

SUBJECT computer								GRADE 7					
UNIT AND THEME	OBJECTIVE TO BE ACHIEVED	COMPETENCIES	DATE OF START & END	NUMBER OF PERIODS	USE OF INNOVATIVE STRATEGY	CHECKING PREVIOUS KNOWLEDGE	RESOURCES USED	VALUE DERIVED	CROSS CURRICULAR APPROACH TO BE LINK WITH INNOVATION AND GLOBAL CULTURE	ELEMENT OF	LEARNING OUTCOME		
unit 1 introduction to computer	students would be able to understands about: *hardware and software. * configuration of computer. *hierarchy of data. * troubleshooting.	digital competency	18/4/22 to30/4/22	4	group disscussion	short quiz related to computer.	books and ppt	computaional and logical skills	compare hardware and software with human parts of body.	make a poster showing some of the common computer problems and their remedies.	they will be able to understand the topic.		
unit 2 More on MS Windows 7	students would be able to understsnd about MS windows.	digital competency	4/5/22 to 18/5/22	4	group disscussion and practical	what do you know about windows?	book and lab practical	computational and logical skills	suppose during summer vacation you prepare a science project using computer. You decide to copy the project in a CD. How will you do?	lab practical: create the "my folder" shortcut on the desktop.	they will be able to understand the topic.		



	SUBJECT	ENGLISH				GRADE 7							
UNIT	OBJECTIVE TO BE ACHIEVED	COMPETENCIES	DATE OF START & END	NUMBER OF PERIODS	USE OF INNOVATIVE STRATEGY	CHECKING PREVIOUS KNOWLEDGE	RESOURCES USED	VALUE DERIVED	CROSS CURRICULAR APPROACH TO BE LINK WITH INNOVATION AND GLOBAL CULTURE	ELEMENT OF INNOVATION	LEARNING OUTCOME		
Unit 1 Play the Game - Ch1. Hopscotch	At the end of the lesson students will learn about Hopscotch game	To know about different ways to play Hopscotch	20/04/22- 25/04/22	5	Student centric	Do they know about this game	textbook and worksheets	Importance of playing games	Different variations of Hopscotch played in the world	Benefits of physical activity	students learned about the game Hopscotch		
ch- 2 Gulli Danda	At the end of the lesson students will know about the game gulli danda	will know how financial status changes friendship	25/04/22- 30/04/22	6	Student centric	Do they know about this game	textbook and woksheet	Importance of playing games	some other value developed while playing	Benefits of physical activity	students learned about the concerned text		
ch-3 The Echoing Green	Will know about how you look at your surroundings in different age	know about different medium of communication through social media	04/05/22- 11/05/22	5	Student centric	how do they look at their surroundings now.	charts ,text book ,worksheets	Benefits of playing in nature	Benefits of playing in nature	Benefits of physical activity	students learned about the concerned text		
Unit-2 On the Move ch-4 Those Six days	At the end of the lesson students will learn the importance of dairy writing	Developing observation	24/05/22- 30/05/22	4	Student centric	Have they ever been on a road trip	charts, videos, worksheet, textbook	Importance of dairy entry	Ask them share experience of any road trip	Importance of dairy entry	students learned about the concerned text		
Grammar - Worksheet 1	Students will be able to solve the worksheet	Collaboration/team work.	26/04/22- 5/05/22	5	techniques to solve unseen passage	techniques to solve unseen passage	charts, videos, worksheet	Grammatical knowledge of student increases	students solve the questions based on the same	critical thinking	students learned about the concepts related to the text		
Grammar - Worksheet 2	Students will be able to solve the worksheet	Collaboration/team work.	24/05/22- 30/5/22	4	techniques to solve unseen passage	techniques to solve unseen passage	charts,videos, worksheet	analytical ability of the student increases	students solve the questions based on the same	analytical thinking	students learned about the concepts related to the text		



	विषय-हिंदी				कक्षा-सात							
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अध्याय -१; प्रार्थना (कविता)	बच्चों को सद्मार्ग पर चलने के लिए प्रेरित करना	शब्द-भण्डार की वृद्धि, भाव एवं अर्थ- ग्रहण	१८.४.२०२२ से २२.४.२०२२	ц	विद्यार्थी -केन्द्रित	बच्चे सच्चाई का महत्त्व समझते हैं	पाठ्यपुस्तक, पाठ से सम्बंधित चित्र- चार्ट आदि	बच्चों को सद्मार्ग पर चलने के लिए प्रेरित करना	उपनिषद् के अन्य श्लोकों को पढने के लिए प्रेरित करना	गायन के माध्यम से		
व्याकरण-खंड अध्याय- १ ; भाषा, बोली,लिपि और व्याकरण	बच्चों में व्याकरण की समझ विकसित करना	शब्द-भंडार की वृद्धि,वर्तनी का ज्ञान , शुद्ध उच्चारण	१८.५.२०२२ से २९.५.२०२२	ş	विद्यार्थी -केन्द्रित	बच्चे व्याकरण की संक्षिप्त समझ रखते हैं	पाठ्यपुस्तक, पाठ से सम्बंधित चित्र- चार्ट आदि	भाषा, बोली,लिपि और व्याकरण की समझ विकसित करना	विभिन्न भाषाओं की वर्णमाला लिखने एवं पढ़ने के लिए उत्साहित करना	चक्र -चार्ट के माध्यम से व्याकरण -बोध		
अध्याय -२; मधुर भाषण (निबंध)	भाषां में मधुरता का महत्त्व बताना	शब्द-भण्डार का वृद्धि, भाव एवं अर्थ- ग्रहण	२५ .४.२०२२ स २९.४.२०२२	ц	वणात्मक	बच्च मधुर एव ककश स्वर की पहचान रखते हैं 	पाठ्यपुस्तक, पाठ से सम्बंधित चित्र- चार्ट आदि	मधुर भाषा का प्रयाग करने के लिए प्रेरित करना	तुलसादास क अन्य दाह पढ़न क लिए उत्साहित करना	सवाद द्वारा		
व्याकरण-खंड अध्याय- २;वर्ण-विचार	बच्चों में वर्ण सम्बंधित बोध विकसित करना	वर्ण के आकार, प्रकार एवं उनका परिचय	२.५.२०२२ से ९.५.२०२२	ş	विद्यार्थी -केन्द्रित	बच्चें हिंदी वर्णमाला से पूर्व परिचित हैं	पाठ्यपुस्तक, पाठ से सम्बंधित चित्र- चार्ट आदि	वर्ण-बोध विकसित करना	विभिन्न वर्णों को विच्छेद कर लिखने के लिए प्रेरित करना	चक्र -चार्ट के माध्यम से व्याकरण -बोध		
अध्याय -३; परीक्षा (कहानी)	परोपकार की भावना विकसित करना	शब्द-भण्डार की वृद्धि, भाव एवं अर्थ- ग्रहण	२.७.२०२२ से ६.७.२०२२	ц	विद्यार्थी -केन्द्रित	बच्चें अपने सहपाठियों से मित्रता,दया एवं सहयोग की भावना रखते हैं ।	पाठ्यपुस्तक, पाठ से सम्बंधित चित्र- चार्ट आदि	परोपकार की भावना विकसित करना	प्रेमचंद की अन्य ऐसी ही प्रेरणादायक रचना पढ़ने के लिए प्रेरित करना	संवाद द्वारा		
व्याकरण-खड अध्याय- ३; संधि	सधि की प्रक्रिया एव प्रकार का परिचय देना	वर्णों के मेल से उत्पन्न विकार का परिचय देना	१३.५.२०२२ से १६.५.२०२२	ş	विद्यार्थी -केन्द्रित	बच्चे सधि का सक्षिप्त ज्ञान रखते हैं।	पाठ्यपुस्तक, पाठ से सम्बंधित चित्र- चार्ट आदि	सधि का परिचय देना।	स्वर सधि, व्यजन सधि एव विसर्ग संधि की पहचान के लिए उत्साहित करना	वर्ण-चार्ट के माध्यम से		
अध्याय -४ ,सच्ची- मित्रता (कविता)	सच्चे मित्र के गुण बताना	शब्द-भण्डार की वृद्धि, भाव एवं अर्थ- ग्रहण	९.५.२०२२ स १३.५.२०२२	ц	विद्यार्थी -कॅन्द्रित	बच्चे मित्रता के भाव का अर्थ भलीभांति समझते हैं ।	पाठ्यपुस्तक, पाठ से सम्बंधित चित्र- चार्ट आदि	स्वय में एक सच्चे मित्र के गुण विकसित करना	मित्रता आधारित अन्य रचनाए पढने के लिए प्रेरित करना	गायन के माध्यम से		

बच्चों में सद्मार्ग पर चलने हेतु उत्साह क संचार हुआ
बच्चों में भाषा, बोली,लिपि और व्याकरण की समझ विकसित हुई
बच्चों में भाषागत शिष्टता, मधुरता का बोध उत्पन्न हुआ
बच्चें वर्णों के आकार,प्रकार एवं प्रयोग से भलीभांति परिचित हुए
बच्चे परोपकार क महत्व से भलीभांति परिचित हुए ।
बच्चें संधि के प्रकार एवं प्रयोग से भलीभांति परिचित हुए ।
बच्चें स्वयं में एक अच्छे मित्र के लक्षण आत्मसात करने में सक्षम हुए

LEARNING



	SUBJECT	Mathematics				GRA				GRADE 7			
UNIT AND THEME	OBJECTIVE TO BE ACHIEVED	COMPETENCIES	DATE OF START & END	NUMBER OF PERIODS	USE OF INNOVATIVE STRATEGY	CHECKING PREVIOUS KNOWLEDGE	RESOURCES USED	VALUE DERIVED	CROSS CURRICULAR APPROACH TO BE LINK WITH NOVATION AND GLOBAL CULTURE	ELEMENT OF INNOVATION	LEARNING OUTCOME		
1. KNOWING OUR NUMBERS	*Division of integers *multiplying integers *properties of integers	Independent Learning	18 april to 22 april	5	Draw the concept map of INTEGERS and make a table chart for different properties of integers	Number knowledge and their types, all about integers - positive integers, negative integers and zero and their representation on number line	cardboard, white chart paper,graph strips, scissors , glue different coloured pencil,	INTEGRITY	in computer -nwe can check that if a number in excel is an Integer.	To verify that addition and multiplication of whole number is commutative	All students abled tounderstand the division of integers, multiplication of integers and the properties of integers		
2. FRACTION	*Reciprocal of a fraction *Multiplication of fraction *Division of fraction	Critical Thinking	25 to 6 may	7	A PPT Presentation on it, and concept map of fraction	types of fraction- proper, improper fraction, mixed fraction, like andunlike fraction and question based on them	white chart paer, soft cardboard,ruler,pencil, sketch pens, scissors	Honesty	in computer this can help in the writing fraction in HTML. With the help of fraction we can calculate different parts of any object.	with an activity- To find fraction equivalent to a given fraction	al students will able to understand the Reciprocal of a fraction , Multiplication of fraction and Division of fraction		
3. Rational Numbers	*What is rational numvbers * Types of rational numbers *Rational numvber on number ine *Standard form , absolute value and equivalent form of rational number, *Comparison of ratioal numbers *Addition,subtraction, multiplication and division of rational numbers, *Rational numbers as decimals *Rule to find terminating or non- terminating repeating decimals	Critical Thinking	9 to 18 may	7	explain with the help of venn diagram of number, and concept map of rational numbers	about numbers - like natural number, whole numbers, integers and recap exercise	square sheet, sketch pens of different colours.	Care	rational numbers are used frequently in many areas of mathematics as well as the sciences and even in the humanities. Because life is not always explained using whole numbers understanding how decimals and fractions work is pivotal for understanding trends in geography and business. Additionally, rational numbers are used extensively in the calculations students will be expected to do in Chemistry, Physics, and Biology. Square roots are also often present in scientific formulae	through an activity - find the sum of two rational number with same denominator	all students will abled to understand "What is rational numbers "Types of rational numbers "Rational number on number line "Standard form, absolute value and equivalent form of rational number, "Comparison of ratioal numbers "Addition, subtraction, multiplication and division of rational numbers," Rational number between two rational numbers "Rational numbers as decimals "Rule to find terminating or non- terminating repeating decimals		
4. DECIMALS	*Division of decimals fraction *multiplying decimals fraction *conversion of units	Problems Solving	4 to 8 july	5	explain with the help of video presentation and presentation of ppt	about the parts of decimal representation, comparing and ordering decimals and smal recap exercise	3 cardboards, 3 white chart paper, ruler, pencil, eraser, adhesive, three sketch pens of different colours	Tolerance	decimals are used in develop financial capability, also uses ICT to solve problems and/or present their work.	through an activity - represent a decimal numbers using a grid paper	all students able to understand the concept of decimals and *DIvision of decimals fraction *multiplying decimals fraction *conversion of units		
5. EXPONENTS AND POWERS	*Use of exponents in expressing *laws of exponents *large numbers	Critical Thinking	11 to 15 july	5	explain with concept map of and an activity based on it different formulas of exponents and powers	square and square root of numbers 1 to 20	3 cardboards, 3 white chart paper, ruler, pencil, eraser, adhesive,three sketch pens of different colours	INTEGRITY	use of exponents and powers in expressing large numbers in a scientific notation.	through an activity - to find the value of a raise to the power n using paper folding	all students will able to understand the concept of exponents and powers ,Use of exponents in expressing "laws of exponents "large numbers		
6. ALGEBRAIC EXPRESSION	*Types of algebraic expression, *fraction of an Algebraic expression * addition of algebraic expressions *subtraction of algebraic expression * simplification of algebraic expression * evaluting algebraic expression	Critical Thinking	20 to 28 july	7	explain with the video presentation and also with the concept map of algebric expression	meaning of algebra , varaible coefficient and about constast , meaning of several different ways to describe expression with words and a recap exercise	cardboads, chart paper, match sticks and glue	Tolerance	in computer it helps in coading ND DECODING	through an activity make an algebric expression through a amthchstics	all students will able to understand the meaning of linear equation in one variable, *Types of algebraic expression, *fraction of an Algebraic expression *addition of algebraic expressions *subtraction of algebraic expression * simplification of algebraic expression * explexion * expression		
7. SIMPLE LINEAR EQUATIONS	*what is an equation *solving an equation *linear equation in one variable	Problems Solving	1 to 5 aug	5	EXPLAIN with the help of concept map and video presentation of the simple linear equations	difference between expression and equations and the recap exercise	square sheet, sketch pens of different colours.	Care	it helps in balancing the quantity and also help in the finding the value of the unknown quantity	through an activity of balancinbg find the unknown quantity	all students will able to understand that what is an equation "solving an equation "linear equation in one variable		
8. COMMERCIAL MATHEMATICS	*Ratio *proportion *Unitary Method *perCent *Profit and loss *Simple Interest	Problems Solving	9 to 19 aug	6	explain the help of ppt presentation and expalin the simple process through A STORY	findiNG RATIO- simplest and equivalent ratio and proportionaland the recap exercise	cardboads, chart paper, match sticks and glue	Honesty	it helps in the commercial world for calculating profit loss, percentage , and interest	through an activity of purchaseing some items and calculate the profit and loss	all students ill able to understand the *Ratio *proportion *Unitary Method *perCent *Profit and loss *Simple Interest		
9. LINES AND ANGLES	*Basic concept about line *Transversal lines *Pairs of nangles	Creativity	22 to 26 aug	5	explain with the help of ppt presentation and using geometrical shapes and concpt map of lines and angles	about parallel limnes, angles ,and a short recap exercise	thick paper, pencil/ pen	Respect	helps for the drawing different geometrical figure in construction of a building	through an activity - to draw a perpendicular to a line from a point not on it. By paper folding	all students will able to understand the *Basic concept about line *Transversal lines *Pairs of nangles		
10. PROPERTIES OF TRIANGLES	*Basic concept about triangles *Types of triangles on the basis of sides *Types of triangles on the basis of angles * Angles of triangles *Angle sum property of a triangle * Exterior angle property *Sum of two sides of a triangle *Pythagoras Theorem	Critical Thinking	29 to 9 sep	7	explain with the help of book and video presentation	about triangles , interior and exterior part of a triangle , altitude median of a triangle	thick paper , pencil/ pen , ruler, scissors	Respect	help in finding the area of a building in a triangular shapes	to obtain angle bisector of an angle by paper folding	all students will able to understand the "Basic concept about triangles "Types of triangles on the basis of sides "Types of triangles on the basis of angles " Angles of triangles angles un property of a triangle " Exterior angle property "Sum of two sides of a triangle "Pythagoras Theorem		
11. SYMMETRY	*Meaning of symmetry *Point symmetry *Rotational symmetry * Figures with both reflection and rotational symmetry	Creativity	12 to 14 sep	3	explain with the help of different pictorial representation	line of symmetry , reflection symmetry , and a short recap exercise	white chart paper, soft cardboa	Tolerance	help in finding the similar figure	to find the lines of symmetry of a figure by paper folding	all students will able to understand theMeaning of symmetry *Point symmetry *Rotational symmetry * Figures with both reflection and rotational symmetry		
12. REPRESENTING 3D IN 2D	*Meaning of 2D and 3D * faces, Edges, and Vertices of 3D shapes *Drawing solid shapes * Drawing 3Dshapes on squared paper * net of 3Dshapes * Matching pictures with objects * Mapping the Space Around through visual estimation * Visualising solid objects	Critical Thinking	22 to 30 sep	7	explain with the help of diagrametical representation of different 2d and 3d objects	2d shapes objects , 3d shapes objects and a short recap exercise	cardboard , ruler, pencil, colours , adehesive glaze paper	INTEGRITY	in art and drawing it helps in the representing 2d figure inb the 3d	to obtain formula for the area of rectangle	all students will able to u nderstand the Meaning of 2D and 3D * faces, Edges, and Vertices of 3D shapes * Drawing solid shapes * Drawing 3DShapes on squared paper * net of 3Dshapes *Matching pictures with objects *Mapping the Space Around through visual estimation * Visualising solid objects		
13. CONGRUENCE	*Congruence *congruence of plane figures *congruence of triangles	creativity	10 to 14 oct	5	explain with the help of different congruence figure	figure of same shape and size	cycle spokes/ wooden sticks/ tooth picks etc., valve tube	INTEGRITY	in the drawing	to establish the fact that triangle is the most rigid figures	all students will able to understand the		
14. CONSTRUCTION	*Constructioin of triangles * construction of parallel	Creativity	17 to 21 oct	5	explain with the help of	about the different instruments of a	pieces, not out, thick thread,	Care	helps I n the drawing		all students will able to understand the		
15. PERIMETER AND AREA	lines *perimeter *Concept of area *Area between two rectangles *Circle *Area of a circle	Problems Solving	2 to 17 nov	11	construction make a chart of area and perimeter of different geometrical figure	geometrical bix perimeter of square , rectangle and triangle	cardboard, ruler, pencil, colou cardboard, white chart paper,graph strips, scissors, glue different coloured pencil, eraser adesive, collours,	Honesty	helps in contructing the shape and size	to explain RHS criterion for congruency of two right trisangles	Construction of triangles * construction of all students will able to understand the concept of perimeter *Concept of area *Area between two rectangles *Circle *Area of a circle		
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Food from where (Service and consumer)	. To know about Photosynthesis. Autotrophic, heterotrphic, parasite and other modes of nutrition	Environmental care and awareness	19/04/2022- 25/04/2022	5	A group disscussion on mode of nutrition.	Short quiz, JAM,	Text book, Chart, Video	care	Chemical reaction for photosynthesis, MAST Programme (Medically associated science and tech)	PPT presentation on Photosynthesis. Virtual lab	. Student wqould know about Photosynthesis. Autotrophic, heterotrphic, parasite and other modes of nutrition				
Utilisation of food (Service and consumer)	Types of nutrition in animals and digestion	Environmental care and self learning	26-04-2022- 3/05/2022	6	Virtual lab experiment of effect of saliva on starch	Thunk, reverse questioning.	Active panel, Virtual lab,Text book	Tolerance and care	Different types of wool on the basis of geographical areas.	PPT, Virtual lab, Extra reading materials.	. Student wqould know aboutTypes of nutrition in animals and digestion				
Materilas of daily use (Natural and processed materials)	Animal fibres, Process of extraction, Heat flow and temperature	Enterpreunership	4-05-2022- 9/05/2022	6	Debate on properteis counductor and insulator	question answer session	Pdf, activity kit, Virtual lab	Collaboration and team work	Compare between the different ranges of tempreture.	Text book, Charts, laboratory.	. Student wqould know aboutAnimal fibres, Process of extraction, Heat flow and temperature				
Moving objects	Appreciation of idea of movemnt, time and measurement	Resilience	10-05-2022- 16/05/2022	5	Question developer	Reverse questioning, JAM,SORT QUIZ	Daily life experience, inches, measuring tape, ball erc.	Collaboration and team work	Different types measurement and standedrd unit of different countries	Text book, Charts, Reading materials.	. Student wqould know about Appreciation of idea of movemnt, time and measurement				



	SUBJECT sst					GRADE 7								
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The medieval years and its sources	extent of the medieval period, different names for India ,major developments sources	cultural awareness	18th to 22 nd April	5	will show them some pictures of inscriptions and monuments that belongs to past .	will ask them about any nearby historical monument and then will related with the topic .	pictures	integrity		will ask them to collect the different inscriptions and gather their information	learner will understand the extent of the medieval period, different names for India ,major developments sources			
New kings and kingdoms	main political developments from 700 to 1200 CE, Tripartite struggle ,turko -Afghan invasions	citizenship and self direction	25th to 29th april	5	will show some different clothing ,cultures , food and infrastructure of different kings at their	will ask them about to identify the different monuments and foods that to which region and from Which	pictures and videos	respect		will ask them to prepare a chart of diversity of cultures and infrastructure of different kingdoms	learner will able to understand political developments from 700 to 1200 CE, Tripartite struggle ,turko -Afghan invasions			
Environment and its totality	environment and its components ,dynamism of the environment, harmful effects of human activities on the environment and sustainable	global environment awareness	2 nd to 6th may	5	will show them the different layers of atmosphere by showing videos .	will show them a video of moving Aeroplane and also with question that why it only moves it that particular layer	ppt	care and empathy	b	will ask them to make the different layers of atmosphere and their importance	learner will understand the environment and its components ,dynamism of the environment, harmful effects of human activities on the environment and sustainable			
Interior of the Earth	structure of the earth's interior ,tectonic plates and its boundaries ,Rocks and Minerals and Rock cycle	global awareness and critical thinking	9th to 13 th may	5	will show them the different layers of earth in depth to the crust .	will ask them about volcano that why we experience most hot temperatures there and also from where	ppt	care and resilience		Na	learner will understand the structure of the earth's interior ,tectonic plates and its boundaries ,Rocks and Minerals and Rock cycle			
Democracy	evolution of democracy ,forms of democracy ,main trust of democracy, and problem of inequality	self direction and initiative	16th to 20 th may	5	will show them a video of a small village where all people have right to chose a leader for them Which will reflect	will ask them to compare the life of people of monarch time and of a	video	integrity and respect		Na	learner will understand the evolution of democracy ,forms of democracy ,main trust of democracy, and problem of inequality			
Representation of Democracy	Universal adult franchise elections role of political parties and calorithic government	independent learning and critical thinking	23rd to 27th may	5	will ask them to chose a monitor among them only and through what qualities they have chosen	will ask them about Abraham Lincoln and how they will relate the topic to his deeds .	pictures of the quality boards for a leader .	resilience and honesty		will ask them to make quality boards that a leader or representative should have	learner will understand the Universal adult franchise elections role of political parties and calorithic government			



	SUE	ENGLISH			GRADE 7						
LINN	OBJECTIVE TO BE ACHIEVED	COMPETENCIES	DATE OF START & END	NUMBER OF PERIODS	USE OF INNOVATIVE STRATEGY	CHECKING PREVIOUS KNOWLEDGE	RESOURCES USED	VALUE DERIVED	CROSS CURRICULAR APPROACH TO BE LINK WITH INNOVATION AND GLOBAL CULTURE	ELEMENT OF INNOVATION	LEARNING OUTCOME
Unit 2 On the Move Ch 4- Those Six day:	At the end of the lesson students will learn the importance of dairy writing	Developing observation	20/06/22- 25/06/22	5	Student centric	Have they ever been on a road trip	charts, videos, worksheet, textbook	Importance of dairy entry	Ask them share experience of any road trip	Importance of dairy entry	students learned about the concerned text
Ch 5- Around the world in 80 days	At the end of the lesson students will learn how Fogg tries to win the bet	The possibility/probabili ty of going around the globe in eighty days.	27/06/22- 02/07/22	6	Student centric	Do they know about the author.	textbook and woksheet	How challenging oneself can improve one's personality	some other value developed while fulfilling the process of challenges	Benefits of challenging oneself	students learned about the concerned text
Ch- 6 A Trek Through the Himalayas	At the end of the lesson the students will learn about the difficulties of trekking in Himalayas	Experiences we gain while overcoming difficulties of life	04/07/22- 09/07/22	6	Student centric	Have they ever been on the trek.	charts ,text book ,worksheets	Experiences of life through the hardships	Ask them to share their experience of any trekking	Joy of overcoming hardship of life	students learned about the concerned text
Unit-3 A laugh Riot Ch 7- Henry: A Chameleon	At the end of the lesson the student:	Will know about the Weird behavior of reptile	11/07/22- 16/07/22	6	Student centric	Have they ever observed how the chameleon behave	charts, videos, worksheet, textbook	highlight the human-a	Bonds between the pets and his master	Will develop empathy t	students learned about the concerned text
Ch 8- Packing for the Journey	At the end of the lesson students wi	Will know that pack	18/07/22- 23/07/22	5	Student centric	What are does and don	textbook and woksheet	Will know the basics of packaging	It is an extraction from the novel 'Three Men in a Boat'	Will know how organizing things properly makes life easy	students learned about the concerned text
Ch9- Foolish Questions	At the end of the lesson students will learn that the questions asked in this poem are not intelligent and that they don't need any answers because there aren't any	Will know thatvthe author is enumerating all the different parts of the hody that have	25/07/22- 30/07/22	6	Student centric	Do they the the different meanings of the body parts	charts ,text book ,worksheets	Will know the different meanings of the body parts	Do they know any other work by William cole	Will develop Wisdom,acceptance, kindness and forgiveness	students learned about the concerned text
Unit 4: Ch10- One Earth to One World	At the end of the lesson the students will know some very important issues regarding the planet earth	Will learn how to live in it as we have only one earth	01/08/22- 09/08/22	6	Student centric	Do they know about the unequal distribution of the earth's resources	charts, videos, worksheet, textbook	Will know the concern about the planet earth	Will learn about sustainable ways to use resources	Will learn about sustainable ways to use resources	students learned about the concerned text
Ch 11- The Stranger	At the end of the lesson students will know about the meaninglessness of humanlife	Will learn about the importance of physical experience	10/08/22- 18/08/22	6	Student centric	Their experience with any stranger they have met	charts ,text book ,worksheets	Will know the importance of relationships	Physical experience over mental analysis	Will learn how being authentic is important in life	students learned about the concerned text
Ch 12- Where the Mind is Without fear	at the end of the lesson students will learn about the poet's vision of freedom for his country	Mind without fear can easily stand the test of time	18/08/22- 27/08/22	6	Student centric	Have they read any work of RB Tagore	charts ,text book ,worksheets	Will understand the importance of life full of dignity and honour	Have they read any work of RB Tagore	Mind without fear can easily stand the test of time	students learned about the concerned text
Unit 5: Hullo, Mr.Ghost! Ch 13- Sir Lawley's ghost	At the end of the lesson students will learn about the popular ghost story in the school	Will learn why the lawleys school was ideal for ghosts	29/08/22-07/09	5 6	Student centric	Have they heard any popular ghost story	charts, videos, worksheet, textbook	Will know the story behind Sir Lawley Ghost	have they had any ghost experience before	Analytical ability of student increases	students learned about the concerned text
Ch 14 - The Ghost of the Christmas yet to come	At the end of the lesson students will know how ghost helps Scrooge to foresee future events.	Will know the summary of the chapter	08/09/22-17/09	5 6	Student centric	Have they read A Christmas Carol	charts, videos, worksheet, textbook	Will know how to live life so that people will remember you for your goodness	have they had any ghost experience before	Analytical ability of student increases	students learned about the concerned text
Ch 15- The little Green Orchard	At the end of the lesson students wil	Will learn how the p	18/09/22-26/09	6 6	Student centric	have they read any oth	woksheet	Will know about the s	Will discuss the other works of t	l will understand the syn	students learned about the concerned text
Unit 6: Building Bridges Ch 16 - Apologize	! At the end of the lesson the student:	s Will know the impor	27/09/22-04/10	(6	Student centric	Any work of Socrates	charts ,text book ,worksheets	Democracy judgemer	Importance of apology	Critical thinking of stud	students learned about the concerned text
Ch 17- On Being Sarah	At the end of this lesson students wi	l Cerebral palsy	05/10/22-15/10	(6	Student centric	Do they know about ce	charts, videos, r worksheet, textbook	Hardships of Sarah	How to never give up	how any difficulty can r	students learned about the concerned text
Ch 18- The English Lesson	At the end of the lesson students wil	Words with similar s	16/10/22-25/10	C 6	Student centric	What problems do they	textbook and woksheet	Will learn how humou	Ask them about the difficulties f	Analytical ability of student increases	students learned about the concerned text
Unit 7: Pictures of the Past Ch19 Salim a	n At the end of the lesson students wil	Will know in detail a	26/10/22-03/1	1 6	Student centric	Are they familiar with S	charts ,text book ,worksheets	Will know about Skill	Do they know to play any instru	r Will learn about the Ra	students learned about the concerned text
Ch 20- Mahabalipuram	At the end of the lesson students wil	Will know about the	03/11/22-12/12	1 6	Student centric	have they ever visite M	textbook and woksheet	Knowledge about Diff	Similar architecture found acros	s importance of ancient a	students learned about the concerned text
Ch- 21 The Fabulous, Fabled Silk Road	At the end of the lesson students wi	Will know the histor	12/11/22-22/1	1 6	Student centric	Do they know about sil	charts ,text book ,worksheets	Will know the process	Sericulture and Sil route	Will about the silk and	students learned about the concerned text
Grammar - Worksheet	Students will be able to solve the worksheet	Collaboration/team work.	23/11/22-10/12	2 8	techniques to solve unseen passage	techniques to solve unseen passage	charts, videos, worksheet	Grammatical knowledge of student increases	students solve the questions based on the same	critical thinking	students learned about the concepts related to the text
Grammar - Worksheet 2	Students will be able to solve the worksheet	Collaboration/team work.	11/12/22-22/12	2 8	techniques to solve unseen passage	techniques to solve unseen passage	charts,videos, worksheet	analytical ability of the student increases	students solve the questions based on the same	analytical thinking	students learned about the concepts related to the text



Grade:- 7. Subject:- Hindi &	Grammar										
LINN	OBJECTIVE TO BE ACHIEVED	COMPETENCIES	DATE OF START & END	NUMBER OF PERIODS	USE OF INNOVATIVE STRATEGY	CHECKING PREVIOUS KNOWLEDGE	RESOURCES USED	VALUE DERIVED	CROSS CURRICULAR APPROACH	ELEMENT OF INNOVATION	LEARNING
पाठ-4 सच्ची भित्रता (कविता)	सहानुभूति, सहयोग की भावना को जानेगा	कविता का भाव तथा अर्थ ग्रहन कराना	20 June to24 June	5	विद्यार्थी कॅंद्रित	बच्चे रामचरित मानस को पहले से कितना जान रहे थे	पुस्तक	बच्चों को सहयोग की भावना ,सच्ची मित्रता से लाभ को समझने का प्रयास करेंगे	श्री कृष्ण सुदामा की मित्रता को पढ़ने के लिए प्रेरित करूंगी	प्रेरणात्मक	बच्चों में सच्ची मित्रता का लाभ होगा
शब्द विचार (व्याकरण)	बच्चों में शब्द संबंधित बोध विकसित कराना	शब्द का अर्थ शब्द का वर्गीकरण एवं उनका परिचय			विद्यार्थी केंद्रित	बच्चे हिंदी शब्द विचार से पूर्व परिचित थे	पाठ्य पुस्तक	शब्द बोध विकसित कराना	शब्द विचार को पढ़ने के लिए प्रेरित करूंगी	व्याकरण बोध	बच्चों में शब्द विचार एवं व्याकरण की समझ विकसित होगा
पाठ: 5 ईसा मसीह जीवनी	प्रेम भाईचारा सहिष्णुता को जानना	ईसा मसीह के जीवन पर विस्तार से प्रकाश डालूंगी	27 June to 1 July	5	विद्यार्थी केंद्रित	बच्चे पूर्व से ईसा मसीह को कितना जानते थे	पुस्तक	महान व्यक्ति की महत्ता आदर्श जीवन नम्रता के महत्व को सिखा दूंगी	मोहम्मद साहब के जीवन को पढ़ने के लिए प्रेरित करूंगी	शिक्षाप्रद	बच्चों में अच्छे व्यक्तित्व का विकास होगा
प्रत्यय (व्याकरण)	प्रत्यय की पहचान	प्रत्यय की परिभाषा प्रत्यय के भेद को जानना			विद्यार्थी केंद्रित	बच्चे प्रत्यय को पहले से कितना जान रहे थे	पुस्तक	प्रत्यय की परिभाषा प्रत्यय एवं उसके प्रकार तद्धित प्रत्यय को बताऊंगी	हिंदी व्याकरण को पढ़ने के लिए प्रेरित करूंगी	वर्णनात्मक	बच्चों में प्रत्यय पहचान का ज्ञान होगा
पाठ ६ हेरफेर (व्यंग)	व्यंग को समझना	समाज की मानसिकता पर व्यंग को जानना	4 July to 8 july	5	विद्यार्थी केंद्रित	बच्चे पूर्व से हेरफेर को कितना जानते थे	पुस्तक	मानव मन की चिंतन धारा को बताऊंगी	निराला की कविता कुकुरमुत्ता को पढ़ने के लिए प्रेरित करूंगी	व्यंगात्मक	बच्चों में चरित्र का विकास होगा
उपसर्ग (व्याकरण)	उपसर्ग को जानना	उपसर्ग की परिभाषा संस्कृत हिंदी अंग्रेजी और अरबी उपसर्ग का अर्थ समझना			विद्यार्थी केंद्रित	पहले से उपसर्ग के बारे में जानकारी	पुस्तक	बच्चे को उपसर्ग के अर्थ उदाहरण सहित बताऊंगी	हिंदी व्याकरण पढ़ने के लिए प्रेरित करूंगी	शब्द रचना	बच्चों में उपसर्ग जोड़कर शब्द बनाने का ज्ञान होगा
पाठ 7 हमें ना बांधो प्राचीरों से (कविता)	बंधन मुक्त जीवन की लालसा	भाव समझाना स्वच्छंद जीवन की महिमा परतंत्रता की पीड़ा को समझ आउंगी	11 July to 15	05	विद्यार्थी केंद्रित	बच्चों को पूर्व से स्वतंत्रा के बारे में कितना जानकारी थी	पुस्तक	बच्चों को खच्छंद जीवन की महिमा का वर्णन करेंगी	सर्वेश्वर दयाल सक्सेना की कविता मुक्त की आकांक्षा पढ़ने के लिए प्रेरित करूंगी	काव्य संकलन	बच्चों में परतंत्रता को समझने का ज्ञान होग।
समास व्याकरण	समाज परिचय भेद समास विग्रह की जानकारी	समाज की परिभाषा समास के भेद एवं अंतर को बताऊंगी			विद्यार्थी केंद्रित	बच्चों में पूर्व से समाज के बारे में कितनी जानकारी थी	पुस्तक	समास विग्रह समस्त पद समास के भेद को बताऊंगी	हिंदी व्याकरण को पढ़ने के लिए प्रेरित करूंगी	वर्णनात्मक	बच्चों में समास को समझने का ज्ञान होगा
पाठ ८ क्या निराश हुआ जाए निबंध	बेईमानी और भ्रष्टाचार निराशा और अधिकार के बीच प्रकाश डालना	निष्कर्ष निकालना सामाजिक असंतुलन सुधार को बताऊंगी			विद्यार्थी कॅंद्रित	पूर्व से बच्चे निबंध से कितना परिचित थे	पुस्तक	भ्रष्टाचार निराशा अंधकार को समझ आऊंगी	बच्चों को ईमानदारी पर आधारित निबंध पढ़ने के लिए प्रेरित करूंगी	सच्चाई और अध्यात्मिकता	बच्चों में सच्चाई ईमानदारी का विकास होगा
व्याकरण संज्ञा	संज्ञा शब्द का ज्ञान	संज्ञा की परिभाषा संज्ञा के भेद व्यक्तिवाचक एवं जातिवाचक में अंतर			विद्यार्थी कॅंद्रित	बच्चे पूर्व से संज्ञा को क्या जान रहे थे	पुस्तक	व्यक्तिवाचक एवं जातिवाचक संज्ञा को बताऊंगी	ट बच्चों को हिंदी व्याकरण पढ़ने के लिए कहूंगी	वर्णनात्मक	बच्चों में संज्ञा को समझने का विकास होगा
पाठ 9 गोदर साईं कहानी	निराले अद्भुत व्यक्तित्व प्रभावशाली चित्रण	शब्दार्थ वात्सल्य प्रेम दिव्य मानवीय गुण को समझाऊं गी			विद्यार्थी केंद्रित	बच्चे पूर्व से गुजर साईं को क्या जानते थे	पुस्तक	बच्चों को अद्भुत व्यक्तित्व का वर्णन बताऊंगी	बच्चों को अन्य कहानी पढ़ने के लिए प्रेरित करूंगी	शिक्षाप्रद	बच्चों में अच्छे व्यक्तित्व का विकास होगा
व्याकरण लिंग	लिंग पहचान एवं प्रयोग	लिंग के भेद उसकी पहचान एवं नियम को बताऊंगी			विद्यार्थी कॅंद्रित	बच्चे पूर्व से लिंग को क्या जानते थे	पुस्तक	लिंग परिवर्तन के नियम का ज्ञान कर आऊंगी	हिंदी व्याकरण पढ़ने के लिए प्रेरित करूंगी	न व्याकरण बोध	बच्चों में लिंग की पहचान का विकास होगा
पाठ 10 हिमालय की चोटी पर कविता	उत्साह और जोश को जानेगा	भावार्थ उद्देश्य इच्छाशक्ति अदम्य साहस एवं व्याकरण बोध			विद्यार्थी केंद्रित	बच्चे पूर्व से हिमालय को कितना जानते थे	पुस्तक	उद्देश्य इच्छाशक्ति साहस एवं व्याकरण कोशिक आऊंगी	रामधारी सिंह दिनकर की कविता हिमालय पढ़ने के लिए प्रेरित करूंगी	कविता आधारित	बच्चों में इच्छाशक्ति का विकास होगा
व्याकरण पाठ 10 वचन	वचन को जानेगा	वचन की परिभाषा वचन के भेद वचन बदलने के नियम को जानेगा			विद्यार्थी केंद्रित	बच्चे में पूर्व से बचन की क्या जानकारी थी	पुस्तक	बच्चों को बचन की पहचान वचन बदलने के नियम को बताऊंगी	व्याकरण पढ़ने के लिए प्रेरित करूंगी	व्याकरण बोध	बच्चों में वचन को समझने का विकास होगा
पाठ 11 दक्षिण गंगा गोदावरी यात्रा वृतांत	गोदावरी के महत्व को जानना	शब्दार्थ नदी की महत्ता शीतलता भारतीय संस्कृति एवं व्याकरण बोध			विद्यार्थी केंद्रित	बच्चे पहले से गोदावरी को कितना जानते थे	पुस्तक	गोदावरी के महत्व को बताऊंगी	गंगा नदी को जानने के लिए कहूंगी	यात्रा वृतांत पर आधारित	बच्चों में नदी की महत्ता को जानने का विकास होगा
व्याकरण कारक	बच्चे कारक को जानेगा	कारक की परिभाषा कारक के भेद कारक के चिन्ह को बताऊंगी			विद्यार्थी केंद्रित	बच्चे पहले से कारक के बारे में क्या जानते थे	पुस्तक	कारक कारक के महत्व एवं अंतर को बताऊंगी	व्याकरण को पढ़ने के लिए प्रेरित करूंगी	व्याकरण बोध	कारक को जानने का विकास होगा
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	SUBJECT	Mathematics	IGHT E LILLOWINE LINSP	inc.		GRADE 7							
UNIT AND THEME	OBJECTIVE TO BE ACHIEVED	COMPETENCIES	DATE OF START & END	NUMBER OF PERIODS	USE OF INNOVATIVE STRATEGY	CHECKING PREVIOUS KNOWLEDGE	RESOURCES USED	VALUE DERIVED	CROSS CURRICULAR APPROACH TO BE LINK WITH INNOVATION AND GLOBAL CULTURE	ELEMENT OF INNOVATION	LEARNING OUTCOME		
1. KNOWING OUR NUMBERS	*Division of integers *multiplying integers *properties of integers	Independent Learning	18 april to 22 april	5	Draw the concept map of INTEGERS and make a table chart for different properties of integers	Number knowledge and their types, all about integers - positive integers, negative integers and zero and their representation on number line	cardboard, white chart paper,graph strips, scissors , glue different coloured pencil,	INTEGRITY	in computer -nwe can check that if a number in excel is an Integer.	To verify that addition and multiplication of whole number is commutative	All students abled tounderstand the division (integers, multiplication of integers and the properties of integers		
2. FRACTION	*Reciprocal of a fraction *Multiplication of fraction *Division of fraction	Critical Thinking	25 to 6 may	7	A PPT Presentation on it, and concept map of fraction	types of fraction- proper, improper fraction, mixed fraction, like andunlike fraction and question based on them	white chart paer, soft cardboard,ruler,pencil, sketch pens, scissors	Honesty	in computer this can help in the writing fraction in HTML. With the help of fraction we can calculate different parts of any object.	with an activity- To find fraction equivalen to a given fraction	t al students will able to understand the Reciprocal of a fraction , Multiplication of fraction and Division of fraction		
3. Rational Numbers	*What is rational numbers * Types of rational numbers *Rational number on number line *Standard form , absolute value and equivalent form of rational number, *Comparison of ratioal numbers *Addition, subtraction, multiplication and division of rational numbers, * Rational numbers as decimals *Rule to find terminating or non- terminating repeating decimals	Critical Thinking	9 to 18 may	7	explain with the help of venn diagram of number, and concept map of rational numbers	about numbers - like natural number, whole numbers, integers and recap exercise	square sheet, sketch pens of different colours.	Care	rational numbers are used frequently in many areas of mathematics as well as the sciences and even in the humanities. Because life is not always explained using whole numbers understanding how decimals and fractions work is pivotal for understanding trends in geography and business. Additionally, rational numbers are used extensively in the calculations students will be expected to do in Chemistry, Physics, and Biology. Square roots are also often present in scientific formulae	through an activity - find the sum of two rational number with same denominator	all students will abled to understand "What is rational numbers * Types of rational numbers "Rational number on number line * Standard form, absolute value and equivalent form of rational number, * Comparison of ratioal numbers * Addition, subtraction, multiplication and division of rational numbers, * Ratrional number between two rational numbers * Rational numbers as decimals * Rule to find terminating or non- terminating repeating decimals		
4. DECIMALS	*Division of decimals fraction *multiplying decimals fraction *conversion of units	Problems Solving	4 to 8 july	5	explain with the help of video presentation and presentation of ppt	about the parts of decimal representation, comparing and ordering decimals and smal recap exercise	3 cardboards, 3 white chart paper, ruler, pencil, eraser, adhesive,three sketch pens of different colours	Tolerance	decimals are used in develop financial capability, also uses ICT to solve problems and/or present their work.	through an activity - represent a decimal numbers using a grid paper	all students able to understand the concept of decimals and *DIvision of decimals fraction *multiplying decimals fraction *conversion of units		
5. EXPONENTS AND POWERS	*Use of exponents in expressing *laws of exponents *large numbers	Critical Thinking	11 to 15 july	5	explain with concept map of and an activity based on it different formulas of exponents and powers	square and square root of numbers 1 to 20	3 cardboards, 3 white chart paper, ruler, pencil, eraser, adhesive, three sketch pens of different colours	INTEGRITY	use of exponents and powers in expressing large numbers in a scientific notation.	through an activity - to find the value of a raise to the power n using paper folding	all students will able to understand the concept of exponents and powers ,Use of exponents in expressing *laws of exponents *large numbers		
6. ALGEBRAIC EXPRESSION	*Types of algebraic expression, *fraction of an Algebraic expression * addition of algebraic expressions *subtraction of algebraic expression * simplification of algebraic expression * evaluting algebraic expression	Critical Thinking	20 to 28 july	7	explain with the video presentation and also with the concept map of algebric expression	meaning of algebra , varaible coefficient and about constast , meaning of several different ways to describe expression with words and a recap exercise	cardboads, chart paper, match sticks and glue	Tolerance	in computer it helps in coading ND DECODING	through an activity make an algebric expression through a amthchstics	all students will able to understand the meaning of linear equation in one variable, *Types of algebraic expression, *fraction of an Algebraic expression *addition of algebraic expressions *subtraction of algebraic expression * simplification of algebraic expression * evaluting algebraic expression		
7. SIMPLE LINEAR EQUATIONS	*what is an equation *solving an equation *linear equation in one variable	Problems Solving	1 to 5 aug	5	EXPLAIN with the help of concept map and video presentation of the simple linear equations	difference between expression and equations and the recap exercise	square sheet, sketch pens of different colours.	Care	it helps in balancing the quantity and also help in the finding the value of the unknown quantity	through an activity of balancinbg find the unknown quantity	all students will able to understand that what is an equation "solving an equation "linear equation in one variable		
8. COMMERCIAL MATHEMATICS	*Ratio *proportion *Unitary Method *perCent *Profit and loss *Simple Interest	Problems Solving	9 to 19 aug	6	explain the help of ppt presentation and expalin the simple process through A STORY	findiNG RATIO- simplest and equivalent ratio and proportionaland the recap exercise	cardboads, chart paper, match sticks and glue	Honesty	it helps in the commercial world for calculating profit loss, percentage , and interest	through an activity of purchaseing some items and calculate the profit and loss	all students ill able to understand the *Ratio *proportion *Unitary Method *perCent *Profit and loss *Simple Interest		
9. LINES AND ANGLES	*Basic concept about line *Transversal lines *Pairs of nangles	Creativity	22 to 26 aug	5	explain with the help of ppt presentation and using geometrical shapes and concpt map of lines and angles	about parallel limnes, angles , and a short recap exercise	thick paper, pencil/ pen	Respect	helps for the drawing different geometrica figure in construction of a building	through an activity - to draw a perpendicular to a line from a point not or it. By paper folding	all students will able to understand the *Basic concept about line *Transversal lines *Pairs of nangles		
10. PROPERTIES OF TRIANGLES	*Basic concept about triangles *Types of triangles on the basis of sides *Types of triangles on the basis of angles * Angles of triangles *Angle sum property of a triangle * Exterior angle property *Sum of two sides of a triangle *Pythagoras Theorem	Critical Thinking	29 to 9 sep	7	explain with the help of book and video presentation	about triangles , interior and exterior part of a triangle , altitude median of a triangle	thick paper , pencil/ pen , ruler, scissors	Respect	help in finding the area of a buliding in a triangular shapes	to obtain angle bisector of an angle by paper folding	all students will able to understand the "Basic concept about triangles "Types of triangles on the basis of sides "Types of triangles on the basis of angles" Angles of triangles "Angle sum property of a triangle "Exterior angle property "Sum of two sides of a triangle "Pythagoras Theorem		
11. SYMMETRY	*Meaning of symmetry *Point symmetry *Rotational symmetry * Figures with both reflection and rotational symmetry	Creativity	12 to 14 sep	3	explain with the help of different pictorial representation	line of symmetry , reflection symmetry , and a short recap exercise	white chart paper, soft cardbo	aTolerance	help in finding the similar figure	to find the lines of symmetry of a figure by paper folding	all students will able to understand theMeaning of symmetry *Point symmetry *Rotational symmetry * Figures with both reflection and rotational symmetry		
12. REPRESENTING 3D IN 2D	*Meaning of 2D and 3D * faces, Edges, and Vertices of 3D shapes *Drawing solid shapes * Drawing 3Dshapes on squared paper *net of 3Dshapes *Matching pictures with objects *Mapping the Space Around through visual estimation * Visualising solid objects	Critical Thinking	22 to 30 sep	7	explain with the help of diagrametical representation of different 2d and 3d objects	2d shapes objects , 3d shapes objects and a short recap exercise	cardboard , ruler, pencil, colours , adehesive glaze paper	INTEGRITY	in art and drawing it helps in the representing 2d figure inb the 3d	to obtain formula for the area of rectangle	all students will able to u nderstand the Meaning of 2D and 3D * faces, Edges, and Vertices of 3D shapes *Drawing solid shapes * Drawing 3Dshapes on squared paper *net of 3Dshapes *Matching pictures with objects *Mapping the Space Around through visual estimation * Visualising solid objects		
13. CONGRUENCE	*Congruence *congruence of plane figures *congruence of triangles	creativity	10 to 14 oct	5	explain with the help of different congruence figure	figure of same shape and size	cycle spokes/ wooden sticks/ tooth picks etc., valve tube	INTEGRITY	in the drawing	to establish the fact that triangle is the most rigid figures	all students will able to understand the		
14. CONSTRUCTION 15. PERIMETER AND AREA	*Constructioin of triangles * construction of parallel lines *perimeter *Concept of area *Area between two rectangles *Circle *Area of a circle	Creativity Problems Solving	17 to 21 oct 2 to 17 nov	5	explain with the help of construction make a chart of area and perimeter of different geometrical figure	about the different instruments of a geometrical bix perimeter of square , rectangle and triangle	cardboard , ruler, pencil, colou cardboard , white chart paper,graph strips, scissors , glue different coloured pencil, eraser adesive, c0l0urs,	Care f Honesty	helps I n the drawing helps in contructing the shape and size	to explain RHS criterion for congruency of two right trisangles	all students will able to understand the Construction of triangles * construction of all students will able to understand the concept of perimeter "concept of area * Area between two rectangles *Circle *Area of a circle		
16. DATA HANDLING	*Categories of data *collection of data *organisation of datsa *construction of bar graphs *measures of central tendency *probability *randomness	Problems Solving	1 to 9 dec	7	video representation of different representation of graph	collection and organisation of data , what are raw data secoundary and primary data, frequemcy distribution table and recap exercise	bag, balls of the same size but different colours, pen/ pencil.	Honesty		through an activity - to understand the meaning of less likely and more likely of the outcome of an experiment.	all students will able to understand the concept of statistics and probability, "Categories of data "collection of data "organisation of datsa "construction of bar graphs "measures of central tendency "probability "randomness		

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	SUBJECT SOCIAL STUDIES						GRADE 6						
UNIT and THEME	OBJECTIVE TO BE ACHIEVED	COMPETENCIES	DATE OF START & END	NUMBER OF PERIODS	USE OF INNOVATIVE STRATEGY		CHECKING PREVIOUS KNOWLEDGE	RESOURCES USED	VALUE DERIVED	CROSS CURRICULAR APPROACH TO BE LINK WITH INNOVATION AND GLOBAL CULTURE	ELEMENT OF INNOVATION	LEARNING OUTCOME	
THE FIRST FARMERS AND HERDERS	LEARNER WILL UNDERSTAND THE IMPLICATIONS OF FARMING AND HERDING	GLOBAL AWARENESS	20th June to 24th june	5	WILL SHOW THEM THE TOOLS USED IN FARMING IN EARLIER TIMES.		THROUGH CROSS QUESTIONING AND SHORT QUIZ	PICTURES, VIDEOS AND TEXTBOOK	RESPECT AND INTEGRITY	SCIENCE	PICTURES AND TEXTBOOK	LEARNER WILL UNDERSTAND THE IMPLICATIONS OF FARMING AND HERDING	
THE FIRST CITIES	LEARNER WILL UNDERSTAND THE RISE AND EXTEND OF ANCIENT CIVILIZATIONS.	GLOBAL AWARENESS	27th June to 1st july	6	WILL ASK THEM THAT ACCORDING TO THEIR KNOWLEDGE HOW HOUSES ARE BUILT AND THEIR TYPES		THROUGH SHOWING THEM SOME PICTURES OF THOSE TIME OF THEIR PREVIOUS CHAPTER TO RELATE	PICTURES, VIDEOS AND TEXTBOOK	RESPECT AND INTEGRITY	POLITICAL SCIENCE	VIDEOS, PICTURES AND TEXTBOOK	LEARNER WILL UNDERSTAND THE RISE AND EXTEND OF ANCIENT CIVILIZATIONS.	
DIFFERENT WAYS OF LIFE	LEARNER WILL UNDERSTAND THE ADVENT OF THE ARYANS AND THE VEDAS	CULTURAL AWARENESS	4th July to 8th July	5	WILL SHOW THEN SOME PICTURES RELATED TO VEDAS AND SOME		THROUGH CROSS QUESTIONING ON THE BASIS OF PICTURES, VIDEOS AND SHORT	PICTURES, VIDEOS AND TEXTBOOK	RESPECT AND EMPATHY	ANCIENT INSCRIPTION OF DIFFERENT AGES	VIDEOS, PICTURES AND TEXTBOOK	LEARNER WILL UNDERSTAND THE ADVENT OF THE ARYANS AND THE VEDAS	
GLOBES AND MAPS	LEARNER WILL UNDERSTAND ADVANTAGES AND DISADVANTAGES OF GLOBES AND MAPS	CRITICAL THINKING	11th July to 15th July	4	WILL MAKE THE SEE A ORIGINAL GLOBE AND WILL ASK THEM TO LOCATE THEIR COUNTRY ON THE		THROUGH CROSS QUESTIONING ON THE BASIS OF VIDEOS, CHARTS AND PICTURES TO RELATE THE TOPIC	PICTURES, VIDEOS AND TEXTBOOK	INTEGRITY	STRUCTURE AND FORMATION OF EARTH TO UNDERSTAND THROUGH GLOBE ,SCIENCE	VIDEOS, PICTURES AND TEXTBOOK	LEARNER WILL UNDERSTAND ADVANTAGES AND DISADVANTAGES OF GLOBES AND MAPS	
LATITUDES AND LONGITUDES	LEARNER WILL UNDERSTAND GEOGRAPHICAL GRIDS ,LATITUDES, LONGITUDES AND THEIR RELATION WITH TIME	CRITICAL THINKING	18th July to 22nd July	5	WILL SHOW THEM SOME TIMES ON CLOCK OF DIFFERENT COUNTRIES		THROUGH CROSS QUESTIONING ON THE BASIS OF SOME PICTURES AND VIDEOS	PICTURES, VIDEOS AND TEXTBOOK	CARE AND RESPECT	SCIENCE (physics)	VIDEOS, PICTURES AND TEXTBOOK	LEARNER WILL UNDERSTAND GEOGRAPHICAL GRIDS ,LATITUDES, LONGITUDES AND THEIR RELATION WITH TIME	
ROTATION AND REVOLUTION	LEARNER WILL UNDERSTAND MOVEMENT OF THE EARTH AND ITS EFFECTS.	GLOBAL AWARENESS AND CRITICAL THINKING	25th July to 29th July	5	WILL SHOW THEM A LIVE PROCESS OF REVOLUTION AND ROTATION THROUGH		THROUGH DIAGRAMS AND VIDEOS AND WILL ASK SOME QUESTIONS RELATED TO THAT	PICTURES, VIDEOS AND TEXTBOOK	CARE AND RESPECT	SCIENCE (physics)	VIDEOS, PICTURES AND TEXTBOOK	LEARNER WILL UNDERSTAND MOVEMENT OF THE EARTH AND ITS EFFECTS.	
DIVERSITY, DISCRIMINATION AND EQUALITY	LEARNER WILL UNDERSTAND THE FUNDAMENTAL RIGHTS.	GLOBAL AWARENESS AND CRITICAL THINKING	1st Aug to 5th Aug	5	WILL ASK THEN SOME QUESTIONS ABOUT DIFFERENT STATES AND THEUR LANGUAGES TO RELATE THE TOPIC		THROUGH CROSS QUESTIONING ON THE BASIS OF SOME VIDEOS RELATED TO DIVERSITY.	PICTURES, VIDEOS AND TEXTBOOK	CARE AND RESPECT	THROUGH THE FOREST WILDLIFE,SCIENCE	VIDEOS, PICTURES AND TEXTBOOK	LEARNER WILL UNDERSTAND THE FUNDAMENTAL RIGHTS.	
GOVERNMENT	LEARNER WILL UNDERSTAND THE NEED FOR A GOVERNMENT AND ITS FORMS .	CITIZENSHIP AND GLOBAL AWARENESS	9th Aug to 19th Aug	8	WILL MAKE THEM UNDERSTAND ABOUT THE SCHOOL CABINETS TO RELATE THE TOPIC		THROUGH CROSS QUESTIONING ABOUT THE SCHOOL CABINET SYSTEM TO RELATE TOPIC	PICTURES, VIDEOS AND TEXTBOOK	CARE, RESPECT AND RESILIENCE	SCHOOL CABINET SYSTEM ,POLITICAL SCIENCE	VIDEOS, PICTURES AND TEXTBOOK	LEARNER WILL UNDERSTAND THE NEED FOR A GOVERNMENT AND ITS FORMS .	
PANCHAYAT RAJ	LEARNER WILL UNDERSTAND THE ELECTION PROCESS ,DECISION- MAKING AND ROLE OF GRAM PANCHAYAT	CITIZENSHIP AND GLOBAL AWARENESS	21st Aug to 26th Aug	5	WILL MAKE THE UNDERSTAND ABOUT SCHOOL CABINET SYSTEM TO RELATE THE TOPIC		THROUGH CROSS QUESTIONING ABOUT THE SCHOOL CABINET SYSTEM TO RELATE TOPIC	PICTURES, VIDEOS AND TEXTBOOK	CARE, RESPECT AND RESILIENCE	SCHOOL CABINET SYSTEM ,POLITICAL SCIENCE	VIDEOS, PICTURES AND TEXTBOOK	LEARNER WILL UNDERSTAND THE ELECTION PROCESS ,DECISION-MAKING AND ROLE OF GRAM PANCHAYAT	

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SUBJECT COMPUTER GRADE DATE OF START & END CHECKING PREVIOUS KNOWLEDGE CURRICULAR APPROACH TO BE LINK WITH INNOVATION AND GLOBAL CULTURE USE OF INNOVATIVE STRATEGY OBJECTIVE TO BE ACHIEVED COMPETENCIES RESOURCES USED NUMBER OF PERIODS UNIT AND THEME VALUE DERIVED CROSS UNIT 2 (MORE ON MS THEY WOULD BE ABLE TO CRITICAL THINKING 27/6/22 TO GROUP DISSCUSSION ASK THEM ABOUT BOOKS AND LAB COMPUTATIONAL HOW WILL YOU COMPARE LAB: CRE WINDOWS 7) UNDERSTAND ABOUT WINDOWS 8/7/22 AND LAB PRACTICE SOME WINDOWS AND LOGICAL SKILLS. WINDOWS LIBRARIES TO THE FOLDER I VERSIONS NAME. REAL LIFE LIBRARIES. (C:) DRIVE IT 'MY FO UNIT 3 (MORE ON MICROSOFT THEY WOULD BE ABLE TO DIGITAL 11/7/22 TO LAB PRACTICE WHY WE ARE USING LAB AND BOOK COMPUTATIONAL SUPPOSE DATA YOU ARE A WRITE TH EXCEL 2010) UNDERSTAND ABOUT FORMULAE COMPETENCE 6/8/22 EXCEL? AND LOGICAL SKILLS. MANAGER OF A COMPANY EXCEL FU AND FUNCTIONS WANTS TO NAME ON PAPER AN THEIR US UNIT 4 (CHART IN MICROSOFT THEY WOULD BE ABLE TO PICTURE QUIZ BOOKS AND LAB COMPUTATIONAL SUPPOSE DATA YOU ARE A DIGITAL 9/8/22 TO TELL ME SOME make a ch IΛ. COMPETENCE EXCEL 2010) UNDERSTAND ABOUT TOPIC. 26/8/22 FUNCTIONS NAME AND LOGICAL SKILLS. MANAGER OF A COMPANY "types of WHICH WE ARE USING WANTS TO ,write abo IN EXCEL. features CRITICAL THINKING 29/8/22 TO GROUP DISSCUSSION BOOKS AND PPT COMPUTATIONAL UNIT 5 (COMPUTER VIRUS) THEY WOULD BE ABLE TO COMPARE COMPUTER VIRUS QUIZ COLLECT UNDERSTAND ABOUT TOPIC. AND LOGICAL SKILLS. TO THE REAL LIFE VIRUS 14/10/22 **INFORMA** DIFFEREN VIRUSES CHART OF UNIT 6 (LEARN TO USE ADOBE THEY WOULD BE ABLE TO CRITICAL THINKING (10/10/22 TO 6 QUIZ HAVE U EVER PLAYED BOOKS AND PPT COMPUTATIONAL YOUR FRIEND WANTS TO BE AN DRAW AN FLASH PROFESSIONAL C56) UNDERSTAND ABOUT TOPIC. DIGITAL 21/10/22) GAME ON THE AND LOGICAL SKILLS. ANIMATOR WHO CREATES WHATEV COMPETENCE (2/11/22 TO COMPUTER. ANIMATION. SUGGEST HIM THE WANT US 11/11/22) SKILLS REQUIRED FOR THE PREPARE UNIT 7 (MORE ON INTERNET) THEY WOULD BE ABLE TO CRITICAL THINKING 1/12/22 TO SHORT QUIZ SHORT QUESTION BOOKS COMPUTATIONAL YOU HAVE BOUGHT A LAPTOP 16 VARIOUS UNDERSTAND ABOUT TOPIC. 22/12/22 AND LOGICAL SKILLS. THAT DON'T HAVE A LICENSED SYSTEM SOFTWARE AND ACCORDI OTHER APPLICATION USEFULN OFTAWRE HOW YOU CAN CATEGOR

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ELEMENT OF INNOVATION	LEARNING OUTCOME
ATE A NEW N LOCAL DISK E AND NAME DLDER'.	STUDENTS WILL BE ABLE TO UNDERSTAND ABOUT THE TOPIC.
HE DIFFERENT INCTIONS N THE CHART ND WRITE ES ALSO.	STUDENTS WILL BE ABLE TO UNDERSTAND ABOUT THE TOPIC.
hart about computer" out it's and paste	STUDENTS WILL BE ABLE TO UNDERSTAND ABOUT THE TOPIC.
ATION ABOUT IT TYPES OF AND MAKE A N IT.	STUDENT WIII ABLE TO UNDERSTAND ABOUT THE TOPIC.
N IMAGE ER YOU SING FLASH.	STUDENT WIII ABLE TO UNDERSTAND ABOUT THE TOPIC.
A LIST OF WEBSITES NG TO THEIR ESS. ALSO, RISE THE	STUDENT WIII ABLE TO UNDERSTAND ABOUT THE TOPIC.



	GRADE										
UNIT and THEME	OBJECTIVE TO BE ACHIEVED	COMPETENCIES	DATE OF START & END	NUMBER OF PERIODS	USE OF INNOVATIVE STRATEGY	CHECKING PREVIOUS KNOWLEDGE	RESOURCES USED	VALUE DERIVED	CROSS CURRICULAR APPROACH TO BE LINK WITH INNOVATION AND GLOBAL CULTURE	ELEMENT OF INNOVATION	LEARNING OUTCOME
Food from where (Service and consumer)	. To know about Photosynthesis. Autotrophic, heterotrphic, parasite and other modes of nutrition	Environmental care and awareness	19/04/2022- 25/04/2022	5	A group disscussion on mode of nutrition.	Short quiz, JAM,	Text book, Chart, Video	care	Chemical reaction for photosynthesis, MAST Programme (Medically associated science and tech)	PPT presentation on Photosynthesis. Virtual lab	. Student wqould know about Photosynthesis. Autotrophic, heterotrphic, parasite and other modes of nutrition
Utilisation of food (Service and consumer)	Types of nutrition in animals and digestion	Environmental care and self learning	20-06-2022- 25/6/22	6	Virtual lab experiment of effect of saliva on starch	Thunk, reverse questioning.	Active panel, Virtual lab,Text book	Tolerance and care	Different types of wool on the basis of geographical areas.	PPT, Virtual lab, Extra reading materials.	. Student wqould know aboutTypes of nutrition in animals and digestion
Materilas of daily use (Natural and processed materials)	Animal fibres, Process of extraction, Heat flow and temperature	Enterpreunership	27/6/22- 1/7/22	6	Debate on properteis counductor and insulator	question answer session	Pdf, activity kit, Virtual lab	Collaboration and team work	Compare between the different ranges of tempreture.	Text book, Charts, laboratory.	. Student wqould know aboutAnimal fibres, Process of extraction, Heat flow and temperature
Moving objects	Appreciation of idea of movemnt, time and measurement	Resilience	4/7/22- 8/7/22	5	Question developer	Reverse questioning, JAM,SORT QUIZ	Daily life experience, inches, measuring tape, ball erc.	Collaboration and team work	Different types measurement and standedrd unit of different countries	Text book, Charts, Reading materials.	. Student wqould know about Appreciation of idea of movemnt, time and measurement
Different kind of materials	Student will know about the different types of materials and concept of acid and base.	Enterpreunership	11/7/22- 16/7/22	5	Lab activity,	Short quiz, JAM,	Text book, Chart, Video	self learning	Materilas used in coins in earlier days and now.	lab, text book. Activity kit.	Student would know about the different types of materials and concept of acid and base.
Surrounding affects the living	Student will learn about the affcet of surronding on living being and adaptation.	Self learning	18/7/22- 27/7/22	8	Reserch on migratory birds.	Thunk, reverse questioning.	Active panel, Virtual lab,Text book	environmental care.	different climatic conditions of Indian states.	Pictures of animals and link related to topic.	Student would learn about the affcet of surronding on living being and adaptation.
How things change/React with one another	Student will know about the different types of changes.	Critical thinking	1/8/22- 5/8/22	5	Daily life changes	question answer session	Pdf, activity kit, Virtual lab	Collaboration and team work	Presenttaion on different plant hormone and its nature.	Activity kit, lab, text book.	Student would know about the different types of changes.
Electric circuit current and its effect.	Student will know about the electric current and its effects.	problem solving	8/8/22- 12/8/22	5	electric circuits	Reverse questioning, JAM,SHORT QUIZ	Daily life experience, inches, measuring	Tolerance	effect of chemicals on current	Model of electric circuit.	Student would know about the electric current and its effects.
The breath of life	Student will know about the respiration and breathing system in different organisms.	Independent learning	16/8/22- 23/08/22	5	Virtual lab	Short quiz, JAM,	Text book, Chart, Video	Care for our body.	Air quality index.	Chart, text book, models.	Student would know about the respiration and breathing system in different organisms.
Movement of substances	Student will know about the transportation of different materials in plants and animals.	collaboration and team work.	24/ 8/22- 30/8/22	8	3D model of heart.	Thunk, reverse questioning.	Active panel, Virtual lab,Text book	Care for our body.	discussion on concept of cardiogram.	Chart, text book, models.	Student would know about the transportation of different materials in plants and animals.
Rain thunder and strom	Student would understand the concept of rain thunder and strom and their root causes and mechanism.	Independent learning	1/9/22- 9/9/22	5	wind direction detection instrument	question answer session	Pdf, activity kit, Virtual lab	Tolerance, environmental Care.	natural calamities and management	PPT, Virtual lab, Extra reading materials.	Student would understand the concept of rain thunder and strom and their root causes and mechanism.
Multiolication in plants	Student will know about the plants and its parts.	creativity.	12/9/22- 16/9/22	5	Reasearch	Reverse questioning, short quiz.	Daily life experience, inches, measuring	environmental care.	Reserch paper	PPT, Virtual lab, Extra reading materials.	Student would know about the plants and its parts.
Revision of Annual Exam			2-30 January		-						