

ST. FRANCIS CONVENT CO-ED SCHOOL PATEL NAGAR BHOPAL

Class : V

Subject : Science

Topics	Learning Outcomes	Assessment Tools	Teaching Learning Strategies/ Activities	Resources	Inter-disciplinary/ Multi-disciplinary	Art Integration or Sports Integration
<u>Chapter 1</u>						
Reproduction in plant.	Explain the process of pollination in flowers.	Notebook	Activity corner.	Sample of Note book	Learning skill	Fun Activity for practice
			Hots Question			
No. of periods: 5-6						
Month: - April						
<u>Chapter 2</u>						
Animal in their surrounding	Through this, student will be able to understand that how animal survive in their environment or habitat	Notebook	Activity corner.	Sample of note book	Identifying skill	Fun Activity for practice
					Learning skill	
			(Q&A)			
No. of periods-2-3						
Month: -June						
Chapter 3						
Human skeletal and muscular system	Student will gain the knowledge about the structure, function, and types of bones and joints in the body	Oral Q&A, quizzes,	Visual Aids		Identifying skill	Drawing a human skeleton with labelled bones using colored pencils

		Written test (MCQs, short answers), labelling diagrams	Activity-Based Learning	NCERT Class 5 EVS/Science Textbook	Learning skill	
			Interactive Worksheets	ouTube videos on skeletal and muscular system		
				Smartboard		
No. of periods-3-4						
Month-July						
<u>Chapter 4</u>						
The Nervous system	Student will learn about the brain, spinal cord, and nerves and how they send messages to control everything from basic function like breathing and heartbeat to complex.	Quizzes, flashcards	Visual Learning	NCERT/SCERT Class 5 Science Textbook	Learning skill	Draw and label parts of the brain
		labeling diagrams	Observation	3D Model of Brain or Nervous System		Observe and record how fast they react during a catching game
		Demonstration of reflex action				
No. of period:3-4						
Month-July						
<u>Chapter -5</u>	Students learn about different types of food, their nutrients, and how these nutrients affect our health.	Oral questioning and discussions	Food Chart Making:	Textbook	Identifying skill	Drawing a food pyramid or balanced meal plate.

		Diagram labeling	Classroom Demonstration:	Videos on balanced diet and health	Learning skill	
Food and Health			Visual Learning	Digital content		
No. of periods:3-4						
Month-Aug						
<u>Chapter -6</u>						
Safety and First Aid	students will learn about essential safety rules to prevent accidents at home, school, and on the road, as well as basic first aid techniques for common injuries like cuts, burns, and bites.	Worksheets on safety symbols and first aid	Video Demonstrations	NCERT/Prescribed Textbook	Learning skill	Prepare a basic First Aid Box in class
		First Aid kit preparation	Safety Drill: Simulated emergency evacuation drill	Videos on first aid and safety		
No. of periods:3-4						
Month-Aug						
<u>Chapter -7</u>						
Earth, sun and Moon	The Earth, Sun, and Moon will help students understand the basic components of our solar system and how they interact	Quiz on phases of the moon, solar system, and day/night	Video Demonstrations	NCERT/Prescribed textb	Identifying skill	Drawing the phases of the moon.

		Worksheets		Videos and animations showing Earth's movement, moon phases	Learning skill	Creating a wall display of the solar system.
		Group discussions and oral questioning				
No. of periods:3-4						
Month-Sep						
<u>Chapter -8</u>						
Air and Water	Focusing on air and water students will learn about their importance for life, their properties, and how they are essential for various natural processes.	Worksheets	Video Demonstrations	Videos on air pressure, water cycle, pollution	Identifying skill	Drawing and labeling: Water Cycle Diagram
		Diagram-based questions (Water cycle, purification process)	Experiments	textbook	Learning skill	
No. of periods:3-4						
Month-Sep						
<u>Chapter -9</u>						
Natural calamities or Disasters	Studying natural calamities or disasters, students can learn about various types of natural disasters, their causes, effects, and how to prepare for them.	Oral Q&A	Vedio demonstration	NCERT/State Textbook	Learning skill	Create posters on "Disaster Preparedness", "Safety Tips"
		Worksheet completion	mock drill	YouTube videos on natural disasters	Critical thinking	

No. of periods:5-6						
Month-Oct						
<u>Chapter -10</u>						
Changes in our environment	Learning about changes in our environment helps students understand how human actions impact the natural world and how to protect it	Oral questioning and discussion	Observe visible environmental changes	Text book	observation skill	Making eco-friendly models using waste material
		Group activity participation	Understand impact of pollution, construction, deforestation	smart class	Learning skill	
No. of periods:3-4						
Month-Nov						
<u>Chapter -11</u>						
Rock and Mineral	studying rocks and minerals will learn about the basic building blocks of the Earth's crust. They will learn to identify different types of rocks and minerals.	Oral questioning and peer discussion	Video Clips	NCERT books	Learning skill	Clay modelling to show layers of the Earth or rock types
		Worksheets	To understand texture, hardness, and appearance of rocks	Videos on rock formation	observation skill	
No. of periods:3-4						
Month-Nov						

<u>Chapter -12</u>						
Soil Erosion and Conservation	They will understand that soil is the uppermost layer of the earth's surface and is essential for plant growth and supporting life.	Peer discussion and quiz	Video / Animation	Science activity	Learning skill	Poster making: "Save Soil – Save Life"
		Worksheet	Demonstration	Text book	observation skill	
				YouTube videos		
No. of periods:3-4						
Month-Dec						
<u>Chapter -13</u>						
States of Matter	In states of matter lesson, students will learn that matter exists in three common states: solid, liquid, and gas.	Worksheets	Hands-on Demonstration	Science activity kit	Identifying skill	Activity corner
		Activity-based assessment	Virtual labs	Text book	Learning skill	Life skill
No. of periods:3-4						
Month-Jan						
<u>Chapter -14</u>						

Force, Energy and Simple machine	Students learning about Force, Energy, and Simple Machines will develop an understanding of the fundamental concepts of how things move and interact	Notebook	Hot questions	Sample of notebooks	Learning skill	Activity corner
		Practical-based questions (identify tool use)	Question and Answer	smart class	observation skill	Make 3D models of levers/pulleys using craft materials
		3D diagram				
Periods:4-5						
Month- Jan						
Class : V						
Subject : Social Studies						
Topics	Learning Outcomes	Assessment Tools	Teaching Learning Strategies/ Activities	Resources	Inter-disciplinary/ Multi-disciplinary	Art Integration or Sports Integration
1. The Globe	students will be able to understand	* oral questioning	* explanation	* textbook	* maths - the line of latitudes and longitudes and time	* make a model of the globe
	* about the features of the globe	* quiz	* demonstration	* model of a globe	* science - the degrees to study the line of the earth	
Sub topics: Earths surface , globe, line on the globe	* lines of latitude and longitudes					
No. of Periods: 2 to 3	* the earths grid					

Month: April	* the time zone and difference between them					
2. Maps : Our Guide	students will be able to understand	* oral questioning	* explanation	* audio an visual	* maths - to study direction	* pasting of the types of maps
	* the meaning of map	* quiz	* demonstration	* model of the types of map	*	* drawing of different signs and symbols in a paper
Sub topics: maps , types of maps , directions	* also the different types of maps					
No. of Periods: 2 to 3	* identify the signs and symbols					
Month: April	* Major geographical features					
	* the direction used on the map					
3. Climate	students will be able to understand	* Quiz	* explanation	* audio and visual	* science	* drawing of the climatic zones on a big chart sheet
	* the difference between weather and climate	* oral assessment	* demonstration	* peer assessment sheet	* geography	
Sub topics: climate, weather and the climatic zones	* the diferent factors determing the climate					
No. of Periods: 2 to 3	* the climatic zones and their division- the torrid zone, temperate zone and frigid zone					
Month: April						

4. The Tropical wet Forest	students will be able to understand	* Test	* explanation	* audio and visual	* science	comparation table of lifestyle between the people of congo and other country
	* The meaning of equatorial region	* quiz	* demonstration	* peer assessment sheet	* economics	
Sub topics: climate, weather and the climatic zones	* the location of Congo	*				
No. of Periods: 2 to 3	* its climate , vegetation , rivers and the different landforms					
Month: June	* about the economic resources , the lifestyle of people, mineral wealth					
5. The Tropical Dessert	students will be able to understand	* written test	* explanation	* audio and visual	* science	making a flow chart
	* the location of the dessert	* quiz	* demonstration	* peer assessment sheet	* economics	
Sub topics: climate, weather and the climatic zones	* its climate , vegetation , rivers and the different landforms					
No. of Periods: 2 to 3	* about the economic resources , the lifestyle of people, mineral wealth					
Month: June						
6. The Temperate Grassland	students will be able to understand	* oral questioning	* explanation	* audio and visual	* science	making a flow chart

	* the meaning of grassland and their names in different countries					
Sub topics: prairies, grassland	* prairies grassland in North America		* demonstration	* peer assessment sheet	* economics	
No. of Periods: 2 to 3	* its climate , vegetation , wildlife and their agricultural activities					
Month: June	* about the economic resources , the lifestyle of people, mineral wealth					
7. The Tundra Region	students will be able to understand	* oral questioning	* explanation	* audio and visual	* science	making a flow chart
	* the tundra region i.e the polar regions of the climatic zones					
Sub topics: tundra region, greenland physical features	* discovery of greenland and location		* demonstration	* peer assessment sheet	* economics	
No. of Periods: 2 to 3	* its climate , vegetation , and the physical features					
Month: June	* about the economic resources , the lifestyle of people, mineral wealth					
8. The World of Growing Knowledge	students will be able to understand	* oral questioning	* explanation	* audio and visual	* maths - roman numbers and number story	* vegetable printing and paper making

	* the story of writing and its evolution	* think-pair - share		* textbook	* history- evolution of paper and printing	
Sub topics: paper, printing story of writing , number story	* discovery of paper and	* classroom discussion	* demonstration			
No. of Periods: 2 to 3	* the story of numbers					
Month: June	* braille script					
	* literacy and its progress					
9. The Age of Machines	students will be able to understand	* think-pair - share	* explanation	* textbook	* science - sources of energy	* flow chart of the different sources of energy
	* the early man and their	* classroom discussion			*	* write about the different invention
Sub topics: stone age , steam engine , industrial revolution	* tools of stones and bones		* demonstration			
No. of Periods: 2 to 3	* the invention of the steam engine					
Month: June	* the industrial revolution					
	* the sources of energy					
	* the uses of modern machine					
10. Living Longer and Healthier	students will be able to understand	* classroom discussion	* explanation	* use of different medical objects	* science - different diseases and their treatments	stick pictures of the mentioned medical equipments
	* about the different medical instruments- stethoscope, thermometer, microscope, x-rays				* science - different medical equipments	
Sub topics: stone age , steam engine , industrial revolution	* the modern treatment		* demonstration			
No. of Periods: 2 to 3						
Month: June						

11. Great People live Forever	students will be able to understand	* quiz	* explanation	* visual aids	* history- great leaders	* write and stick pictures of great leaders
	* about the great noble and great leaders	* think-pair - share				
Sub topics: great leaders	* Socrates					
No. of Periods: 2 to 3	* Abraham Lincoln					
Month: June	* Karl Marx					
	* Mahatma Gandhi					
	* Mother Teresa					
	* Martin Luther King					
12. Conquering Distances	students will be able to understand	* oral questioning	* explanation	* use of flash cards and models	* history - invention of wheel	* on the outline map of india mark the railways lines and road lines
	* the invention of wheel and its evolution	* peer assessment				
Sub topics: great leaders	* types of transport		* demonstration			
No. of Periods: 2 to 3	* problems of increasing population leading to traffic and pollution					
Month: June						
13. Keeping in touch	students will be able to understand	* oral questioning	* explanation	audio and visual	* history - invention of wheel	* make a list of the means of mass communication
Sub topics: postal system, mass communication	* meaning of communication		* demonstration			

No. of Periods: 2 to 3	* what is postal system?					
Month: June	* the different means of mass communication					
14. The Revolt of 1857	students will be able to understand	*oral questioning	* explanation	audio and visual	* history - the different movements that helped india's freedom	*make a picture chart on any of the great persons of india
Sub topics: revolts and independence	* the reason of the revolt		* demonstration			
No. of Periods: 2 to 3	* Battle of Plassey					
Month: June	* indians being suppressed					
	* Revolt of 1857					
15. The Social Reformers	students will be able to understand	* quiz	* explanation	* Audio and visual	* history	* group presentation discussing the great personalities
Sub topics: great leaders	about the famous persons	*oral questioning		* posters		
No. of Periods: 2 to 3	* Sushruta and Charaka	* role play	* demonstration			
Month: June	* Kalidas					
	* Rabindranath Tagore					
	Swami Dayanand Saraswati					
	* Raja Ram Mohanroy					

16. The Struggle for Independence	students will be able to understand		* explanation			* group presentation discussing the great personalities
Sub topics: Reformers, moderates and extremists	* role played by social re	* quiz		* Audio and visual	* history	
No. of Periods: 2 to 3	* indian National Congr	*oral questioning		* posters		
Month: June	* role play					
	* moderates and Extremists					
	* the partition of Bengal					
	* The Swadeshi movement					
	* the growth of Revolutionaries					
17. India Wins Freedom	students will be able to understand		* explanation			* on the map mark the places where all these masacres took place
	* group presentations			* Audio and visual	* history	
	* * Rowlatt Act 1919	*oral questioning		* posters		
Sub topics: massacres and India Independence	* Jallianwala Bagh Massacre					
No. of Periods: 4	* The Simon Comission					
Month: June	* Civil Disobedience Movement					
	* Quit India Movement					
	* Indian National Army					
18. The Birth of United Nation	students will be able to understand		* explanation			* making of a flow chart for UN
Sub topics: United Nations	* group presentations			* Audio and visual	* Civics	
	* World War I AND II	*oral questioning				
No. of Periods: 4	* Formation , Principles, Aims of the UN					
Month: June	* Mains Organs of the UN					
	* Agencies of the United Nations					

19. India and the United Nations	students will be able to understand	*oral questioning	* explanation	* Audio and visual	* Civics	* Write about the first woman president of the UN General Assembly
Sub topics: United Nations	* India in the United Nations					
No. of Periods: 3	* Indias Contribution for UN					
Month: June	* Non - Aligned Movement (NAM)					
	* Objectives of NAM					
Class : V						
Subject : G.K						
Unit 1 About Myself	students will be able to understand	oral discussion	discussion	* Audio and visual	science	paste pictures of different body parts
Sub topics:our organ system, body facts , some Body ailments	* about the body parts, their function and some unknown fact.	crossword	interactive			
No. of Periods: 3						
Month: April						
Unit 2 Plants	students will be able to understand	oral discussion	discussion	textbook	science	paste pictures of medicinal plants and write about their medicinal properties
Sub topics: homes of plants, yummy fruits, the world of trees, spices, plant quiz, medicinal pants, Size matters	* about the plants, fruits their medcinal properties, and their sizes-herbs shurbs	crossword	interactive	visual aid	evs	
No. of Periods: 5						

Month: june						
Unit 3 Animals and Birds	students will be able to understand	oral discussion	discussion	textbook	science	write about the extinct species
		crossword	interactive	visual aid	evs	
Sub topics: Insects, endangered animals, adaptation in animals, we are intelligent, te wondersome animals, look- alike animlas, symbolic birds	* about the insects, the species, intelligent animals, their adaptation, and birds					
No. of Periods: 5						
Month: july						
Unit 4 Life Skill and Values	students will be able to understand	oral discussion	discussion	textbook	science	make a table for the healthy and unhealthy foods
Sub topics: Occupations, Healthy and Unhealthy	* the different occupation people do, and healthy and unhealthy food	crossword	interactive	visual aid	evs	
No. of Periods: 3						
Month: August						
Unit 5 Language and Literature	students will be able to understand	oral discussion	discussion	textbook	science	
		crossword	interactive	visual aid	evs	
Sub topics: proverbs, phobias, quotable quotes, research , animal proverbs	* about the fears , texts related to proverbs and quotes					
No. of Periods: 3						

Month: August						
Unit 6 Our India	students will be able to understand	oral discussion	discussion	textbook	science	
Sub topics: sobriquets of india, power stations in india, indian entrepreneurs, national heroes, indian nobel laureates, famous temples	* about entrepreneurs, nobel persons, national heroes, and also about temples	crossword	interactive	visual aid	evs	
No. of Periods: 5 to 6						
Month: September						
Unit 7 Around the World	students will be able to understand	oral discussion	discussion	textbook	science	
Sub topics: Famous landmarks first in the worlds , parks, parliaments of the world, strange and weird, they made a difference, g.k quiz	* about the places, landmarks, parks	crossword	interactive	visual aid	evs	
No. of Periods: 5 to 6						
Month: October						
Unit 8 Science and Technology	students will be able to understand	oral discussion	discussion	textbook	computer	
Sub topics: Earthlings in the space, we are the specialists, branches of science, inventions and inventors, computer puzzle	* about the technology	crossword	interactive	visual aid	science	

No. of Periods: 5 to 6						
Month: November						
Unit 9 Sports and Entertainment	students will be able to understand	oral discussion	discussion	textbook		
Sub topics: Sports stadium, cricket quiz, get the feel tapping, champions all, sports crossword	about different sports and their benefits,facts , and rules for the different games	crossword	interactive	visual aid	sports	
No. of Periods: 5 to 6						
Month: December						
Unit 10 Mixed Bag	students will be able to understand	oral discussion	discussion	textbook		
Sub topics: Sudoku puzzle, yoga time multiple choice test	* brain storming exercises, body stretching	crossword	interactive	visual aid	sports	
No. of Periods: 5 to 6						
Month: January						
Class : V						
Subject : MATHS						
Topics	Learning Outcomes	Assessment Tools	Teaching Learning Strategies / Activities	Resources	Inter-disciplinary / Multi-disciplinary	Art Integration / Sports Integration

Chapter 1 - The Fish Tale Month :April	Develop understanding of numbers in daily life through contextual problems.	Oral questioning, worksheets, class tests, peer assessment, project work	Real-life problem solving, group discussions, role play (market situations), worksheets	Textbook, worksheets, real-life objects (price tags, bills)	Links with EVS (markets, fishery), Economics (trade), Geography (coastal life)	Drawing fish, role play as vendors, making charts
Chapter 5 - Does it look the same ? Month : April	Identify symmetrical figures and understand reflectional symmetry.	Worksheets, class tests, drawing activities	Use of mirrors, paper folding, group work	Mirrors, chart papers, NCERT textbook	Links with Art (designs, rangoli), Science (butterfly wings)	Rangoli, paper cutting, origami
Chapter 3 - How many Squares? Month : June	Enhance spatial understanding by counting and visualizing shapes.	Worksheets, puzzles, group assessment	Puzzle solving, grid-based activities, peer learning	Graph paper, puzzles, textbook	Links with Art (design patterns), ICT (grid games)	Drawing patterns, creating floor designs
Chapter 6 - Be My Multiple , I'll be your Factor Month :	Understand factors and multiples, develop number sense.	Worksheets, quizzes, games	Number games, factor trees, group competitions	Flash cards, charts, textbook	Links with Music (rhythms), Science (chemical combinations)	Multiples in drum beats, hopscotch
Chapter 13 - Ways to Multiply and Divide Month :	Apply multiplication and division strategies for problem solving.	Class tests, problem-solving worksheets	Short tricks, peer learning, role play as shopkeepers/customers	Textbook, abacus, online tools	Links with Economics (money), Sports (scoreboards)	Sports scoring, group competitions

Chapter 7 - Can you see the pattern ? Month :	Identify, extend and create patterns in numbers and shapes.	Worksheets, quizzes, project work	Create sequences, tessellation, number riddles	Graph paper, charts, digital tools	Links with Art (tessellation), Music (rhythmic patterns)	Pattern drawings, rangoli
Chapter 8 - Mapping Your Way ? Month :	Read, draw and interpret maps, directions and scales.	Map-reading test, worksheets, oral questioning	Map drawing, treasure hunt activity, group projects	Atlas, maps, compass, textbook	Links with Geography (maps, directions), EVS	Treasure hunt, floor mapping
Chapter 9 - Boxes and Sketches Month :	Visualize 3D objects from different views and sketches.	Worksheets, model drawing	Hands-on with 3D objects, sketching activities	3D models, nets, cardboard	Links with Science (models), Art (drawing)	Model making, origami boxes
Chapter 10 - Tenths and Hundredths Month :	Understand decimals, tenths and hundredths in place value.	Worksheets, quizzes, class tests	Place value games, money-based activities	Decimal grid, currency notes, textbook	Links with Economics (money), Science (measurement)	Decimal art (grids, designs)
Chapter 4 - Parts and Wholes Month : Oct	Recognize symmetrical figures and draw lines of symmetry.	Worksheets, practical activities, peer assessment	Paper folding, mirror symmetry activities	Mirrors, papers, NCERT textbook	Links with Science (body parts), Art (rangoli, kolam)	Rangoli, symmetrical designs
Chapter 2 - Shapes and Angles Month : Sep	Visualize 3D objects, nets and their properties.	Worksheets, practical activities	Making nets of 3D figures, model creation	Cardboard, geometry box, nets	Links with Science (molecules), Geography (buildings, monuments)	3D model making, sports (dice games)
Chapter 11 - Area and its Boundary Month : Oct	Measure and calculate area	Rubrics, hands-on tasks	Measuring objects, estimating distances, map scaling	Measuring tapes, maps	Geography (map reading), EVS	Art: scaled drawings, Sports: long jump measurements

Chapter 12 Smart Charts Month: Nov	1. Interpret and create bar graphs and pictographs. 2. Analyze data using charts and graphs. 3. Solve problems using data representation.	Quiz on interpreting bar graphs - Project: Create a pictograph on a given topic - Worksheet: Data analysis using charts	1. Activity: Collect data on favorite fruits or colors and represent it using bar graphs. 2. Discussion: Importance of data representation in real life. 3. Group Work: Create a collaborative pictograph project.	Mathematics textbook (Class 5) - Graph paper - Online tools for creating charts (e.g., Google Sheets)	Geography (population data), Sports (statistics)	Graphical data representation (sports data)
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Chapter 14 How Big How Heavy? Month: Dec	1. Understand and apply the concept of weight (grams, kilograms). 2. Compare and measure lengths (centimeters, meters). 3. Solve problems involving measurement.	1. Hands-on Activity: Measure classroom objects using rulers and tape measures. 2. Real-life Application: Discuss the importance of accurate measurement in cooking or construction. 3. Game: "Measurement Scavenger Hunt" to find objects of specific lengths or weights.	Rulers, tape measures, weighing scales - Mathematics textbook (Class 5) - Online measurement games	Mathematics textbook (Class 5) - tools for creating charts (e.g., Google Sheets)	Science Integration: Use measurement skills to conduct simple experiments. - Art Integration: Create scale drawings or models of objects.	Activity: Measure the distance covered in a race or the weight of sports equipment. 1. "Measurement Scavenger Hunt" 2. "Guess My Weight/Length" game
Class : 5						
Subject : Moral Science						

Topics	Learning Outcomes	Assessment Tools	Teaching Learning Strategies/ Activities	Resources	Inter-disciplinary/ Multi-disciplinary	Art Integration or Sports Integration
1. Tackling Fear	Students learn ways to face challenges with courage and self-confidence.	Story retelling, role play, reflection writing.	Story narration, group discussion, real-life sharing.	Short stories, motivational videos, PPT.	Psychology (stress management), Science (fight/flight response).	Role play, poster making "Face your fears."
2. Honesty is the Rarest Wealth!	Students understand the value of honesty in daily life.	Class debate, anecdote writing.	Sharing real-life examples, moral stories.	Storybooks, biographies (e.g., Gandhi).	Social Science (leaders, history), Language (essay writing).	Skit/play on honesty.
3. Forgiving Others	Learners realize importance of forgiveness for peace of mind.	Peer feedback, self-reflection worksheet.	Role play, circle-time activity.	Inspirational videos, parables.	Psychology (empathy), Religious studies (teachings on forgiveness).	Peace-themed drawing, dramatization.
4. Sharing is Caring!	Students practice generosity and collaboration.	Observation, participation in group tasks.	Group activity (sharing items), storytelling.	Everyday materials, short films.	Economics (resources), Social Studies.	Art project on sharing, team games.
5. We are all Equal	Students respect diversity and equality.	Class quiz, poster presentation.	Role play on discrimination, group projects.	Equality quotes, real stories.	Civics (fundamental rights), History.	Collage on "Unity in Diversity."
6. Time is Precious	Learners develop time management skills.	Timetable creation, reflection journals.	Time management games, making schedules.	Clock, planner sheets.	Maths (time), Science (biological clock).	Poster on time, stopwatch game.
7. True Friendship	Students understand loyalty, trust, and respect in friendships.	Peer feedback, story narration.	Group discussion, friendship day activities.	Poems, friendship bands.	Literature (friendship poems), Social Science.	Friendship card-making, drama.

8. Being Positive	Students adopt optimism and positive thinking.	Reflective diary, classroom observation.	Gratitude journal, positive affirmations.	Motivational quotes, videos.	Psychology, Health Education.	Poster-making "Think Positive," yoga.
9. Maintaining Cleanliness	Learners practice hygiene and cleanliness.	Observation, class cleanliness duty chart.	Cleanliness drive, practical demonstration.	Cleaning tools, charts.	Science (health & sanitation), EVS.	Cleanliness poster, slogan writing.
10. Presence of Mind	Students improve alertness and decision-making.	Situational questions, quick-response games.	Puzzle-solving, storytelling.	Brain teasers, riddles.	Maths (logical reasoning), Sports (game tactics).	Quiz competitions, mental math race.
11. Being Modest	Students learn humility and respectfulness.	Anecdote writing, self-reflection.	Role play, story narration.	Biographies, moral stories.	Social Science (leaders), Language (essays).	Drawing on humility, dramatization.
12. Don't Be Selfish	Students develop empathy and cooperative behavior.	Peer feedback, observation.	Group activities, storytelling.	Storybooks, videos.	Civics (community living), Psychology (empathy).	Skit/play on teamwork, collage-making.
Class : V						
Subject : Computer						
Topics	Learning Outcomes	Assessment Tools	Teaching Learning Strategies/ Activities	Resources	Inter-disciplinary/ Multi-disciplinary	Art Integration or Sports Integration
Chapter-1	Students will be able to:	Concept map on Language of Computers	Explanation	Sample of concept map	Life skills:	Info graphic on computer language
Language of Computers	Differentiate between computer languages and software		Interactive		Analysis	

Sub-Topics:					Organization	
1. Language of computers	Explore popular computer languages and software					
2. Differences between Compiler and Interpreter			Activity:			
No. of Periods: 8			Making of Concept maps		Subject: English/Hindi/Sanskrit	
Month: April						
Chapter-2	Students will be able to:	Peer Assessment (Practical Activity)	Approach:	Peer Assessment (Practical Activity)	Life skills:	Document making using any 5 features learned in this chapter on the Topic - My Classroom
Inserting Objects in MS Word 2010	Identifies the Windows screen elements and parts of a window		Explanation		Creativity	
Sub-Topics:			Demonstration		Organizing	
1. Inserting Picture Formatting	Analyses the Resize, Move and Scrollwindows		Experiential		Arranging Communication Management	
2. Inserting Symbols and Characters			Interactive			
3. Inserting Screenshot	Maximize, Restore, Minimize and Close windows		Collaborative			
No. of Periods: 8			Activity:			
Month: June	Create Copy, Move, Rename and Delete Files		Peer assessing during practical in lab.		Subject: Art & Craft + Maths	

Chapter-3	Students will be able to:	Peer Assessment (Practical Activity)	Approach:	Peer Assessment (Practical Activity)	Life skills:	Visit your computer lab and Insert a table and display any 5 states of India and their capitals
Working with Tables in MS Word 2010	Way of Creating a Table, The ways to resize the Table		Explanation		Creativity	
Sub-Topics:			Demonstration		Organizing	
1. The ways of Creating a Table	The ways of Moving a Table		Experiential		Arranging Communication Management	
2. The ways of Inserting or Deleting Rows and Columns						
3. The ways of Merging and Splitting Table			Activity:			
No. of Periods: 8			Peer assessing during practical in lab.			
Month: July					Subject: Art & Craft + Maths	
Chapter-4	Students will be able to:	Peer Assessment (Practical Activity)	Approach:	Peer Assessment (Practical Activity)	Life skills:	

PowerPoint with More Features	Define MS PowerPoint and Presentation		Explanation		Memorizing skill	You are assigned the charge of co-curricular activities in your school. Design a small PowerPoint presentation on these activities. use your creative sense to design a PPT, also save it by your name
Sub-Topics:			Demonstration		Logical thinking skills	
1. Different Types of Layout	Examine slide show presentation concept and explore the Microsoft Office PowerPoint Environment		Experiential			
2. The way to Add Animation Effect						
3. Steps to run the Slides	Recognize various screen elements of MS PowerPoint		Activity:			
No. of Periods: 8			Make a presentation on the topic 'Independence Day' Collect from internet and make a project file		Subject: Art & Craft + Science	
Month: August	Use different ways to create a new presentation					

Revision						
Month: September						
Chapter- 5	Students will be able to:	Peer Assessment (Practical Activity)	Approach:	Peer Assessment (Practical Activity)	Life skills:	Present a folder organization using computer drive
Files and Folders - Windows 7	Define Files and Folders		Explanation		Managing	
Sub-Topics:			Demonstration		Organizing	
1. The way to Organize Files and Folders	Create and Delete Files and Folders		Experiential		Arranging	
2. The way to create Files and Folders						
3. The way to delete Files and Folders			Activity:			
No. of Periods: 8			Create a Folder by School Name and try to move it in my computer or pendrive		Subject: Art & Craft	
Month: October						
Chapter-6	Students will be able to:	Peer Assessment (Practical Activity)	Approach:	Peer Assessment (Practical Activity)	Life skills:	Chart on Components of Excel Screen
Introduction to MS Excel 2010	Enter and edit data in MS Excel		Explanation		Communication	
Sub-Topics:			Demonstration		Critical and Analytical thinking	
1. Way to Create New Workbook	Copy, Move, Sort data in MS Excel		Experiential		Organization	
2. Various Components of MS Excel			Interactive		Analysis	

No. of Periods: 8	Demonstrate to use Relative referencing, Absolute referencing and Mixed referencing		Collaborative		Management	
			Activity:			
Month: November	Save, Open, Close, Print a workbook		Peer assessing during practical in lab.		Subject: Maths	
Chapter-7	Students will be able to:	Peer Assessment (Practical Activity)	Approach:	Peer Assessment (Practical Activity)	Life skills:	Chart on Flowchart and Its Symbols
Algorithm and Flowchart	Create Algorithm and Flowchart		Explanation		Communication	
Sub-Topics:			Demonstration		Critical and Analytical thinking	
1. Algorithm and Its Features	Basic Rules to Draw a Flowchart		Experiential		Organization	
2. Basic Rules to Draw a Flowchart			Interactive		Analysis	
No. of Periods: 8			Activity:		Subject: Art & Craft	
Month: December			Peer assessing during practical in lab.			
Chapter-8	Students will be able to:	Sample of Concept Map	Explanation	Sample of Concept Map	Life skills:	Locating a website
Web Browser and Network	Defines the strong grasp of what the Internet is, and the different ways to access it		Demonstration		Observation Skills	Open any web browser

Sub-Topics:			Experiential		Logical thinking skills	Type the address of any newspaper website in the address bar, for example www.timesofindia.com
1. Web Browser and Its Different Types	Understand the benefits of the Internet, and several different things it can be used for every day				Analytical Skills	Read any five headlines from it and share it in your class
2. Way to Start Internet Explorer			Activity:		Communication Skill	Click on different links present on the webpage explore different button present on toolbar
No. of Periods: 8	Use microsoft Internet Explore to open any website		Using web browser and Internet connection find out how can you search your school website and explore content from it			
Month: January					Subject: English	
Class : V						
Subject : English						

Term I	Learning Outcomes	Assessment Tools	Teaching Learning Strategies/ Activities	Resources	Inter-disciplinary/ Multi-disciplinary	Art Integration or Sports Integration
Ice-cream Man	Students will be able to develop reading comprehension and appreciation for	Recitation rubric Worksheet	Guided reading	NCERT Textbook,	Science: States of matter	Poem Recitation
(poem)	poetry by identifying rhyming words and the poem's main idea, improving listening and speaking skills through recitation with proper rhythm, and expanding vocabulary through words like "trundling" and "mounds".		Think- Pair- Share on "Favourite summer treat"	Chart paper, Flashcards, Youtube video		
Wonderful Waste (Poem)	Students will be able to write short paragraphs and	Paragraph writing	Group project: Best from waste		EVS: Waste management	Draft: Best from waste

(110SC)	understand recycling.		DESTRUCTION WASTE.			
Teamwork (Poem)	Students will be able to explain teamwork.	Role play rubric Project evaluation Class test	Group brainstorming: "What makes a good team?"	Textbook, Group activity cards	Social Science: Cooperation in society	Poster making: Together We Can
			Grammar games		Sports: Team games	
		Role play rubric Project evaluation Class test	Group brainstorming: "What makes a	Textbook, Group activity cards	Social Science: Cooperation in society Sports: Team games	gether we can Role p
My Shadow (Poem)	Students will be					

My Shadow (Poem), Robinson Crusoe (Prose) July No. of Periods: 18	able to use imagination, retell adventures and identify adjectives.	Role play rubric Written task Peer assessment	Silent reading followed by Q&A- Role play: Munna & Bhaiya - Diary writing on " When I felt sad" - Peer discussion - Puppet show of Rip Van Winkle- Group creative writing: <i>if I slept for 20 years...</i>	Textbook,Flashcard, Puppets, Storycards	Moral Science: Family values Psychology: Emotions History: Colonial America	Role play Diary entry writing Drama
Crying(Poem), My Elder brother (Prose), Rip Van Winkle(Prose) August No. of Periods: 24	Students will be able to express emotions and dramatize dialogues. They will be able to use present & past tense correctly.	Exam,Discussion rubric	Mock class discussion	Textbook, Question cards	Social Science: Debate skill	Mock discussion

Class Discussion (Poem) September No. of Periods: 7	Students will be able to participate in discussions and be able to use wh-questions.	Storytelling checklist Quiz Poster evaluation	Storytelling contest- question making activity- Creative writing: " If I lived in Topsy-turvy Land"	Textbook, Poster char	Life Skills: Speaking/listening Maths: Scale, measurement	ertelling,poster mak
The talkative Barber (Prose), Topsy- turvy Land (Poem) October No. of Periods: 15	Students will be able to enjoy folktales and develop imagination.					

		Writing rubric Poster, Peer assessment, Worksheet Project rubric.	Travelogue activity- preposition on relay- Friendship pledge- Peer discussion: Qualities of a good friend- Homophone card	Atlas,Textbook,Flas hcards, Story strips	Geography: World travel, Moral Science: Values, kindness	Creative writing.Friendship cards, Group talk
Gulliver's Travels (Prose), Nobody's Friend(Poem),The Little Bully(Prose) November No. of Periods:24	Students will be able to write creatively, use prepositions & conjunctions,value friendship, describe characters and use homophones.	Group project,oral test, Recitation	Poem singing,Recitation ,drama	Textbook,flashcard	Social Science (community,helpers,city life), EVS (polar animals)	Poem singing, street scene drawing,Polar bear craft

**Sing a Song of People
(Poem), Malu Bhalu
(Poem) December No. of
Periods: 13**

Students will be able to develop social values and appreciate courage.

Written assignment	debate on qualities of a good leader	Globe, PPT	Civics (justice, leadership)	Skit on Ningthou
बच्चों का शब्द भंडार बढ़ा	कथाकथन पद्धती	आसपास होनेवाली घटनाओं को लेकर प्रश्न करना, बच्चों से बातचीत या चर्चा करके राय देने के अवसर उपलब्ध कराना	पुछते हैं, निष्कर्ष निकालते हैं। पढ़ी हुई घटनाओं को लेकर चित्री, पात्र के बारे में बातचीत करते हैं। प्रश्न	तरह तरह के अनाज
बच्चों को अलग अलग त्रौहारों की जानकारी देना। विविधता में एकता का परिचय देना	अध्ययन स्पष्टीकरण पद्धती, 1	कक्षा में अलग अलग तरह की कहानिया, कविताये और बालसाहित्य उपलब्ध हो, उनपर चर्चा करने का मौका मिले।	आसपास क घटनाओं पर ध्यान देते हुए मौखिक रूप से प्रश्न पुछते हैं।	पतंग, तिलगुड
प्रस्तुत कविता द्वारा बच्चों का मनोरंजन करना। विद्यार्थियों कप अवजारी की जानकारी देना।				
प्रस्तुत पाठ द्वारा नक्काशी कारीगरी के बारे में बताना।	स्पष्टीकरण पद्धति बर्ननात्मक पद्धत	भाषा के बारिकियों और उसके नियम और प्रकृती को समझने और उसके प्रयोग करने के अवसर हो	अपरिचित शब्दों के अर्थ शब्दकोश से खोजते हैं	नक्काशी की गई बस्तुएं

		विद्यार्थियों में संवेदनशीलता का विकास करवाना। अपने परिवेश प्रती जिज्ञासा उत्पन्न करना।	स्पष्टीकरण पद्धत	अन्य विषयों, व्यवसाय कलाओं में प्रयुक्त होनेवासे शब्दों को समझने और उसका संदर्भ एवं स्थिती के अनुसार इस्तेमाल करने के अवसर उपलब्ध हो।	भाषाओं की बारिकियों पर ध्यान देते हुए अपनी भाषा गढ़ते हैं और उसे अपने लेखन में शामिल करते	मुने कशीदाकारी वस्तुओं में
		विद्यार्थियों को साहित्यिक विधाओं का परिचय देना प्रचार माध्यमों के विकास की जानकारी देना।	स्पष्टीकरण पद्धत	एक दुसरे को लिखी हुई रचनाओं को सुनाने पढ़ने और उस पर अपनी राय देने उसमें अपनी बात को जोड़ते बढ़ाने अलग असंगत भाग से लिखने का अवसर हो।	बताते हैं। पाठ्यपुस्तक से इतर सामग्री (अखबार, बालपत्रिका) को समझाते हुए पढ़ते और उसके बारे में	कचरे के टिकट, पोस्ट कार्ड
Class - V						
subject - Hindi						
पाठ / विषय	अधिगम परिणाम (Learning Outcomes)	मूल्यांकन उपकरण (Assessment Tools)	शिक्षण-अधिगम क्रियाएँ (Teaching-Learning Strategies / Activities)	संसाधन (Resources)	अंतरविषयी / बहुविषयी संबद्धता (Interdisciplinary / Multidisciplinary Linkages)	कला / क्रीड़ा समेकन (Art / Sports Integration)
April	राख की रस्सी	बच्चों का शब्द भंडार बढ़ाने	कथाकथन पद्धती	आस्पास होनेवाली घटनाओं को लेकर प्रश्न करना, बच्चों से बातचीत या चर्चा करके राय देने के अवसर उपलब्ध कराना	पुछते हैं, निष्कर्ष निकालते हैं। पढ़ी हुई घटनाओं को लेकर चित्री, पात्र के बारे में बातचीत करते हैं। प्रश्न	तरह तरह के अनाज

April	फसलो के त्यौहार	बच्चों को अलग अलग त्यौहारों की जानकारी देना विविधता में एकता का परिचय देना	अध्ययन स्पष्टीकरण पद्धती, हिंदी	कक्षा में अलग अलग तरह की कहानिया, कविताये और बालसाहित्य उपलब्ध हो, उनपर चर्चा करने का मौका मिले।	आसपास क घटनाओं पर ध्यान देते हुए मौखिक रूप से प्रश्न पुछते हैं।	पतंग, तिलगुड
June	खिलौने वाला	प्रस्तुत कविता द्वारा बच्चों का मनोरंजन करना विद्यार्थियों कप अवजारी की जानकारी देना।				
July	नन्हा फजकार	प्रस्तुत पाठ द्वारा नक्काशी कारीगरी के बारे में बताना।	स्पष्टीकरण पद्धत बर्ननात्मक पद्धत	भाषा के बारिकियों और उसके नियम और प्रकृती को समझने और उसके प्रयोग करने के अवसर हो	अपरिचित शब्दों के अर्थ शब्दकोश से खोजते हैं	नक्काशी की गई बस्तुएं
July	जहाँ चाह वहाँ राह	विद्यार्थियों में संवेदनशीलता का विकास करवाना। अपने परिवेश प्रती जिजामा उत्पन्न करना।	स्पष्टीकरण पद्धत	अन्य विषयों, व्यवसाय कलाओं में प्रयुक्त होनेवासे शब्दों को समझने और उसका संदर्भ एवं स्थिती के अनुसार इस्तेमाल करने के अवसर उपलब्ध हो।	भाषाओं की बारिकियों पर ध्यान देते हुए अपनी भाषा गढ़ते हैं और उसे अपने लेखन में शामिल करते	तमूने कशीदाकारी वस्त्रों के
July	चिट्ठी का सफर	विद्यार्थियों को साहित्यिक विधाओं का परिचय देना प्रचार माध्यमों के विकास की जानकारी देना।	स्पष्टीकरण पद्धत	एक दुसरे को लिखी हुई रचनाओं को सुनाने पढ़ने और उस पर अपनी राय देने उसमें अपनी बात को जोड़ते बढ़ाने अलग असंगठित से लिखने का अवसर हो।	बताते हैं। पाठ्यपुस्तक से इतर सामग्री (अखबार, बालपत्रिका) को समझाते हुए पढ़ते और उसकेबारे में	डाकघर के टिकट, पोस्ट कार्ड
August	डाकिए की कहानी कुंवरसिंह	साहित्यिक विधाओं का	संभाषण पद्धत	सुनौ देखी पड़ी बातों को अपने तरिके से	विभिन्न घटनाओं की बारिकियों	डाकघर

August	वे दिन भी क्या दिन थे	वित्थार्थियों में वैज्ञानिक दुष्टिकोण जागृत करना, प्रस्तुत पाह का अध्ययन करना।	स्पष्टीकरण पद्धत	जए चित्रों का चित्र शब्दकोश शब्दकोश में देखने का अवसर उपलब्ध हो।	अपने आसपास घटनेवाली विभिन्न घटनाओं की बारिकियों पर ध्यान देते हुए उनपर लिखित उप से अपनी प्रतिक्रिया व्यक्त करते हैं। प्रश्न पूछते हैं	पुस्तक
September	एक माँ की बेबी	वित्थार्थियों में वैज्ञानिक दुष्टिकोण जागृत करना, प्रस्तुत पाह का अध्ययन करना।	स्पष्टीकरण पद्धत गायन	चयपुस्तक और दुसरी मानदी से आये हुए प्राकृतिक सामाजिक एवं अन्य संवेदशील मुद्दोंपर चर्चा ही, समझाने का अवसर	अपनी कल्पना से कविता को आगे बढ़ाते हुए लिखते हैं।	हुए खिलौने
September	एका दिन मी बादशाहल	बच्चों की स्वभावगत विशेषता उजगर करना। साहित्य के मध्वम में भाषा कौशाम्य का विकास	नादयकरण पद्धत	आसपास होनेवाली गतिविधियां घटने वाली घटनाओं को संका पश्च करे, हिप्पणी करने राम देने के अवसर प्राप्त हो।	अपने आसपास घटने बानी विभिन्न घटनाओं पर ध्यान देहेते हुए अपनीप्रतिक्रियाए व्यक्त करते	खाने की चिजे
September	चाक की रोटिया	माँडिक भाषा कर विसस काना। विद्यार्थियों के शब्द भंज्ञा को बढ़ा देना	नादयकरण पद्धत	भारत और संदभी के अनुसार अपनी मा गहने माए शब्द वाक्य अभित्यकारी, या बनाने और उनका इस्तेमाल करने	सुनी अधवा पती रचनाओं के विषय वस्तु घटना चित्र और पात्रो शिर्षक आदी के बारे में बातचीत करचे है, पश्च पुछते है। निष्कर्ष निकालते है।	
October	गुरु और रोमा	बच्चो का बाम साहित्य पढ़ने में गधी निमोण करमा। मनोरंजन करना।	स्पष्टीकरण	विभिन्न कविताजी, बङ्गालीयो आध्दी को अपने तरीके और अपनी आय में मौजिक लिखित सांकेतिक स्प से कहानी सुनाने जन पूछने टिप्पणी करने अपनी राय देने की आजादी हो	उद्देश और संदर्भ के अनुसार शब्दो वाक्यो विराम चिन्हों का उचित प्रयोग करें	गगयौ, महिलया,

October	स्वामी की दादी	बच्चों के पररवेश के प्रती जजज्ञासा रखना और उसका अवकोकन करना। प्रस्तुत पाठ का अध्ययन करना	कथा कथन पद्धती	पाठ्यपुस्तक और उससे संबधत सामग्री में आये प्राक्कु नतक सामाजजक एवं अन्य संवेदनशील मुद्दों को समझने और उन पर चचा करने के अवसर उपलब्ध हो।	मौखखक रुप से अपनी प्रनतकक्रया व्यक्त करते है, प्रश्न पुछते है।	बक्सा, मेडल
November	बाघ आया उस रात	ववद्याचथायो को जंगली पशु पक्षक्षयो की जानकारी देना। पयाावरण संतुलन का महत्व बताना।	गायन पद्धत	ववर्य वस्तु के संदभा मे भान को बाररककयो और उसकी ननयम और प्रकृती को समझने और उनका प्रयोग करने के अवसर हो।	स्वेछछा से या मशक्षक द्वारा गनतववधी के अंतगात लेखन की प्रकक्रया करते है	बाघ का चचत्र
November	त्रबशन की हदलेरी	पयाावरण संबधत जानकारी देना। ववद्याचथायो को पक्षक्षयो संबधत जानकारी देना।	वनानात्मक पद्धत	आसपास होनेवाली गनतववधयो/घटनाओं को लेकर प्रश्न करने से, बातचचत या चचा करने, हटप्पणी करने, राय देने के अवसर उपलब्ध हो।	मौखखक रुप से अपनी प्रनतकक्रया व्यक्त करते है, प्रश्न पुछते है।	ववडडओ
December	पानी रे पानी	नदी प्रदुर्न के बारे मे जानकारी देना। अकाल और बाढ की पररजस्तती को समझाना।	पद्धत स्पष्टीकरण	सामाजजक पररवेर् के प्रती जागरुक करना।	पाठ ववश को समझना और उससे जुडे हुए मुद्दों पर राय देना।	पानी की बोतल, जल श्रोत के चचत
December	छोटी सी हमारी नदी	प्रस्तुत कववता द्वारा जजवन की सौदया अनुभूती कराना। पयाावरण संरक्षण का महत्व बताना।	स्पष्टीकरण पद्धत	मौखखक, मलखखत, सांके नतक) रुप में अपने और दुसरे के अनुभवों को कहना, सुनाना, पढना, मलखना	अपनी स्वतंत्र हटप्पणी देते है (अपनी बात) के मलये तका देते है, ननष्कर ननकालते है।	चचत्र

January	चुनौती हहमालय की	प्राक्कु नतक स्थलो के बारे में जानकारी देना।	वनानात्मक पद्धत	ववमभन्न ववर्यो घटनाओ कहाननयो कववताओ आदी को अपने तररके अपनी भान में मौखखक मलखखत सकि नतक रुप में कहने सुनाने प्रश्न पुछने हटप्पणी करने अपनी राय देने की आजादी हो।	चत शब्दो के अधा शब्दकोर से खं	ववडडओ
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