Preposition Phrases Notice Writing	4 hours	promises			
DECEMBER	Course Book Chapter-10 When Aarav Met The Master Poem- Imagination(Lines and Exercises) Grammar Week-29 Perfect Tenses-I, Week-30 Perfect Tenses-II, Week-31 Dependent and Independent Clauses	7 hours 12 hours	Specific outcomes Understanding the importance of mentorship and kindness	Paste the pictures of different prepositions showing its position with the help of an object.		Students enhance their communication skills by mastering correct language. Students will be better equipped to articulate ideas effectively in both oral and written forms.
JANUARY	Course Book Chapter-11 The Happy Prince Grammar Week-33 Conditionals, Week-34 Spelling Corner- Suffixes '-ence' and '-ance', Week -35 Simple ,Complex and Compound Sentences Picture Description	5 hours 10 hours 2 hours	The story teaches valuable lessons about kindness sacrifices and compassion. It highlights that true happiness comes from helping others.	Write a personal narrative of about 200 words on 'A Friend in need is a friend indeed'	Make a chart on kinds of Adverbs.	By cultivating proper grammar and precise pronunciation students will enhance their proficiency in communication skills.
FEBRUARY	Term 2 Exam Syllabus Course Book Chapter-7,8,9,10,11 Poem-1) My Shadow	3 hours			Revision & Term 2 Exam	

	(Question & Answer), 2) Imagination(Lines and Exercise), 3) If Mice Could Roar(Oral) Grammar Week- 17,18,22,25,26,27,29,3 0,31,33,34,35 Informal letter, Notice Writing, Picture Description Dictation words and Paragraph Dictation- Chapter -7 to 11					
MARCH						

NAME OF THE SUBJECT TEACHERS: MRS.SARITA DUBEY, MRS SAPNA SHARMA ,MRS.BALJEET KAUR

SIGNATURE OF SUBJECT CORDINATOR: MRS .SHEEBA MATHEW

SIGNATURE OF PRINCIPAL:

CARMEL CONVENT SCHOOL SR. SEC. SCHOOL, RATANPUR

YEAR PLANNER 2026-27

CLASS- V

SUBJECT- Hindi

Month	Name Of The Unit/ Chapter And Sub-Topics	Time Allotted	Learning Outcomes	Suggested Activities/ Assessment/ Practical	Art Integrated Activity	Key Competencies
अप्रैल, 2026	पाठ्यपुस्तक मेधा पाठ 1- हम जब होंगे बड़े	5 घंटे	कविता में व्यक्त भाव को समझ सकना। देश में व्याप्त कुरीतियों के बारे में जानना और उसे मिटाने में सहयोग करना।	कविता का हाव - भाव से वाचन कार्यपत्रक	राष्ट्र ध्वज का चित्र बनाकर कविता की दस पंक्तियाँ लिखिए।	देश के सभी लोगों में नफ़रत न होकर प्रेम होना।
	पाठ 2 मिट्ठू	5 घंटे	कहानी के माध्यम से छात्रों में सकारात्मक भावना जागृत करना। जीवों के प्रति प्रेम होना।	कहानी का वाचन हाव-भाव और शुद्ध उच्चारण से करना।	एक वानर का चित्र बनाकर दो वाक्य लिखिए।	तार्किक क्षमता का विकास। जीवों से मैत्रीपूर्ण संबंध स्थापित होना।
	व्याकरण-पुष्प पाठ1 - भाषा और व्याकरण	3 घंटे	भाषा, बोली और लिपि की परिभाषा जानकर हिंदी व्याकरण का महत्व समझना।	भारत के पाँच राज्यों के नाम बताइए जहाँ हिंदी भाषा बोली जाती है।	चार्ट पेपर में मौखिक भाषा और लिखित भाषा की दो-दो उदाहरण लिखिए।	भाषा ज्ञान में वृद्धि

जून	पाठ्यपुस्तक मेधा पाठ 3 मैं मज़दूर हूँ	6 घंटे	मज़दूरों की स्थिति में सुधार लाने की प्रेरणा जागृत होना। प्राचीन काल से आधुनिक काल तक के विकास में मज़दूरों की भूमिका का बोध होना।	श्रमिकों के कल्याण हेतु ' अंतरराष्ट्रीय श्रम संगठन ' के बारे में जानकारी एकत्र कीजिए।	जानवरों द्वारा खींचे जानेवाले किन्हीं तीन वाहनों के चित्र चिपकाइए और उनके नाम लिखिए।	सकारात्मक सोच और आत्मविश्वास होना।
	पाठ 4 स्वामी विवेकानंद	6 घंटे	सर्वधर्म समभाव और मानवता का संदेश देने वाले महान पुरुष स्वामी विवेकानंद के बारे में जानना।	पाठ में स्वामी विवेकानंद के जीवन से संबंधित विशेषता शब्दों की सूची बनाइए।	स्वामी विवेकानंद का चित्र चिपकाकर उनका परिचय लिखिए।	सहानुभूति, आदर, सद्भाव आदि गुणों का विकास।
	व्याकरण - पुष्प पाठ 2 वर्ण-विचार	3 घंटे	वर्ण, वर्णमाला, स्वर और व्यंजन की परिभाषा एवं उनके प्रकार जानना।	हिंदी वर्णमाला का शुद्ध उच्चारण कीजिए।	स्वर एवं उनके मात्राओं को चार्ट पेपर में लिखिए।	भाषा ज्ञान में वृद्धि
जुलाई PT-1 Exam 13/07/2026 Hindi syllabus मेधा पुस्तक पाठ 1,2 व्याकरण पुष्प पाठ 1,2	पाठ्यपुस्तक मेधा पाठ 5 उखड़े खंभे	5 घंटे	भ्रष्टाचार व मुनाफाखोरी के प्रति जागरूकता लाना। विभिन्न सरकारी पदों का बोध होना।	भ्रष्टाचार से समाज को मुक्त करने के लिए कोई दो उपाय लिखिए।	भ्रष्टाचार उन्मूलन के लिए कार्य करने वाले किन्हीं तीन महान पुरुषों का चित्र चिपकाकर उनका नाम लिखिए।	प्रत्येक कार्य में सक्रिय एवं ईमानदार होना।
	पाठ 6 हम कुछ करके दिखलाएँगे	6 घंटे	कविता के भावों को समझना। दीन-दुखियों व असहाय व्यक्तियों की सहायता करना।	कविता का हाव-भाव से वाचन करना। परिश्रम करने के लिए आप क्या-क्या कदम उठाएँगे? बताइए।	स्वतंत्रता संग्राम में शहीद हुए किन्हीं तीन स्वतंत्रता सेनानियों के चित्र चिपकाइए और उनके नाम, जन्म तिथि व शहीद होने की तिथि लिखिए।	जरूरतमंदों व अनार्यों की सहायता के लिए आगे आना।

	व्याकरण - पुष्प पाठ 3 शब्द-विचार	3 घंटे	शब्द की परिभाषा, भेद एवं शब्द निर्माण करना।	सार्थक और निरर्थक शब्द में अंतर बताइए। कार्यपत्रक	कार्ड में लिखे गए तत्सम और तद्भव शब्द को अलग करना।	शब्द भंडार में वृद्धि।
	पाठ 4 संज्ञा	4 घंटे	संज्ञा तथा उनके प्रकारों को समझकर भाषा में उनका महत्व जानना।	जातिवाचक संज्ञा के पाँच उदाहरण बताइए।	संज्ञा के तीनों भेदों को उदाहरण सहित चार्ट पेपर पर दर्शाइए।	संज्ञा के द्वारा नामों का ज्ञान होना।
	पाठ 5 शब्दों के विकारक तत्व- लिंग	3 घंटे	लिंग के भेद के आधार पर पुल्लिंग और स्त्रीलिंग के शब्दों को पहचानना।	पुल्लिंग और स्त्रीलिंग के तीन-तीन उदाहरण बताइए।	सदैव स्त्रीलिंग में प्रयोग किए वाले चार शब्द लिखिए।	शब्द तथा वाक्य पढ़कर पुल्लिंग और स्त्रीलिंग पहचान पाना।
	पाठ 6 शब्दों के विकारक तत्व- वचन	3 घंटे	वचन की परिभाषा तथा भेद को जानना। वाक्य प्रयोग करते समय वचन का विशेष ध्यान देंगे।	वचन के प्रकार तथा उनके तीन-तीन उदाहरण बताइए।	चित्र चिपकाकर या बनाकर एकवचन और बहुवचन लिखिए।	आदरसूचक शब्दों का प्रयोग करना।
अगस्त	पाठ्यपुस्तक मेधा पाठ 7 वेनका की चिट्ठी	3 घंटे	मौखिक अभिव्यक्ति डाकघर में उपयोग में लाए जाने वाले साधनों के नाम जानना।	अनाथ बच्चों के बारे में चर्चा की जाएगी।	लिफाफा, पोस्टकार्ड एवं अन्तर्देशीय पत्र का चित्र बनाइए।	अनाथ बच्चों के प्रति प्रेम, दया व सहानुभूति होना।
	पाठ 8 स्वास्थ्य और व्यायाम	5 घंटे	स्वस्थ रहने के लिए नियमित व्यायाम करना तथा व्यायाम की उपयोगिता व महत्व को जानना।	आपके मन पसंद खेल के बारे में तीन-तीन बातें बताइए।	आपका पसंदीदा खेल का चित्र चिपकाकर, किन्हीं दो प्रमुख खिलाड़ियों के नाम लिखिए।	व्यायाम से लाभ

	पाठ 9 अपना गाँव	2 घंटे	मौखिक अभिव्यक्ति गाँव के रहन-सहन के बारे में जानना।	शुद्ध उच्चारण करते हुए पाठ का वाचन करना।	मौखिक अभ्यास	शब्दों का शुद्ध एवं स्पष्ट उच्चारण करना।
	व्याकरण-पुष्प पाठ 7 शब्दों के विकारक तत्व- कारक	3 घंटे	कारक के भेद और उनके अनुप्रयोग से अवगत कराना।	अपनी पाठ्यपुस्तक से एक अनुच्छेद लिखिए। उसमें आए कारकों को रेखांकित कीजिए।	कारक एवं उनके विभक्ति चिह्नों को चार्ट पेपर पर दर्शाइए।	कारक एवं विभक्तियों के प्रयोग में निपुणता लाना।
	पाठ 8 सर्वनाम	4 घंटे	सर्वनाम की परिभाषा, भेद एवं हिंदी साहित्य में सर्वनाम के महत्व को समझना।	सर्वनाम के भेदों के नाम सहित एक-एक उदाहरण बताइए।	पाँच गुब्बारे का चित्र बनाकर उसमें सर्वनाम के शब्द लिखिए।	वाक्य में प्रयुक्त सर्वनाम के शब्द को पहचान पाना।
	पाठ 20 अपठित गद्यांश	2 घंटे	अपठित गद्यांश को पढ़कर उसका सार समझना।	दिए गए अपठित गद्यांश को पढ़कर प्रश्नों के उत्तर लिखिए।	अभ्यास हेतु अपठित गद्यांश	कलात्मक लेखन शैली का विकास
	पाठ 21 संवाद-लेखन	3 घंटे	संवाद पात्रों के अनुकूल हो तथा भाषा सरल और व्यावहारिक होना।	अपने जन्मदिवस पर आमंत्रित करने के लिए दो बच्चों के बीच संवाद।	विद्यालय के बारे में दो मित्रों के बीच संवाद	संवादात्मकता का विकास
	पाठ 23 चित्र वर्णन	2 घंटे	चित्र देखकर उचित शब्दों द्वारा सार्थक वाक्य बनाना।	पाठ में दिए गए चित्र को देखकर पाँच वाक्य लिखिए।	अभ्यास कार्य	सृजनात्मकता का विकास
	पाठ 24 अनुच्छेद लेखन	3 घंटे	दिए गए विषय पर अपने विचारों तथा भावों को प्रभावशाली ढंग से व्यक्त कर सकना।	'खेलों का महत्व' विषय पर एक अनुच्छेद लिखिए।	अभ्यास कार्य	बौद्धिक एवं तार्किक क्षमता का विकास

	पाठ 25 पत्र लेखन (अनौपचारिक पत्र)	3 घंटे	अनौपचारिक पत्र लेखन के नियम और तरीका जानना।	कविता प्रतियोगिता में प्रथम पुरस्कार पाने पर छोटी बहन को बधाई-पत्र लिखिए।	अभ्यास कार्य	रचनात्मक लेखन शैली का विकास
सितंबर Term 1 exam 01/09/2026 Hindi syllabus	पाठ्यपुस्तक मेधा पाठ 10 धाय माँ पन्ना का त्याग	3 घंटे	मौखिक अभिव्यक्ति मेवाड़ के इतिहास और धाय माँ पन्ना के त्याग के बारे में जानना।	पाठ का वाचन तथा पाठ में आए कठिन शब्दों का शुद्ध उच्चारण करें।	मौखिक अभ्यास	शब्दों का शुद्ध उच्चारण करना।
मेधा पुस्तक पाठ 3,4,5,6,8 (पठित गद्यांश, पद्यांश)	पाठ 11 मुझसे कुछ मत छिपाना	5 घंटे	लोगों के साथ मिल -जुलकर रहने की भावना विकसित होना। बच्चे और माता -पिता के बीच मित्रभाव होना।	खो-खो या अन्य कोई खेल खेलते समय किन-किन बातों पर ध्यान केंद्रित करना करना चाहिए।	प्रसिद्ध उद्योगपति जे आर डी टाटा का फोटो चिपकाइए और जन्म तिथि तथा उनके माता -पिता का नाम लिखिए।	खेलों में भाग लेने के प्रति रुचि उत्पन्न होना।
व्याकरण पुष्प पाठ 3,4,5,6,7,8, 20, 23, 24, 25 अपठित गद्यांश, चित्र वर्णन, अनुच्छेद लेखन, पत्र लेखन	पाठ 12 काँटों में राह बनाते हैं	5 घंटे	मनुष्य अगर हिम्मत कर ले तो कठिन से कठिन और बड़ी से बड़ी मुसीबतों का सामना कर सकता है।	कविता का हाव-भाव और लय से वाचन कार्यपत्रक	पर्वत का चित्र बनाकर मध्यप्रदेश के तीन पर्वतों के नाम लिखिए।	परिश्रम से ही सफलता मिलती है।
अक्टूबर	पाठ्यपुस्तक मेधा पाठ 13 काम के धुनी श्रीधरन	6 घंटे	किसी भी काम को सूझ-बूझ और कर्मठता से करना। कार्य के प्रति निष्ठा व लगन जागृत होना।	साक्षरता की दृष्टिकोण से भारत के छः प्रदेशों के नाम लिखिए।	कार्डबोर्ड की सहायता से मेट्रो ट्रेन का मॉडल बनाइए एवं स्थान का नाम लिखिए।	कार्य के प्रति निष्ठा व लगन जागृत होना।

	पाठ 14 ज्ञान मार्ग	5 घंटे	ज्ञान का सदुपयोग करना। अहंकार विनाश की जड़ है।	पाठ में से ही वर्तमानकाल, भूतकाल और भविष्यकाल के दो-दो वाक्य बनाइए।	पाठ में दिए गए पशुओं के अलावा किन्हीं तीन हिंसक पशुओं के चित्र चिपकाकर उनके नाम लिखिए।	व्यावहारिक ज्ञान में वृद्धि
	व्याकरण पुष्प पाठ 9 विशेषण	3 घंटे	किसी वस्तु या प्राणी के बारे में सहजता से बोल एवं समझ सकना।	विशेषण के चार उदाहरण बताइए।	कक्षा गतिविधि कक्षा के छात्रों के नाम लिखकर उनके लिए विशेषण शब्द (नाम के साथ) लिखिए।	हिंदी भाषा के प्रति रुचि उत्पन्न होना।
	पाठ 10 क्रिया	3 घंटे	काम हो रहा या नहीं वाक्य पढ़कर या चित्र देखकर समझ सकना	सकर्मक और अकर्मक क्रिया में अंतर बताइए।	कक्षा गतिविधि वस्तु दिखाकर क्रिया शब्दों का प्रयोग	क्रिया के प्रयोग में निपुणता
	पाठ 11 काल	3 घंटे	काल का प्रयोग एवं उसके प्रकारों को पहचानना।	अपनी आज की दिनचर्या अपनी डायरी में लिखिए।	दिए गए वाक्यों को निर्देशानुसार बदलकर बोलिए। 1. मैं दिल्ली जाऊँगा (वर्तमानकाल)	बौद्धिक क्षमता का विकास
नवंबर PT-2 Exam 16/11/2026 Hindi syllabus	पाठ्यपुस्तक मेधा पाठ 15 पिरामिडों के देश में	6 घंटे	मिस्र वासियों का रहन-सहन और गीजा (सकारा) के पिरामिड के बारे में जानना।	विश्व की सबसे लंबी नदी के बारे में बताइए।	दफ़्ती, कागज, गोंद आदि की सहायता से एक पिरामिड का मॉडल बनाइए तथा पिरामिड का नाम लिखिए।	विश्व धरोहर के बारे में ज्ञान प्राप्त करना।
पाठ्यपुस्तक मेधा पाठ 11,12 व्याकरण पुष्प पाठ 9,10	पाठ 16 रक्त की कहानी	6 घंटे	हीमोग्लोबिन, प्लेटलेट्स और शरीर में रक्त संचार प्रणाली का ज्ञान होना।	रक्तदान शिविर के बारे में बताइए।	रक्त समूहों का एक चार्ट तैयार कीजिए।	रक्तदान एक महत्वपूर्ण कदम व योगदान

	व्याकरण पुष्प पाठ 12 अविकारी शब्द	6 घंटे	हिंदी साहित्य में अपरिवर्तनीय शब्दों के बारे में जानना।	कोई पाँच अविकारी शब्द बताइए।	कार्डबोर्ड की सहायता से एक छाता का मॉडल बनाइए उसपर विस्मयादिबोधक शब्द लिखिए	शब्द भंडार में वृद्धि
	पाठ 13 वाक्य	3 घंटे	सार्थक शब्द से सार्थक वाक्य का निर्माण करना।	दो सार्थक शब्द तथा दो सार्थक वाक्य बोलिए।	दिए गए शब्द से वाक्य बनाइए।	व्याकरण के माध्यम से वर्तनी शुद्ध एवं भाषा कौशल का विकास
दिसंबर	पाठ्यपुस्तक मेधा पाठ 17 भूल गया है क्यों इंसान	5 घंटे	आपसी भाई-चारे की भावना का विकास होना। अपने-अपने कर्मों के प्रति सचेत होना।	कविता का हाव-भाव और लय से वाचन	विश्व शांति की दिशा में आजीवन प्रयास करने वाले किन्हीं तीन महान व्यक्तियों के चित्र उनके नाम सहित चिपकाइए।	विश्व बंधुत्व की भावना जागृत होना।
	व्याकरण पुष्प पाठ 14 शब्द भंडार समानार्थी / पर्यायवाची शब्द	3 घंटे	शब्द भंडार में से पर्यायवाची शब्दों के बारे में जानना।	निम्न शब्दों के एक-एक पर्यायवाची शब्द बताइए। जंगल, नदी, तालाब	पर्यायवाची शब्दों से पाँच-पाँच लड़ी बनाइए। सूरज, ईश्वर, पेड़	शब्द भंडार में वृद्धि
	पाठ 15 विलोम शब्द	3 घंटे	एक दूसरे के विपरीत अर्थ बताने वाले शब्दों के बारे में जानना।	दिए गए शब्दों के विलोम शब्द बताइए। एकता, मानव, उचित	विलोम शब्दों के चित्र बनाइए। सीधा -उल्टा छोटा -बड़ा	भाषा के ज्ञान में वृद्धि
	पाठ 16 श्रुतिसम-भिन्नार्थक शब्द	3 घंटे	कुछ शब्द सुनने में तो समान लगते लेकिन उनके अर्थ भिन्न होते हैं ऐसे शब्दों के बारे में जानना।	निम्न श्रुतिसम- भिन्नार्थक शब्दों से एक-एक वाक्य बनाइए। 1) मैं, मैं 2) उत्तर- उत्तर	दिए गए श्रुतिसम- भिन्नार्थक शब्दों के अर्थ बताइए। 1) मेला -मैला	शब्दों के अर्थ में स्पष्टता।

जनवरी, 2027	पाठ्यपुस्तक मेधा पाठ 18 गुणकारी शहद	3 घंटे	मौखिक अभिव्यक्ति शहद के औषधीय गुणों के बारे में जानना।	शहद गुणकारी है इसके बारे में बताइए।	मौखिक अभ्यास	शहद की शुद्धता को पहचानना।
	व्याकरण पुष्प पाठ 17 वाक्यांशों के लिए एक शब्द	3 घंटे	भाषा में संक्षिप्तता, प्रवाह और सरसता लाने के लिए अनेक शब्दों के लिए एक शब्द का प्रयोग करना।	दैनिक जीवन में प्रयोग करने वाले तीन अनेक शब्दों के लिए एक शब्द बताइए।	छात्रों को दो दलों में विभाजित किया जायेगा। पहला दल वाक्यांश बोलेंगे दूसरा दल एक शब्द बताएँगे।	भाषा का रोचक होना।
	पाठ 18 मुहावरे	3 घंटे	भाषा को प्रभावशाली बनाने के लिए मुहावरों का प्रयोग।	दिए गए मुहावरों का अर्थ लिखकर वाक्य बनाइए।	कक्षा गतिविधि मुहावरे और उसका अर्थ बताइए।	मुहावरे का प्रयोग कर हिंदी भाषा को रोचक बनाना।
	पाठ 19 विराम- चिह्न	3 घंटे	वाक्य को बोलने व लिखने में आशय स्पष्ट करने के लिए विराम चिह्नों का प्रयोग करना।	पूर्णविराम और प्रश्नवाचक चिह्न का प्रयोग करते हुए दो-दो वाक्य लिखिए।	छात्रों को दो दलों में विभाजित किया जायेगा। एक दल विराम का नाम और दूसरा दल विराम चिह्न दिखाएगा।	विराम चिह्न के प्रयोग से आशय स्पष्ट होना।
	पाठ 20 अपठित गद्यांश	3 घंटे	अपठित गद्यांश को पढ़कर उसका सार समझना।	दिए गए अपठित गद्यांश को पढ़कर प्रश्नों के उत्तर लिखिए।	पुनरावृत्ति कार्य	बौद्धिक एवं तार्किक क्षमता का विकास
	पाठ 23 चित्र वर्णन	3 घंटे	चित्र को देखकर उचित शब्दों द्वारा सार्थक वाक्य बनाना।	चित्र को देखकर पाँच वाक्य लिखिए।	पुनरावृत्ति कार्य	सृजनात्मकता का विकास
	पाठ 24 अनुच्छेद लेखन	3 घंटे	दिए गए विषय पर अपने विचारों और भावों को प्रभावशाली ढंग से व्यक्त कर सकना।	'मेरी प्रिय सखी/दोस्त' विषय पर एक अनुच्छेद लिखिए।	पुनरावृत्ति कार्य	बौद्धिक और तार्किक क्षमता का विकास

	पाठ 25 पत्र लेखन	3 घंटे	अनौपचारिक पत्र लेखन के नियम व तरीका जानना ।	अपने मित्र को अपने जन्मदिवस पर आमंत्रित करते हुए एक पत्र लिखिए।	पुनरावृत्ति कार्य	लेखन कला का विकास
फरवरी Term -2 Exam 22/02/2027 Hindi syllabus मेधा पुस्तक पाठ 13,14,15,16,17 (पठित गद्यांश/पद्यांश) व्याकरण पुष्प पाठ 11,12,13,14,15,16 ,17,18,19, 20,23,24,25 अपठित गद्यांश चित्र वर्णन अनुच्छेद लेखन पत्र लेखन (अनौपचारिक)	वार्षिक परीक्षा	6 घंटे	पुनरावृत्ति कार्य मौखिक और लिखित अभ्यास			

Name of Incharge Teachers: Mrs. Sushma Ekka, Mrs. Archana Singh

Name of Coordinator: Mrs. Vinita Chilhate

Signature of Principal: _____

CARMEL CONVENT SR SEC SCHOOL, RATANPUR

YEAR PLANNER 2026-27

CLASS - V

SUBJECT- KHEL YOGA

MONT H	NAME OF THE UNIT / CHAPTER AND SUB TOPICS	TIME ALLO TTED	LEARNING OUTCOMES	SUGGESTED ACTIVITIES / ASSESSMENT/P RACTICAL	ART INTEGRATED ACTIVITY	KEY COMPETENCIES
JUNE/ JULY	UNIT-1 BASIC MOTOR MOVEMENT 1: Throwing and Catching. 2: Kicking and receiving. 3: Strike the object 4: Little steps	160 min	1. Basic motor movements are the foundational building blocks for a child's physical, cognitive, and social-emotional growth. 2. Locomotor Skills: Movements that transport the body from one point to another. Examples include walking, running, skipping, hopping, and jumping	Locomotor movements: Practice jumping rope, galloping in circles, and skipping across a field. Balance control: Walk heel-to-toe on a taped floor line or stand on one foot. Object control: Roll a large ball, catch a beanbag, and kick stationary targets.	Movement: Stretches the core, develops shoulder stability, and encourages bilateral reaching. Setup: Tape a massive roll of butcher paper to the floor or an outdoor sidewalk. Action: Children use large paint rollers, spray bottles filled with liquid water colours, or fly swatters dipped in washable paint to create abstract designs.	Bilateral Coordination: Using both sides of the body together, like holding paper with one hand while cutting or tearing with the other. Midline Crossing: Reaching across the Centre of the body to paint or draw on a large canvas, which builds brain hemisphere connectivity. Proprioception & Spatial Awareness: Understanding body boundaries and how much force to apply when pressing, squeezing, or stamping materials. Oculomotor Precision: Coordinating eye movements with hand movements to track lines, thread yarn, or place small items accurately.
JULY/ AUGU ST	UNIT-2 OUR GAMES 5. Local and Traditional Games I. Seven Stone II. Pakdam-pakdai	160 min	1. Physical: Develops eye-hand coordination, targeted throwing	1. Students research a traditional game from their own heritage, present it to the group,	1. transforms traditional games from simple physical exercise into an immersive, cross-curricular project combining history,	1. Rapid shifting of body weight and direction in response to unpredictable movements.

	III. Chain IV. Aankh Micholi V. Bitta Kud VI. Hopscotch VII. Dodge Ball		accuracy, speed, and rapid agility while running to avoid the ball. 2. Cognitive: Enhances tactical planning and quick decision-making under intense pressure (choosing whether to chase a player or rebuild the stone tower). 3. Social: Fosters structured teamwork and cooperative defense strategies.	and teach everyone how to play it. 2. Participants construct their own game pieces using recycled materials, such as making a rag ball for traditional kicking games.	regional crafts, and visual or performing arts. 2. Students paint or sketch complex geometric patterns or folklore scenes directly onto the court boundaries using chalk or washable organic dyes.	2. Precise hand-eye and foot-eye synchronization required to manipulate objects or navigate spatial grids.
AUG/SEP	UNIT-3 YOGA 6. Yoga for daily life 7. Yoga sadhana	160 min	1. Children learn the concept of <i>Ahimsa</i> by showing kindness to peers, animals, birds, and plants. 2. Students apply <i>Yama</i> in daily social environments by sharing toys and using friendly words. 3. Students can perform fun, nature-inspired	1. Daily 10-min yoga routine: Suryabhedana / Ujjayi: Focused pranayama to showcase control over the psychic pathways. 2. yoga story where each pose is part of a story.	Draw yoga poses, label body parts involved. Mandala art for relaxation. Write a diary on “How yoga helps me daily”.	Mindfulness, Flexibility, Self-discipline, Emotional balance.

			introductory asanas such as Vrikshasana (Tree Pose), Bhujangasana (Cobra Pose), and Makarasana (Crocodile Pose).			
SEP/ OCT	Activities 1. Jogging 2. Jumping jacks 3. High knees 4. Mountain pose 5. Standing jump 6. Squats 7. Alternate toe touch. 8. Full body rotation.	160 min	1. Students learn to maintain a steady, rhythmic pace, build cardiovascular endurance, and coordinate opposite arm-and-leg movements. 2. Students master the two-foot takeoff and landing sequence, swing arms for momentum, and absorb impact safely by bending knees upon landing.	1. Look for rhythmic coordination (arms and legs moving together in jumping jacks) and the ability to maintain an upright posture during high knees. 2. Look for smooth, controlled movements without jerking, and the ability to keep knees straight but not locked during toe touches.	1. In pairs, one student poses in a specific movement shape (e.g., holding a squat, a mountain pose, or an alternate toe touch). The partner uses a piece of chalk on the outdoor pavement (or large butcher paper indoors) to trace their shadow or the outline of their body. 2. Students switch roles. Afterward, they use colored chalk/crayons to fill in the "energy lines" inside their outlines, using arrows to show how their muscles or joints stretch and bend.	1. Mastering the mechanics of traveling movements, specifically balancing weight during a steady jog and coordinating the takeoff and landing phases of a standing jump. 2. Developing core control, static balance, and alignment during stationary movements like the mountain pose and deep squats.

Name of Incharge Teachers: - Umesh Lakhere, Ashok Vishwakarma, Anamika singh

Signature of Coordinator: _____

Signature of Principal: _____

CARMEL CONVENT SR SEC SCHOOL, RATANPUR

YEAR PLANNER 2026-27,

CLASS - V
MATHEMATICS

SUBJECT-

MONTH	NAME OF THE UNIT / CHAPTER AND SUB TOPICS	TIME ALLOTTED	LEARNING OUTCOMES	SUGGESTED ACTIVITIES / ASSESSMENT/PRACTICAL	ART INTEGRATED ACTIVITY	KEY COMPETENCIES
APRIL	Chapter- 1 Large numbers C.T.W-1 Chapter-2 Addition and Subtraction C.T.W-4	9 10	#Reading and writing Large numbers. Understand and recall the place value till crores, Write numerals in expanded and short form #Comparison of the numbers, # Reading and writing International place value system #Addition and Subtraction without and with regrouping #Properties of Addition and Subtraction. Combined Operations of Addition and Subtraction	Form 2 groups Assign a body movements to each place value. For example ones- clap your hands, Tens h stamp your foot, Hundreds - take a step towards left, Thousands – take a step towards right, Te thousands – jump. One group gives a number to one member of the group. Now that member must ask his \her group to guess the number based on his body movements. If his group identifies and tell the number, then that group scores a point Divide the students in two groups. Two students from a group will come and hold the ginmala(counting beads in a thread) teacher will ask the students to add or subtract some numbers with the help of ginmala. If child did it correctly, that group will get the points	Find and write the total number of e-vehicles and petrol vehicles in India . Express the number in words using the Indian and International numeration system. Analyse the environmental effects of these vehicles and discuss whether more e-vehicles should be used instead of petrol vehicles. Make a football using	Number recognition and extension logical reasoning and analytical thinking, collaborative learning Roman number recognition Mental arithmetic and estimation strategic computational thinking

					cardboard and write roman numerals with Hindu-Arabic numerals on it	
JUNE	Chapter-3 Multiplication and Division C.T.W-9 Chapter-14 Time	10 10	#Multiplication, Properties of Multiplication, #Division, Properties of division #Simplification of Numerical Expressions #The 24 hour clock, Converting 12-hour to 24 -hour clock Time Converting 24-hour to 12-hour clock Time #Adding and Subtracting time and time	Divide the students in two groups. Two students from a group will come and hold the ginnala(counting beads in a thread) teacher will ask the students to add or subtract some numbers with the help of ginnala. If child did it correctly, that group will get the points		Using manipulative to visualize mathematical concepts Engaging students in real world applications and problem solving. Ability to perform calculations accurately and efficiently
JULY	Chapter-4 Factors and Multiples C.T.W-6 Chapter-7 Length C.T.W-5 PT- 1 SYLLAB	12 10	#Factors and Multiples Properties of Factors and Multiple #Divisibility Rules #Prime factorization # HCF and LCM, Properties of HCF AND LCM #Different units but	Ask the students to buy some stationary items ,then make a bill for those items. Measure the length of your hand , arm , thumb , index finger and more . Make a table and record the observation.		Problem-solving ability to approach problems in logical methodical way Developing strategies to solve problems and evaluate solutions Ability to

	US CHAPT ER- 1&2		same measure Conversion of different units of length #Basic operations on Length, Mass			analyze information, evaluate evidence and make informed decisions.
AUGUST	Chapter-8 Weight and capacity C.T.W-8 Chapter-5 Fractions C.T.W-2	10 12	# Conversions #Basic operations on Mass(Weight ,and Capacity #Fractions, Types of Fractions, Fractions in the simplest form, Comparing and Ordering Fractions Fundamental operations on Fractions	Make some flash card of mixed fractions and their improper fractions. Distribute The cards to all the students . Now ask them to find the correct pair of improper and mixed fractions. Ask the children to write the birthdays of their 10 friends according to the increase order of dates.	Make fraction tree using different types of fractions	Developing skills in measurement. Adapting to new situations and challenges Developing critical thinking skills to apply mathematical knowledge.
SEPTEMBER	TERM-1 SYLLAB US CHAPTE R- 1,2,3,4,7,8 &14 TABLES 2 TO 20		Revision for Term-1			
OCTOBER	Chapter-6	12	#Decimal fractions, Expanded form of	Distribute 10x10 square grids paper to the students. Ask them to write each letter of their	Make a paper fan (page 139)	Ability to develop and justify

			Block printing A beautiful Art of Rajasthan			
JANUARY	Chapter-13 Maps and locations Chapter-14 Data Handling	12 12	Finding Our way, Reading a map, Giving direction to move between position on the grid. Locating places on a grid Pictograph Bar Graphs	Visit a public library and find out how many books were checked out in different months . Collect the data and tabulate them. Draw a bar graph using suitable scale for this data.	To make Model of bar graph by using paper Cutting method	Ability to develop and justify mathematical arguments Using logical reasoning to arrive at conclusions
FEBRUARY	REVISION TERM -2 CHAPTER- 4,5, 6, 9, 10,11, 12, &15 TABLES 2 TO20					

Name of Incharge Teachers: Saritha V, Mary Joseph, Mamta Thakur

Signature of Coordinator: _____

Signature of Principal: _____

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CARMEL CONVENT SR SEC SCHOOL, RATANPUR
YEAR PLANNER 2026-27 , CLASS -5

SUBJECT-SCIENCE

MONTH	NAME OF THE UNIT / CHAPTER AND SUB TOPICS	TIME ALLOTTED	LEARNING OUTCOMES	SUGGESTED ACTIVITIES / ASSESSMENT/PRACTICAL	ART INTEGRATED ACTIVITY	KEY COMPETENCIES
APRIL	<u>Ls-1 GROWING PLANTS</u> Reproduction in plants. Structure of seeds. Germination Seed dispersal Crops and agricultural practices	6hrs	Students will learn about the way of reproduction in plants as through seeds, plant body parts, spores. They will understand the structure of seed, germination of seed (various step of turning seed into sapling) and the suitable condition required for seed to germinate. They will learn about the various ways of seed dispersal. They will be able to define crops and can distinguish between rabi, kharif and zaid crops	. Draw a well labelled diagram of seed showing baby plant, seed coat, cotyledon on A-4 size sheet	To make a chart showing the various steps involve in the germination of seeds in a creative way.	Based on their understanding, they will be able to explain the various modes of reproduction in plants. They will be able to conduct simple experiments to investigate plant growth and development. Students will develop the sense of responsibility for caring plants.
	Ls-2 ANIMAL KINGDOM Animal habitat	6 hrs	Students will be able to understand the basic characteristics of	To create a collage showing: (Forest, Desert,	To make masks of animals using paper. (Present one	Students will be able to investigate scientifically

	Body coverings of animals. Feeding habits Breathing organ Movements in animals Migration		animals based on their habitat. They will learn about the different types of body covering in animals as scales, shell, fur, cuticle, feathers. They will be able to differentiate between herbivores, carnivores, scavengers and parasites based on their feeding habits. They will be able to identify the various breathing organs found in different animals. They will learn about the various methods to move efficiently accordingly in the environment they live. They will be able to understand about migratory birds and the factors responsible for the migration.	Water habitat). Include animals suitable to each habitat To create a collage showing the breathing organs and types of movement in different animals	fact about their animal.) To create a diorama of specific animal habitat as forest, dessert, ocean	about the basic classification of animal and describe their characteristics based on their habitat, eating habits, breathing organs, movements and apply this knowledge to everyday situation enhancing critical thinking and problem-solving abilities
JUNE	<u>LS-4 THE SKELETAL SYSTEM</u>	5 hrs	Students will understand the basic structure and function of the skeletal	To make a flow chart, showing the different types of joints,	.	Understanding the structure and function of skeletal system and

	The skull Ribcage Limbs Girdles Joints and its type Types of muscles. Physical exercise and proper posture		system including the role of bones, joints, cartilage. They will learn about the types of joints, muscles and its importance in carrying out various movements. They will also understand the role of physical exercise and proper body posture	their function, list which joint they use in performing various activities in daily life and the place where they are in the body.	help of various parts provided.	recognising its importance in supporting movements, protecting organs and producing blood cells They will be able to show their creative skill in designing model of skeleton system
JULY	<u>Ls-7</u> <u>STATES OF MATTER</u> Solubility of substances in water (solid, liquid, gas) Change in state of matter Physical and chemical changes. Expansion and contraction	5 hrs.	Students will be able to identify the three states of matter (solid, liquid, gas) and understand the basic properties of each state. They will be able to explain how the changes in state of matter takes place (melting, freezing, evaporation, condensation.) They will be able to differentiate between physical and chemical changes, expansion and contraction	Make a chart showing the arrangement of molecules in solids, liquids, gases with examples. Draw the diagram showing changes in state of matter from solid to liquid, liquid to gas and vice-versa in a creative way.	Make a wall-hanging the characteristics of physical and chemical changes with examples	Students will use their scientific skill to identify and classify different states of matter in everyday life. They will critically analyze the properties and evaluate between physical and chemical changes through examples from daily life.

	Ls-8 AIR AND WATER Air and atmosphere Layers of atmosphere Composition, properties and uses of air. Methods to remove soluble and insoluble impurities Purification of water	5 hrs.	Students will learn about the importance of air and water for existence of life, the role of different layers of atmosphere Identify the basic composition of air (nitrogen, oxygen, carbon dioxide, inert gases and along with their uses) They will be able to describe the various properties of air as invisible, weight, exert pressure, occupies space. Identify the different sources of water. They will learn about the soluble and insoluble impurities and various methods to remove these impurities (sedimentation, decantation, filtration, evaporation, distillation.) They will learn the ways to purify the drinking water.	To make a chart showing the different layers of atmosphere in a creative way Demonstrate through activity that air occupies space and air has weight. Perform an activity showing any two methods to separate the insoluble impurities.	Create a poster highlighting the importance of air and water for human survival with suitable slogan.	Students will be able to describe the composition of air and its significance. They will be able to correlate the various ways of removing soluble and insoluble impurities from the daily life situations
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	<u>Ls-10 FORCE AND ENERGY</u> <u>Effects and types of force</u> <u>Work, Energy and its forms</u> <u>PT-1 (Ls-1,2)</u>	6 hrs	Students will be able to identify different types of forces (push, pull, muscular force, gravitational force.) They will be able to understand about the forms of energy as kinetic energy mechanical energy, heat energy, solar energy and will be able to distinguish between renewable and non-renewable form of energy.	Make a pictorial presentation showing the effects of force by changing the speed, stopping the motion, changing the direction and changing shapes or size. Display the various types of forces with two examples from each.	Create a model of a windmill or moving toy. Write down the steps to explain how it works and its benefit.	Using their scientific skills students will be able to identify and describe about the force acting on an object in different situations They will be able to apply their knowledge to real life situations as the working of bicycle by enhancing their critical thinking and problem-solving s
AUGUST	<u>Ls-11 SIMPLE MACHINES</u> Lever Pulley Wheel and axle Inclined plane Screw Wedges	6 hrs	Students will be able to define simple machines and able to identify its types as lever, pulley, wheel and axle, inclined plane, screw, wedge and how they make the work easier and more efficient.	Make a chart showing the different types of simple machines used in our daily life. Observe your bicycle and find out how many kinds of simple machine it has.	Make a pulley using empty plastic can and thread.	Students will apply their knowledge to design and create simple machines as designing to lift heavy objects and will be able to identify and solve problem, by enhancing their scientific and critical thinking skills.
SEPTEMBER	<u>HALF YEARLY EXAM (Ls-4,7,8,10,11)</u>					
OCTOBER	<u>Ls-3 FOOD AND HEALTH</u>	5 hrs	Student will identify the different types of	Make a chart listing the food which you take	Make a presentation showing the various	Students will be able to understand the

	The composition of food The importance of health. The types and prevention of diseases.		food and name the important nutrients present in food as proteins, carbohydrates, fats, vitamins, minerals. They will understand how the intake of balance diet, regular exercise, maintaining hygiene, proper rest and sleep are important to remain healthy. They will know about the various ways of transmission, prevention method of the spreading of communicable diseases and will understand the cause and prevention of non-communicable diseases.	daily and categorize according to which nutrient group they belong Make a list of various healthy and unhealthy eating habits and explain the effect of deficiency diseases on the body	causes and prevention of communicable and non-communicable diseases.	importance of nutrition and the concept of balanced diet.
	<u>Ls-5</u> <u>THE CIRCULATORY SYSTEM</u> The organs of circulatory system.	6 hrs	Students will be able to describe the main parts of the circulatory system including heart, blood and blood vessels. (role of heart in pumping the blood throughout the body)	To create a flow chart or diagram showing the pathway of blood circulation throughout the body. To record observation of	To make a model of heart using clay, paper or other materials.	Using scientific skill, they will be able to understand how the blood circulates through the body including the role of the heart and blood vessels. By critically thinking and

	Blood and its components Blood circulation Common disorder related to the circulatory system		Will know the basic function of the blood Will be able to explain circulation of blood in the simple way They will learn about the common disorders related to the circulatory system and the various steps to keep the circulatory system healthy.	pulse rate before and after exercise		problem-solving skill they will be relating circulatory system to overall health and well-being and analyse the impact of lifestyle choices.
NOVEMBER	<u>Ls-6</u> <u>THE NERVOUS SYSTEM</u> The brain and its part Spinal cord (reflex action) Nerves (motor, sensory and mixed nerves) Sense organs (eyes, ears, nose, tongue, skin) Taking care of sense organ	6 hrs	Students will understand the role of nervous system in controlling and coordinating body functions. They will learn about the role of the different parts of the brain in processing information, controlling movements, thoughts and emotions. They will be able to explain how body response to different stimuli,	Create a chart showing the various sense organs and its function. Label the structure of human eye describing each part function in one line.	Make a model of the brain using clay and label them properly.	Students will be able to analyse how the nervous system helps the body to respond to different stimuli as light, sound or touch. Students will understand the importance of taking care of their nervous system as getting enough sleep, eating balanced diet, and protecting their head and

	<u>Ls-9</u> <u>ROCKS AND MINERALS</u> Types of rocks and its uses Minerals and its uses (coal & petroleum) Conservation of fossil fuels PT-II (Ls-3,5)	5hrs	understand the simple reflex-action, and role of various sense organs to connect our body to outside world. Students will be able to identify, describe and classify different types of rocks as igneous, sedimentary and metamorphic rocks based in their properties. They will learn about the minerals, their uses, types. How the coal and petroleum is obtained and the ways to conserve fossil fuels	Make a collection of rocks and classify according to their types and observe their physical properties as colour, texture, hardness based on scratch test, weight.	Paste the picture of various monuments made from the rocks, identify the rock used in building the monument.	brain from injury by enhancing their critical thinking and problem-solving skills. Students will apply their knowledge of rocks and their properties to real- world scenarios as selecting building materials or understanding natural hazards
DECEMBER	<u>Ls-13</u> <u>NATURAL DISASTER</u> Causes, effect and prevention measure of Earthquakes, Volcanoes, Tidal waves and tsunamis, Flood and cyclone, Drought.	5 hrs.	Students will be able to define and explain different types of natural disaster as earthquakes, tsunami, volcanic eruption, floods and drought. Students will understand the causes and effects on environment and human population, and	To make a collage showing the effects of various natural disasters on environment and human population.	Design a brochure about the safety measures for different natural disasters, as evacuation route and emergency contact number.	Students will think critically about the ways to reduce their impact and would develop solution to respond and prepare for natural disasters.

	<u>Ls-14</u> <u>THE MOON</u> The moon and its surface. Atmospheric condition of the moon. Phases of moon Eclipse (solar & lunar) Artificial satellite	5 hrs	will learn about the preparedness and safety measures during various disasters. Students will be able recognize the different phases of moon, the atmospheric condition of the Moon. They will learn about the eclipse, its type. They will understand the role of artificial satellite in providing the valuable information.	To observe and record the changes in the shape of the moon over days.	To make a model showing solar and lunar eclipse.	Students will be able to think critically about the effect of the Moon's orbit on our planet as tides and eclipses and will develop problem solving skills by exploring the Moon's phases and orbit.
JANUARY	<u>Ls-15</u> <u>LIGHT AND SHADOW</u> Source of light Transparent, translucent, opaque objects Shadow formation	5 hrs	Students will be able to identify and describe different sources of light (natural and artificial). They will learn about the rectilinear propagation of light and its ability to pass through transparent, translucent, and opaque objects. They will understand about the formation of	To perform an activity to prove that light travels in straight line. To observe how the size and shape of shadows changes with the distance between the light source and the object	To investigate how the shadows are formed when the light passes through transparent, translucent, opaque objects.	Student will be able to design and conduct experiments to investigate the properties of light and shadow and would apply scientific concept related to light and shadow to real-world situation.

	<u>Ls-12</u> <u>OUR</u> <u>ENVIRONMEN</u> <u>T</u> <u>(PROJECT)</u>		shadows in relation to the position of light source and the objects. Students will understand how human activities impact the environment and leads to degradation through several types of pollution	Make a report on Unnecessary honking is a true menace on the road. Effect of loud speaker and music on human health. (picture can be pasted in both the above-mentioned activity)	Make a collage on types of pollution	They will critically think about the environmental problems and its impact on humans and wildlife. They will express their creativity through their projects and will develop innovative solution to the problem.
FEBRUARY	FINAL EXAM (Ls-6,9,13,14,15)					

Name of Incharge Teachers: _
Mrs. Zeenat Arif, Mrs. Divya Rajesh, Mrs. Jancy

Signature of Coordinator: _____

Signature of Principal: _____

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