



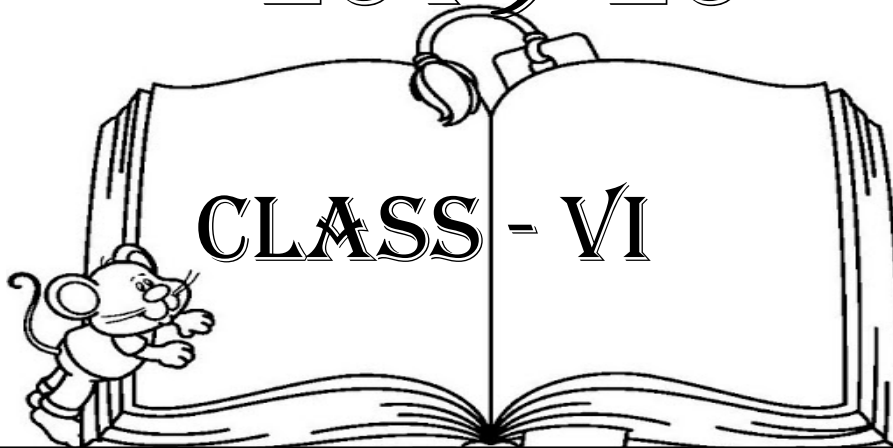
DELHI PUBLIC SCHOOL

Siddharth Vihar Ghaziabad

(Under the aegis of DPS Society, New Delhi)

SYLLABUS BOOKLET

2019-20



Student Name: _____

Section: _____

ENGLISH**APRIL****Number of working Days-20**

Topic	Sub-Topics	Expected Learning Outcomes Learners will be able to:	Activities
(Prose):Nicobobinus (Poem);Mother to Son	About the author New words Major themes Character analysis Poetic devices Critical analysis of the poem	Explain "Jass Poetry" Tell more about Langston Hughes Do a critical analysis of the poem Discuss about problems faced by South African poets Tell more about Terry Jones Summarise the prose Do a detailed character analysis Identify the poetic devices Explain the purpose of poetic device in the poem	Circle Time.
	Writing- Poetry Composition	Demonstrate ability to write a poem Write a meaningful poem on the given theme	
	Speaking- Debate	Present their view points based on their research Answer the interjections.	
	Listening	-	
Writing: Notice	Event notice Lost and found	State the different kinds of notice Write a notice with proper format	
Grammar: Adjectives	Types of adjectives	Identify adjectives Distinguish between types of adjectives Select appropriate adjectives to enhance their writing Frame meaningful sentences using adjectives	Activity name : Human adjective bingo
Web Links	https://www.youtube.com/watch?v=nU3iQa1FdrQ		

MAY**Number of working days-10**

(Prose): Home Sweet Home	About the author New words Major themes Character analysis Dictionary time	Tell more about Nicholas Horsburgh Frame sentences with new vocabulary Explain the theme of love and acceptance through examples Do a detailed character analysis	STAR- STELLAR activity
	Writing- Write a letter to your friend telling him/her about your home	Explain the format of a informal letter State the difference between a formal and informal letter Write a well structured letter to a friend on the given topic	

	Listening- ASL	Recall important points in the audio played by the teacher Write answers in the worksheet based on the audio played	
Writing: Notice writing (cont.)	Event notice Lost and found	State the different kinds of notice Write a notice with proper format	

JULY

Number of working days-20

(Prose): The Great Train Journey. (Poem): The Poem, The Echoing Green	About the author New words Major themes Character analysis Poetic devices Critical analysis of the poem	Discuss the life of Ruskin Bond Explain the concept of "Indian English Writing" Summarise the prose Tell more about William Blake Do a detailed character analysis. State the main featured of Blake's writing Identify the poetic devices Explain the major theme of the poem Visualise the poem and will discuss the poet's purpose	Circle Time. Listen to the poem
	Writing- Write a small passage from the point of view of Old John with reference to the poem "The Echoing Green"	Do a character analysis of John Write a well structured short passage based on the analysis	
	Speaking- Team debate	Do a team research on the given topic Present their view points as a team	
Writing: Story writing		Recognise the elements of a short story Develop their story writing skills Write a well structured story using the clues put forward by the teacher Give a suitable title to the story Discuss the moral of the story	
Grammar: Sentences	Types of sentences	Differentiate between the four kinds of sentences Identify each type of sentence Write the four kinds of sentences	Activity name: Punctuation Badges (! . ?)

Web Links

<https://www.youtube.com/watch?v=FCyJ9WdSTxY>

AUGUST

Number of working days- 20

(Prose): The Toy Box (Poem): Trespass	About the author New words Major themes Character analysis Poetic devices Critical analysis of the poem	Explain the concept of first and second person narration Discuss the main theme of the prose Frame sentences with new vocabulary Explain the purpose of poetic devices in the poem. Relate the childhood of John Clare with the theme of the poem Explain the poem in his/her own words	STAR-STELLAR activity
	Writing- Describe the most scary and dramatic day of your life	Describe their feelings in words Write a well structured paragraph Give a suitable title to the passage	
	Listening- ASL	Recall important points in the audio played by the teacher Write answers in the worksheet based on the audio played	
Writing: Message writing		Shorten a lengthy message Write a brief message based on the information received	Activity name : Listen and communicate
Grammar: Phrase and Clauses		Distinguish between phrases and clauses Identify the dependent and independent clauses in a given sentence	Activity name: Hunt the meaning
Web Links	https://www.youtube.com/watch?v=yxfNcXtm6vE		

OCTOBER

Number of working days-17

(Prose): In a Tunnel (Poem): In the Bazaars of Hyderabad	About the author New words Major themes Character analysis Poetic devices Critical analysis of the poem	Tell more about Sarojini Naidu Discuss the restrictions imposed on writing during freedom struggle List the poem written during freedom struggle State the common themes of poems written during the British rule Explain the main theme of the poem Identify the poetic devices Frame sentences with new vocabulary Do a detailed character analysis	Circle time. Activity name: Listen to the poem
	Writing- Write a short speech about a local bazaar. Also suggest tips to make it better	Describe their local market Compare their local market with the market described by Sarojini Naidu Write a well structured speech	
	Speaking- Add mad	Think of interesting ways to promote the given product Advertise the given product	video showing add mad
Writing:Essay writing		Give a suitable title to the essay	

		Write a well structured essay	
		Identify the subject and predicate in a sentence Frame a meaningful sentence using predicate	Activity name: sentence ladder
Web Links	https://www.youtube.com/watch?v=HFEGHZY1_sQ		
NOVEMBER			
Number of working days-20			
(Prose): Uncle Podger Hangs a Picture	About the author New words Major themes Character analysis Dictionary time	Tell more about Jerome K Jerome. Frame sentences with new vocabulary Explain the theme of the prose Do a detailed character analysis	STAR- STELLAR activity
	Writing- Diary entry: a day in Uncle Podger's life	Discuss uncle Podger's dramatic life Write a well structured diary entry	
	Listening- ASL	Recall important points in the audio played by the teacher Write answers in the worksheet based on the audio played	
Writing: Informal Letter		State the correct layout an informal letter Write a well structured letter on given topic	
Grammar: Pronouns	Types of Pronouns	Differentiate between possessive and demonstrative pronouns Complete a sentence using appropriate pronouns	Look out for pronouns. (newspaper activity)
Web Links	https://www.youtube.com/watch?v=HFEGHZY1_sQ		
DECEMBER			
Number of working days-20			
(Poem): Goodbye Party for Miss Pushpa T.S, A Heritage of Trees.	About the poet Critical analysis Poetic devices	Compare the writing technique of David Horsburgh and Nizim Ezekial Identify the poetic devices Explain the purpose of poetic devices in the poem State the main features of nature poems Do a detailed critical analysis of the poem Discuss the purpose of the poem	Circle Time
	Writing- Rewrite the poem in proper English	Identify the missing articles and words Rewrite the poem in proper English	
	Speaking- Debate	Present their view points based on their research Answer the interjections	
Writing: Advertisement		Relate the given topics to today's requirement	Identify the advertisement

		Discuss the various ways of advertising a product Make a creative advertisement with all the details	
Grammar: Conjunctions		Identify conjunctions in a sentence Join sentences using conjunctions Frame meaningful sentences using conjunctions	
JANUARY			
Number of working days-14			
(Play): Working a Miracle	About the playwright Themes Character analysis	Recall the characters in the play Do a detailed character analysis Discuss the different interpretations of dialogues	Role Play
	Writing- Summary of the play	Recall the main events in the play Write a summary of the play	
	Listening- ASL	Recall important points in the audio played by the teacher Write answers in the worksheet based on the audio played	
Grammar: Subject Verb Agreement		Identify the correct use of subject-verb- agreement in sentences Practice subject-verb-agreement form in sentence	Verb Chart

HINDI**APRIL Number of working Days-20**

Topic	Sub-Topics	Expected Learning Outcomes Learners will be able to:	Activities
पाठ- १ वह चिड़िया जो पाठ - २ बचपन	पठन ,वाचन कठिन शब्दार्थ ,प्रश्नोत्तर ,आशय स्पष्टीकरण ,अभ्यास कार्य	विभिन्न प्रकार के पक्षियों के विषय में जानकारी	विभिन्न प्रान्तों के पक्षियों रंग रूप व रहन-सहन भोजन से सम्बन्धित लेख
व्याकरण	भाषा-विचार, वर्ण विचार, वर्ण विच्छेद, अनुच्छेद	हिन्दी वर्णमाला का वृहद ज्ञान	स्वर व्यंजन व र के रूपों पर भित्ति चित्र निर्माण
वसंत भाग-१, व्याकरण			
Web Links	https://www.youtube.com/watch?v=mAV7PJjXle8		

MAY Number of working days-10

पाठ - ३ नादान दोस्त पाठ - ४ चाँद से थोड़ी- सी गप्पें	पठन ,वाचन कठिन शब्दार्थ ,प्रश्नोत्तर ,आशय स्पष्टीकरण ,अभ्यास कार्य	मित्रता का महत्व कृष्ण पक्ष व शुक्ल पक्ष के विषय में जानकारी	चन्द्रमा की सोलह कलाओं का अभिनय
व्याकरण	पत्र लेखन, संधि	पत्र का प्रारूप, संधि के विषय में पूर्ण ज्ञान, लेखन कौशल	अभ्यास कार्य
वसंत भाग-१, व्याकरण			
Web Links	https://www.youtube.com/watch?v=gG-dxj_Skz8		

JULY Number of working days-20

पाठ- ५ अक्षरों का महत्व पाठ- ७ साथी हाथ बढ़ाना	पठन ,वाचन कठिन शब्दार्थ ,प्रश्नोत्तर ,आशय स्पष्टीकरण ,अभ्यास कार्य	अक्षरों के निर्माण की ऐतिहासिक जानकारी	अक्षरों के प्राचीन रूप की जानकारी व चित्र द्वारा प्रस्तुति
व्याकरण	शब्द विचार, शब्द-भंडार , संज्ञा	शब्द के प्रकार की जानकारी	अभ्यास कार्य
वसंत भाग-१, व्याकरण			
Web Links	https://www.youtube.com/watch?v=8zFAH9gR4Yg		

AUGUST Number of working days- 20

पाठ - ६ पार नजर के पाठ- ८ ऐसे - ऐसे	पठन ,वाचन कठिन शब्दार्थ,प्रश्नोत्तर ,आशय स्पष्टीकरण,अभ्यास कार्य	अन्तरिक्ष में रहन -सहन सम्बन्धित जानकारी	क्या आपने कभी कोई बहाना बनाया है? इसके विषय में कक्षा में विद्यार्थियों द्वारा परिचर्चा
व्याकरण	लिंग,वचन,कारक,उपसर्ग तथा प्रत्यय	व्याकरणिक शब्द ज्ञान	अभ्यास कार्य, गतिविधि
वसंत भाग-१, व्याकरण			
Web Links	https://www.youtube.com/watch?v=qMwx4kMpS6k		

OCTOBER Number of working days-17

पाठ- ९ टिकट अलबम पाठ- १० झाँसी की रानी	पठन ,वाचन कठिन शब्दार्थ प्रश्नोत्तर ,आशय स्पष्टीकरण अभ्यास कार्य	अनेक देशों के टिकटों की जानकारी	विभिन्न देशों के टिकटों का संग्रह करके उनके सम्बन्ध में जानकारी प्राप्त करें
व्याकरण	सर्वनाम, मुहावरे, लोकोक्तियाँ, चित्र-वर्णन		विषय की गहन जानकारी
वसंत भाग-१, व्याकरण			
Web Links	https://www.youtube.com/watch?v=2HUYijA24Bc		

NOVEMBER Number of working days-20

पाठ- १२ संसार पुस्तक है	पठन ,वाचन कठिन शब्दार्थ प्रश्नोत्तर ,आशय स्पष्टीकरण अभ्यास कार्य	प्रकृति के सम्बन्ध में जानकारी	पत्थरों के जीवन चक्र पर एक चित्र कथा
व्याकरण	विशेषण, क्रिया, कहानी- लेखन	व्याकरण के नियम	पाठ्य पुस्तक से विशेषण व क्रिया विशेषण चयन, गतिविधि
वसंत भाग-१, व्याकरण			
Web Links	https://www.youtube.com/watch?v=ZwMgug4SEA0		

DECEMBER Number of working days-20

पाठ- १३ में सबसे छोटी होऊँ पाठ १७- साँस साँस में बाँस	पठन ,वाचन कठिन शब्दार्थ प्रश्नोत्तर ,आशय स्पष्टीकरण अभ्यास कार्य	माँ का महत्व	माँ पर कविता निर्माण
व्याकरण	काल, अविकारी शब्द	व्याकरण के नियम	
वसंत भाग-१, व्याकरण			
Web Links	https://www.youtube.com/watch?v=-J843pzXLOI		

JANUARY**Number of working days-14**

पाठ १४- नौकर पाठ- १६ वन के मार्ग में	पठन ,वाचन कठिन शब्दार्थ ,प्रश्नोत्तर ,आशय स्पष्टीकरण ,अभ्यास कार्य	नैतिक मूल्यों का विकास, राम के वनवास की जानकारी	पाठ्य पुस्तक से समास शब्दों का चयन
व्याकरण	समास, निबंध-लेखन	परिभाषा ,प्रकार, उदाहरण	
वसंत भाग-१, व्याकरण			
Web Links	https://www.youtube.com/watch?v=OTqTMD06Des		

MATHS**APRIL Number of working Days-20**

Topic	Sub-Topics	Expected Learning Outcomes Learners will be able to:	Activities
Knowing our numbers	Place value Face value	Place large numbers in Indian and international place value charts	Lab Activity: To apply place value and number operations
	Indian and international system of numeration	Read and write large numbers in Indian and International place value charts	
	Comparing large numbers	Form greatest and smallest numbers. Compare numbers and use numbers in real life	
	Estimating and rounding off	Use estimation in arithmetic operations and convert Hindu-Arabic numerals into Roman numerals	
Playing with numbers	BODMAS	Perform mathematical operations in correct order	Lab activity: To find the HCF of two given numbers by paper cutting and pasting
	Factors and multiples	Find factors and multiples of numbers	
	Prime and composite numbers	Identify prime and composite numbers, and even and odd numbers	
	Test of divisibility	Test divisibility for 2,3,4,5,6,7,8,9,10 and 11	
	Prime factorisation	Express numbers using prime factorisation	
	LCM and HCF Relation between them	Find LCM and HCF of two or more numbers	
Whole numbers	Identify natural numbers and whole numbers	Identify natural numbers and whole numbers	Lab Activity: To verify that the multiplication of whole numbers is commutative
	Represent the whole numbers on a number line	Represent the whole numbers on a number line	
	Four basic operations on the whole numbers on a number line	Perform four basic operations on the whole numbers on a number line	

	Applications of properties on whole numbers	Apply different properties of basic operations on the whole numbers	
Web Links	https://www.youtube.com/watch?v=fd-E18EqSV		
MAY Number of working days-10			
Integers	State the meaning of integers	Introduction to integers	Lab activity: To find the sum and difference of two integers with the help of elite and black buttons
	Identify positive and negative integers	Learn types of integers	
	Find absolute value of an integer	Understand absolute value of integers	
	Perform operations on integers	Learn about operations on integers	
Web Links	https://us.sofatutor.com › Mathematics › Algebra 1 › Basic Arithmetic		
JULY Number of working days-20			
Ratio and proportion	Meaning of ratio and proportion	Understand about Ratio and its properties	
	Find equivalent ratios Compare ratios	Do comparison of ratios	
	Express ratios in simplest form	Learn simplest form of ratio	
	State the meaning of proportion	Know about proportion	
	Find the missing terms in a given proportion	Understand terms of proportion	
	Solve problems using unitary method	Learn Unitary method	
Symmetry	line of symmetry	Identify symmetrical objects Draw lines of symmetry	Lab activity: To make a kaleidoscope
	Creating symmetrical shapes	Create and identify symmetrical shapes	
	Reflection symmetry	Draw the reflection of a figure using a graph paper	
Fractions	Represent fractions as a part of whole	Fractions on number line	Lab activity: To find equivalent fraction of a given fraction
	Identify various types of fractions	Types of fractions	

Web Links	https://www.youtube.com/watch?v=KPLAdvAywvo https://www.youtube.com/watch?v=9hZkk73nJ_Y
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AUGUST Number of working days- 20

	Convert mixed and improper fractions	Mixed and improper fractions	
	Recognise equivalent fractions Express a fraction in its simplest form	equivalent fractions	
	Comparing fractions Perform operations on fractions	Operations on fraction	
Decimals	Define decimal fractions	Decimal fractions	
	Differentiate between like and unlike decimals	Like and unlike decimals	
	Write place value and expanded form of decimals	Place value and expanded form	
	Represent decimals on number line	Decimals on number line	
	Convert decimal into fraction and vice-versa	Decimal and fraction conversion	
	Operations on decimals Applications in daily life	Decimals in daily life	
Basic Geometrical Ideas	Define Point Line Line segment Ray	Line Line segment Ray	Lab activity: Collect and paste examples of intersecting, parallel lines and different angles from daily life
	Identify collinear and non-collinear points Distinguish between line, line segment and ray	Identify collinear and non-collinear points Distinguish between line, line segment and ray	

OCTOBER Number of working days-17

Basic Geometrical Ideas	Identify intersecting Concurrent Parallel Perpendicular lines	Understand about crossing lines	
	State the meaning of plane Measuring line Segment	Know about Plane	
	Define angles and types Define and identify curves and figures	Know about Angles and curves	

Understanding Elementary shapes	Define polygon Identify types of polygons	Understand about Polygons	Lab Activity: To understand different types of quadrilaterals using paper folding
	Classify triangles on the basis of sides and the angles	Learn about the sides of Triangle	
	types of quadrilaterals	Define the types of Quadrilateral	
	Identify different parts of circle	Know about the parts of Circle	
Three-Dimensional shapes	3-D shapes	Identify and draw 3-D shapes	
	edges, vertices and faces of 3-D shapes	Know about Faces, edges and vertices	
	nets	Identify nets of 3-D shapes	
Web Links	https://www.youtube.com/watch?v=61IZpLRnXUM		
NOVEMBER Number of working days-20			
Constructions	line segment	Construction of line segment	
	Construction of line segment	Construct a perpendicular bisector to a given line segment	
	Construct a perpendicular to a given line	Construction of perpendicular to a given line	
	circle and different angles	Construction of circle and specific angles	
Introduction to Algebra	Frame algebraic expressions for statement	Writing algebraic expressions	
	Identify terms Coefficients of an algebraic expression	Terms and coefficients of algebraic expression	
	Operations on Algebraic expressions	Operations on algebraic expressions	
	Distinguish Monomial Binomial Trinomial Polynomial	Types of algebraic expressions	
	Evaluating algebraic Expressions for values	Values for algebraic expressions	
DECEMBER Number of working days-20			
Linear Equations	Meaning of linear equations	Linear equations	
	Form simple equations from given statements	Translate statements into linear equations	

	Solve equations by trial and error method Systematic method	Solving an equation by trial and method of balancing	
Perimeter and area	Perimeter	Define Perimeter	
	Perimeter of regular polygons	Finding perimeters of rectangle, square and triangles	
	Area	Define area	
	applications of area	Solve real-life problems based on area	
Web Links	https://www.youtube.com/watch?v=NeSjvIPUMcE&list=PLCzaiJYXP5YdAicVQQJHPe6oPYwGMEN9L		

JANUARY

Number of working days-14

Data handling	Raw data	Collect raw data	Lab activity: To collect data on the number of population of India, China, SriLanka, Pakistan and Bangladesh and represent it in the form of bar graph
	Primary and secondary data	Distinguish between primary and secondary data	
	Tally marks	Organise data using tally marks and frequency tables	
	Pictograph and bar graphs	Represent and interpret data on pictographs and bar graphs	
Web Links	https://www.youtube.com/watch?v=8eDW4zjlxY8		

SCIENCE**APRIL Number of working Days-20**

Topic	Sub-Topics	Expected Learning Outcomes Learners will be able to:	Activities
Sources of Food	Food and Nutrients	Name different types of nutrients. Explain the importance of nutrients. Compare the food habits of a person living in North India to a person living in Tamil Nadu. Follow the phrase "Eat to live" and not "Live to eat".	
	Sources of Food	Illustrate the different sources of food items and ingredients	
	Food habits of animals	Compare herbivores, carnivores and omnivores	
	Food chain	Discuss the importance of food chain	
Components of Food	Carbohydrates, Fats, Proteins, Minerals, Roughage	Explain the importance of different nutrients for our body. Acquire the skill of testing the main food component in a given food.	
	Balanced Diet	Prepare his/her own balanced diet chart. Describe the role of healthy food in life. Develop healthy food habits.	
	Deficiency Diseases	Identify the disorders and their symptoms caused by deficiency of different nutrients.	
Web Links	https://youtu.be/umiezeki3o		

MAY Number of working days-10

Fibre to Fabric	Clothing material-History	Study the history of clothing.	Activity: Weaving with paper strips.
	Fibre	Explain that the basic unit of a fabric is fibre which can be obtained from many sources. State typical characteristics of different fabrics. Identify fibres and fabric on the basis of visual examination.	

	Wool	Elaborate the process of yarn making and fabric construction.	
	Silk	Define Sericulture. Outline the process of making silk from silk worm. Study the history of silk.	
	Natural and synthetic fibres	Differentiate between natural and synthetic fibres.	
Water	Importance of water for sustaining life	Study about the events by which they will come to know about the importance of water in our life.	Activity: To estimate the use of water by you and your family.
	States of water	Know the need of different state and its availability. Observe evaporation, condensation and freezing in their daily life.	
	Water cycle	Draw a water cycle. Explain the processes involved in water cycle.	
	Sources of water	Describe the sources of water.	
Web Links	Chap water: https://youtu.be/Cv_Vr_xgrn0		

JULY Number of working days-20

Water (Continued)	Droughts	Analyze the relationship between rainfall and crop yield. Identify and predict drought impact.	
	Floods	Identify the different types of events which causes flood. Name the countries which are most affected by flooding.	
Sorting Materials into groups	What are things made up of?	Notice and observe that objects around us are made up of different materials.	
	Matter	Discover how the atom is the smallest unit of matter. Differentiate between element and compound. Study about the scientist who discovered atom.	
	Classification	Learn the importance of sorting and classifying materials into groups.	
	Properties of materials	Sort materials into groups based on their properties.	Experimental Investigation: Classify

		Distinguish among transparent, translucent and opaque objects.	the given objects as transparent, translucent and opaque objects..
Separation of Substances	Mixture and Pure substances	Define the terms: mixture, pure substances, and solubility. Differentiate between heterogeneous and homogeneous mixture.	
	Importance of Separation	Know the importance of separation.	
	Methods of separation	Determine methods for separating mixtures, and in what situation each method is appropriate. Analyze possible sources of errors in the separation method they choose. Perform simple experiments involving separation of mixtures.	Experiments: To separate a mixture of sand and water by sedimentation and decantation. To separate a mixture of mud and water filtration.
	Importance of water as a solvent	Explain and demonstrate the versatility of water as a solvent.	To prepare a saturated solution of sugar at room temperature and observe the effect of temperature on the solubility of the sugar in water.
Changes around us	Reversible and Irreversible Changes	Know what the different types of changes are. Identify the change which can be reversed by doing simple experiments.	To show the three state of matter can be changed into one another by changing temperature
	Physical and chemical changes	Distinguish among physical and chemical change. Give daily life examples of physical and chemical changes.	To see the reaction between washing soda and lemon juice.
Web Links	https://youtu.be/ym4TrZ0fJzw?list=PLHOGBLPrsnMomqix5ipIUgdduZFCxB2ns		
AUGUST Number of working days- 20			
Changes around us (Continued)	Changes when different substances are mixed	Observe changes when different substances are mixed.	
	Examples of physical and chemical changes	Give examples of the various changes discussed. Observe and try to understand the type of changes take place around us.	
	Reversible and Irreversible Changes	Know what the different types of changes are. Identify the	To show the three state of matter can be changed into one

		change which can be reversed by doing simple experiments.	another by changing temperature
Living and Non-living things	Common features of living and non-living things	Develop criteria to decide if something is living or non-living. Classify objects as living or non-living based on those criteria. Compare living and non-living things	Research on average life span of some organisms: bacteria,dog, housefly,tortoise,ostrich and human being.
	Characteristics of living things	Identify characteristics of living and non-living things. Recognize that living things grow, reproduce, and need food, air and water Interpret that certain features like reproduction and response to stimulus are very specific to only living organisms	
	Species	Define the term species Study about the different species of plants and animals in the world.	
Getting to know Plants	Herbs, Shrubs and Trees	Identify the characteristics of herbs, shrubs and trees	
	Plant System	Appreciate the plants that grow in their local garden	
	Stem	Understand how a plant stem carries water against gravity from the roots up to the leaves	
	Leaf	Identify different parts of a leaf, including its veins and midrib. Understand how plants make their own food using photosynthesis	To test for starch in green plants.
Web Links	https://youtu.be/30qOijVBS7o		
OCTOBER Number of working days-17			
The Body and its Movements	Organization and structure of the body	Define cell and tissue. Differentiate between unicellular and multicellular organisms.	
	The Human Skeletal System	Draw the structure of the human skeleton Label the various parts of the human skeleton and Explain the function of each part	Observation and Inference: Observe movement in 10 animals, for example frog,ant,eagle,cow and fish.Discuss their observation with class students.
	Joints and movement	Use household materials to design different types of joints like the ball and socket joint and the hinge joint. Highlight the advantages and limitations of each joint.	

		Explain how muscles are used in movement	
	Movement in other animals	Observe the movement of different animals Explain how animals like the earthworm, snail, cockroach, fish and snake move	
Living Organisms and their surroundings	Biotic and Abiotic component	Differentiate between biotic and abiotic component.	
	Biotic components and their interactions	Appreciate the importance of abiotic component like soil, air water for biotic component Conclude that plants are very important biotic component	Beyond the classroom: Visit habitats such as a garden and a pond. Study the plants and animals living there. Observe differences between plants and animals found in a garden and a pond.
	Habitat	Define habitat. Explain the relationship between types of habitat and adaptive features of a plant or an animal with the help of specific examples in aquatic and terrestrial habitat. Judge that why the roofs of houses on hills are sloping	
	Adaptations	Highlight the adaptations made by animals, like polar bears and camel, that live in different climate. Examine the adaptive features of aquatic and desert plants like types of roots and leaves etc	
Web Links	https://youtu.be/30qOijVBS7o		
NOVEMBER Number of working days-20			
Measurement and Motion	Story of transport	Describe the different means of transport used by people	
	Standard units	Define the international system of units (SI Units) Discuss the need of SI system	Research on scientist: Anders Angstrom
	Need of accurate measurement	Understand the need of accurate measurement	
	Measurement of length	Measure distances correctly by avoiding errors	
	Motion and its types	Define motion Observe different types of motion in daily life Differentiate between circular and periodic motion	

Light, shadows and Reflections	Light and reflection	Understand the importance of light. Study about the events by which they will come to know about light, shadows and reflection Differentiate between luminous and non-luminous objects Analyze the examples of transparent, translucent and opaque objects Demonstrate the phenomena of reflection by plane mirror	To show that light travels in a straight line
	Sources of light	Recognize the sun as a source of light. Study about the need of sources of light and its propagation	
	Shadows and images	Obtain a shadow and study its characteristics. Describe how the distance between an object and its light source affects size of a shadow. Observe difference between the image and shadow of the same object	
	Eclipses	Differentiate between solar and lunar eclipse	
Web Links	https://youtu.be/WNKldE4Aec?list=PLHOGBLPrsnMox4LaHbMlaUA4fvbl0bu1z		
DECEMBER Number of working days-20			
Electricity and Circuits	Electric current	Explain, in their own words and using real world analogies, what current and electrical circuit mean to them Talk about the safety precautions one should take while working with electricity	
	Electric circuits	Design a closed circuit to light an electric bulb. Enhance an electric circuit by adding a switch.	To make a simple electric circuit
	Conductors and Insulators	Test the conductivity of materials (like a key, pin, eraser) Differentiate between conductors and insulators	
	Electric cell	Understand how an electric cell provides the energy needed to power a circuit. Imagine ways to improve scientific inventions including wireless electricity	
Fun with Magnets	Magnet	Define magnet.	

	Magnetic and non-magnetic substances	Differentiate between Magnetic and non-magnetic substances. Classify magnetic and non-magnetic substance by doing simple experiments.	To show different properties of magnets
	Poles of a magnet	Do experiments to find the poles of a magnet.	
	Magnetic compass	Explain the function of magnetic compass.	
	Making magnets	Make his/her own magnet	
	Uses of magnets	List the uses of magnet	
Web Links	https://youtu.be/IHkyeylpM0w		
JANUARY Number of working days-14			
Air Around us	Atmosphere	Define atmosphere. State the importance of air Demonstrate that air takes up space. Explain how moving air can do work.	To show that air contains oxygen and other gases
	Composition of air	Study about the composition of air. Explain about the different gases which make up air. Show that air has oxygen which supports combustion.	
	Air supports life	Know the importance of oxygen in respiration.	
	Air pollution	Enumerate the causes of air pollution. Interpret the effects of air pollution. Suggest measures to control air pollution	
Garbage in, Garbage out	Types of waste	Identify the biodegradable and non-biodegradable waste Differentiate between biodegradable and non-biodegradable waste	
	Reusing, Recycling and Reducing waste	Understand the need for waste management. Differentiate between REDUCE, REUSE and RECYCL. Comprehend the process of trash disposal, from their house to the landfill. Suggest their own ideas for recycling tin cans	
	Composting and vermin composting	Compare composting and vermin composting	
Web Links	https://youtu.be/IICZR16ma4E?list=PLHOGBLPrsnMo-zU7xcJJ8OnijYJLp043U		

Social Science

APRIL Number of working Days-20

Topic	Sub-Topics	Expected Learning Outcomes Learners will be able to:	Activities
Geography: The earth and the Solar system	The Sun and the Solar System	Define the Solar System List the planets according to their distance from the Sun Describe the characteristics of each planet in the solar system	
	Our Earth	List the unique qualities of the earth which makes it habitable Define the shape of the earth Know why the stars appear twinkling only on the Earth	Case study- 'Pluto' is still considered as the ninth planet or is put in the category of the dwarf planet
	Moon	Define light year Calculate the distance of the moon and the earth List the physical features of the moon Describe the phases of the moon	
	Other Celestial bodies	Define the various celestial bodies Identify the constellations Explain about Halley's comet	
Geography Ch- 2. Latitudes and Longitudes	Parallels and meridians	Describe the characteristics of parallels and meridians Explain North Pole, South Pole and axis of Earth Discuss the importance of grid made by imaginary lines on the globe	
	Latitudes and longitudes	List the three important latitudes - equator, tropic of cancer and tropic of Capricorn Identify the division of three heat zones Define the great circle Discuss the significance of latitudes and longitudes for locating places	
	Time Zone	Describe the Prime Meridian which divides the earth into western and eastern hemisphere Calculate the time with the help of longitudes Distinguish between the standard time and local time of a place Locate the IS	

History: Studying the Past	Why Study history	Know and understand the influence of historical events in our life Critically analyze the historical steps and not to repeat the mistakes Relate the influence of physical features of India in shaping the history of our country	
	Sources- Literary and Archaeological	Define and distinguish between the literary sources and archaeological sources Define Inscriptions, Manuscripts, Decipher, Historians and Archaeologists Identify the process of study the various historical sources to evaluate time	
Social & Political Life: Unity in Diversity	Unity in Diversity	Know and appreciate the diversity of our country Describe the varied culture of India Value the unity in diversity	
	Regional Diversity	Study the regional and relational differences in the culture of Ladakh and Kerala Identify the different occupation and lifestyle of people in both the regions	
Web Link	https://www.space.com https://www.latlong.net http://www.historydiscussion.net/history/history-of-india-pre-history-and-proto-history-of-india/583 https://www.importantindia.com/270/article-on-unity-in-diversity-in-india/		
MAY Number of working days-10			
History :Early Humans- I	Stone Age- 10000 BCE-4000 BCE	Describe the time of Palaeolithic, Mesolithic and Neolithic sites Know how hunter- gatherers started living in caves near the water sources Appreciate the various discovery and inventions like fire, wheel, cultivation, settlements and use of stone for all the things Identify the technique of making stone tools by the early men	To locate the pre-historic sites in modern Indian political map
	Rock paintings	Discuss the early cave paintings to communicate the experience Establish a differential relationship amongst the stone age over a gap of 6000 years	

History Ch- 2. Early Humans- II	Early Settlement and invention	Explain how agriculture changed the life of early humans Identify the significance of invention of wheel Appreciate the different crafts of the period like-pottery and paintings Identify the evidences of early domestication of animals	
	The Chalcolithic Age- 7000 BCE to 3500 BCE	Describe the use of copper in early life in making tools Study about the evidences of life in North- West and North- East in India	
Geography Ch- 7. India- Location and political Divisions	Location and Extent	Describe the location and extent of India in Northern and Eastern hemisphere Calculate the surface area of the India from north to south, west to east List the states through which the Tropic of Cancer passes	
	Political division	List the political states, union territories along with their capitals List the neighbouring countries of India. Highlight the extreme ends of the country Define subcontinent	Map- Marking - To locate the political states, neighbouring countries, on the Indian Political map
Web Link	india">www.ancient.eu>india geography">https://www.mapsofindia.com>geography		

JULY Number of working days-20

Social & Political Life Ch- 2. All human Beings are Equal	Discrimination on the basis of Prejudice and Stereotypes	Define prejudice, stereotypes and discrimination List the different reasons of discrimination and inequality existing in the society	
	Fundamental Rights	Identify the fundamental rights laid down in the Constitution of India to safe guard the right to equality	
Social & Political Life Ch- 3. Forms of Government	Democracy and authoritarianism	List the characteristics of democracy, monarchy, authoritarian, oligarchy Distinguish between parliamentary and presidential forms of government	Draft a Constitution (Rule Book) for the class room behaviour which has to be followed by all the classmates
	Constitutions- rigid and flexible	Define constitution Describe the federal form of government Understand the concept of universal adult franchise	

History :The first Cities	Indus Valley Civilization	Describe the reasons of First civilization on the banks of Indus river Elaborate the features of the habitation site like the material used in construction Explain the features of the planned Harappa city Describe the extent of Indus Valley Civilization Discuss citadel, the Great bath, Granaries and the drainage system of the first civilization List the different archaeological sources of Harappa	Collage- To paste the archaeological sources as the evidence of Indus Valley Civilization
	Harappan cities in Gujarat	Mention the traces of Harappan civilization in Gujarat Describe the features Lothal and Dholavira Explain the evidences of inland waterways trade through the Indus river Evaluate the reasons of decline the early civilization	
Geography Ch- 3. Motions of the Earth	Rotation of The Earth	Define rotation or daily motion of the Earth List the effects of the earth's rotation Define Circle of illumination Describe the different time of 24 hours Explain the causes of occurrence of day and night	
	Revolution of the Earth	Define the annual motion or revolution of the earth Define equinox, solstice, aphelion and perihelion Describe the phenomenon of change of seasons Explain the concept of summer solstice and winter solstice Describe the equinox throughout the world on 21 March and 23 September	Be a geographer- Draw the position of the earth on 21st June, 22nd December, 21st March and 23rd September
Geography Ch- 4. Globes and Maps	Types of maps	Define the different types of maps. Distinguish between globe and map Identify the conventional signs and symbols Describe the different methods of showing scale on a map	

	Directions	Locate the cardinal directions and false points Describe the importance of directions in locating any area	'Be an Engineer- To draw a sketch using cardinal directions and conventional symbols of their route to school from their home
	Sketch and Plan	Describe the importance of sketch in finding a location using Google maps Differentiate between a sketch and a plan	
History Ch- 5. The Age of Vedas	Vedas	Know and understand about the literary sources and what do they contain List the four vedas and their significance the life of common man Describe the varnas and ashramas according to Vedas Describe the life of kings and common people during Vedic period	
	Inamgaon- A chalcolithic Site	Describe about the largest Chalcolithic site in Maharashtra List the archaeological sources in Inamgaon like- factories for making tools of metals, terracotta and ivory craft and the agricultural evidences	
	The Megalithis	Define Megaliths Explain the significance of Megalithis on the burial sites especially in Kashmir, Deccan, North-East India	
Web Link	/www.ancient.eu/The_Vedas/		
AUGUST Number of working days- 20			
History Ch- 6. Early Kingdoms	Janapadas and Mahajanapadas	Define Janapadas and Mahajanapadas Know and understand the development of small towns into a large kingdom Describe the kingdom and republic form of government Distinguish between the Sabha and Samiti List the sources of income of early kingdoms Elaborate the fortified cities	Map- Marking - To mark the Janapadas and Mahajanapadas and also the physical features of the powerful kingdoms on the modern India political map
	Magadha	Describe the location and extent of Magadha a monarchy Explain how the physical features of Magadha and powerful rulers established it as a Mahajanapada	

		Elaborate the powerful army and successful trade practices of Magadha	
	Vajji	Define republic List the characteristics of Vajji as republic Critically analyze how it was different from present republic	
History Ch- 7. Growth of New Ideas	Buddhism	Discuss the reasons of development of new religious ideas 2500 years ago Know about the Kashtriya boy Siddharth Gautum and his journey of becoming Buddha List the main teachings of Budha Discuss the significance of Buddhism in one's life	
	Jainism	Explain the need of new religion to avoid the animal sacrifice and discrimination on the basis of Varna system and elaborate rituals prescribed by Bhramanas in Vedas	
	The Upanishads	Define Upanishad Discuss the ideas laid in literary sources written between 8th and 4th century BC	
Social & Political Life Ch- 8. Rural Livelihoods	Agriculture	List the main economic activities in the villages are agriculture and allied activities Explain the importance of primary sector activities in the economic growth of the country Identify the various factors for poverty of subsistence farmers in India	Case Study- To explore the different agricultural produce in the states of all the regions of India and also mention the harvest festivals of the four zones
Social & Political Life Ch- 9. Urban Livelihoods	Industries and other occupations	List a variety of economic activities in urban areas from highly educated tertiary activities to unskilled labour activities Mark the significance of growth of urban areas which provide the employment to the landless labour Establish the interdependence of all the three economic activities	Survey - To make an extensive list of the livelihood in your District from unskilled to big industrial units
Geography Ch- 8. India Physical Features	The Northern Himalayas	Appreciate the highest mountain ranges in the world even considered as the third pole because of the highest peak Mt. Everest List the highest ranges in India	Map-Marking - To locate the physical features of India on the Indian political map and discuss the impact of those on human geography and economic of the country

		<p>Classify the three ranges of highest Himalayas</p> <p>Discuss the importance of Himalayas in the history and diversity of India</p> <p>List the different names of Brahmaputra draining Himalayas through neighbouring countries</p>	
	The Northern Plains	<p>Describe the location Ganga-Brahmaputra Basin</p> <p>Classify the most fertile agricultural land and the impact on the economics of the states of Northern plains</p> <p>Elaborate the reasons of the high density of the population in the region</p> <p>List the tributaries of the main river draining the region</p> <p>Mention Sunderban the largest delta in the world made by the Ganga - Brahmaputra rivers</p>	
	The Peninsular Plateaus	<p>Describe the location of peninsular plateaus</p> <p>Explain the characteristics of peninsular plateau</p> <p>List the hill ranges of the eastern and western Ghats</p> <p>Compare the rivers flowing through north and south of India</p> <p>Describe the extent of Deccan Plateau</p>	
	The Coastal Plains	<p>Describe the extent of eastern and Western coastal plains</p> <p>Distinguish between the agriculture of the northern and coastal plains</p> <p>List the rivers draining the coastal plains</p> <p>Classify the east flowing and west flowing rivers</p>	
	The Islands	<p>Describe the location of the islands</p> <p>List the Indian islands</p> <p>Define coral islands</p>	
Geography Ch-9.India-Climatic Conditions	Relief Features	<p>Identify the relief features like location and distance from the sea</p> <p>Classify the different climatic conditions of the North, centre and South of India</p>	
	The Cycle of Seasons	<p>Describe the main seasons of India</p> <p>Elaborate the climatic and weather conditions of India</p>	

		Apply the knowledge of seasons in their life while travelling across India	
	Monsoon season	Understand the importance of monsoon season in the agricultural Indian land Identify the humidity and moisture present in the atmosphere Distinguish between South -West Monsoon and the Retreating monsoon 40 To name the branches of south- west monsoon winds	
	Distribution of Rainfall	Describe the general distribution of rainfall in India Identify the reasons of floods and drought in many parts of India	
Web Link	https://www.hinduwebsite.com/		
	https://www.studypage.in/geography/climatic-conditions-in-india		
OCTOBER Number of working days-17			
Geography Ch- 5. Major Domains of the Earth	Lithosphere	Define lithosphere Explain the physical features of the seven continents Arrange the continents in increasing order according to the size List and appreciate the wonders of the nature in Asia	Map-marking- To locate the continents and oceans on the world political map
	Hydrosphere	Define Hydrosphere List the significance of hydrosphere on earth	
	Atmosphere	Describe the composition of the atmosphere Name the different layers of atmosphere Explain the significance of the layers of atmosphere	Debate- The importance of all the layers in human life
	Biosphere	Identify the unique layer of interaction of biotic and abiotic components on the earth Explain the significance of biosphere for living organisms	
History Ch- 8. The First Empire- the Mauryas	Mauryan Empire-321-297 BCE	Know about the First Empire established by Chandragupta Maurya under the able guidance of Chankya Describe the administration policies of the powerful rulers of Magadha	Map- Marking- To mark the Mauryan Dynasty in modern Indian political map

		like Chandragupta and Bindusara during 4th century BC	
	Ashoka -273 232 BCE	Know about the great Ashoka who ruled over almost the entire sub-continent during 4th century BC Elaborate Ashoka's Dharma its principles and spread by the disciples as he adopted Buddhism Explain the significance of Kalinga war List the various pillars and stupas constructed by Ashoka to spread Dharma	
History Ch- 9. Life in Villages and Towns	Agricultural production	List the factors that led to an increase in agriculture around 500 BC Describe the development of many towns because of religious practice and crafts like pottery and weaving Identify the growth of villages because of surplus cultivation	
	The Second Urbanization	Explain the meaning of second urbanization in North and south India like Mathura and Arikamedu Discuss the development of administrative town, port towns, centres of craft and trade Elaborate the interdependence of life of the people in villages and cities	
Social & Political Life Ch- 6. Local Government in Urban Areas	Nagar Panchayat	Know and understand the election of urban self government, like Nagar panchayat and municipal corporation List the functions of municipal corporation Identify the role of state government at district level	Mock Election- To elect the representatives on various posts of the class
	Municipal Corporation	List the functions of municipal corporation and the hierarchy in administration Describe the sources of income of municipal corporation	
	Solid waste management	Define the meaning of solid waste Discuss the role of people and administration in solid waste management	
Geography Ch- 10. India- Natural	Tropical Rainforests and Deciduous Forests	Identify the characteristics of the tropical evergreen and deciduous forests	Map- Marking - To mark the different natural vegetation and National Park on the Indian political map also

Vegetation and Wildlife		Describe the meaning of natural vegetation and the wild life in the different regions of India Distinguish between the two types of tropical forests	discuss the importance and methods of conservation of natural resources
	Mountain Vegetation and Mangrove forests	List the main features of the mountain and mangrove forests of India Differentiate between the two forests	
	Importance of Forests	Explain the importance of forests in atmosphere Discuss the methods of conservation of forests Elaborate the significance of tropical rainforests in economic status of the country	
	Wildlife	Explain the significance of wild life in the nature Differentiate between the National parks and Wildlife sanctuary List the tiger reserves in India	

Web Link	http://www.sandarbha.com/major-domains-earth-class-6-chapter-5/ https://syskool.com/local-self-government/ https://icgeographers.wordpress.com/2017/01/09/india-climate-natural-vegetation-and-wildlife/		
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NOVEMBER Number of working days-20

Social & Political Life Ch- 4. Democracy	Features of democracy	Define manifesto, universal adult franchise and representative democracy Explain the procedure of election and formation of government Define the functions of government and the role of opposition in a Democracy	
	Resolving conflicts	Identify the role of government in resolving the conflicts between the two States Discuss the role of mass media in a democracy on any issue	
History Ch- 10. The Post Mauryan Period	The three kingdoms	State the reasons of Mauryan empire after the death of Ashoka Elaborate the disintegration of the entire kingdom into smaller regional power Study the administration and economy during Cholas, Cheras and Pandyas of the South India	

		Discuss the spread of Buddhism in the sub- continent	
Geography Ch- 6. Major Landforms of the Earth	Mountains	Describe the distinct features of fold and block mountains Explain the volcanic mountains List the significance of mountains. Elaborate the process of formation of the various mountains Distinguish between tectonic and gradational forces List the highest mountains of the different continents	Map-Marking - To locate the physical features of India on the ndian political map and discuss the impact of those on human geography and economic of the country
	Plateaus	Describe the characteristics of plateaus Distinguish between Intermontane, continental and lava plateaus Appreciate the various uses of plateau	
	Plains	Describe the formation of fertile plains Explain why the plains are densely populated Discus the significance of plains in human settlement	

Web Link <https://www.britannica.com>democracy>constitution>

<http://mocomi.com/landforms/>

DECEMBER Number of working days-20

Social & Political Life Ch- 5. Panchayati Raj System	Structure of the Panchayati Raj	Know and understand the first tier of democratic system- The Panchayati Raj at the village level Describe the formation of Gram Panchayat Explain the role of Gram Sabha and Gram Panchayat	
	Rural government at Block and District level	List the functions of the Block Samiti and District level government Classify the powers and responsibilities of the state government at different levels	
History Ch- 11. The Gupta and Post Gupta Period	Chandragupta-I (320-335 CE)	Know about the emergence of powerful dynasty by the end of 3rd century CE and ruled the sub continent for almost 2 centuries List the archaeological and literary evidences like inscriptions and coins Describe the extent of dynasty under the rule of Samudragupta Define Prashati	

	Chandragupta-II (375-415 CE)	Describe the extent of the dynasty by establishing the martial relationships with the neighbouring kingdoms List the 'nine gems' of Vikramaditya's Court Discuss the merits and demerits of the administration and revenue policies Explain the reasons of the decline of the dynasty Know about the foreign invasions from central Asia	
	Harshavardhana(606-647)	Know and explain about the different rulers who ruled the smaller regions after the Gupta dynasty Elaborate the administration and revenue policies of the rulers of the South India from 606-668 CE. 3)	
History Ch- 12. Culture and Science in the Ancient Period	Literature	Know about the development in literature both religious and secular List the various religious literature composed during the ancient period Identify the significance of the secular literature of the period composed by the foreign travellers	Collage- Pasting the pictures of the scientific, literary and Architectural developments of the period
	Art and Architecture	List the temples constructed by different Hindu rulers especially in South India. Identify the significance of temples as to mark the victory over the kingdom conquered Describe the temples as administrative and cultural centre Know the various paintings, sculpture and the architectural techniques of the period Define Grabhgriha and Shikara List the stupas, saghas, pillars, viharas and monastries constructed during the period	
	Science	Know about the development in the field of science, astronomy, mathematics and medicine during the period	

		List the eminent personalities like Chakra for Aayurveda, Sushruta in cosmetic surgery, Dhanvantri as physician, Aryabhata and Varahamihira were mathematicians and astronomer	
Social & Political Life Ch- 7. District Administration	Structure of District Administration	Explain the structure of administration at the district level List the role and responsibilities of District Collector	
	Law and Order and Judicial Administration	Relate the duties of Police in the district in maintaining the law and order Describe the Judicial system at District and state level	
Web Link	http://www.yourarticlelibrary.com/politics/the-three-tier-system-of-panchayati-raj-in-india/4827 https://www.ancient.eu>Guptaempire		
JANUARY			
Number of working days-14			

COMPUTER**APRIL Number of working Days-20**

Topic	Sub-Topics	Expected Learning Outcomes Learners will be able to:	Activities
Computational Thinking	Computational Thinking Components Analysis Decomposition Pattern Recognition Abstraction Algorithms Importance of Computational Thinking	Describe the skills that are involved in computational thinking . Define and use the concepts of abstraction as modelling and abstraction as encapsulation. Understand the distinctive nature of computational thinking To filter out information that is not necessary to solve a certain type of problem and generalize the information that is necessary.	Group Discussion Importance of analysis element of Computational Thinking Writing and presenting the algorithm in plain language vs flowchart.
Computer language	Machine Language Assembly Language High Level Language Fourth Generation Language	Study the need and objectives of programming languages including language translators such as Assembler, Interpreter, Compiler and different levels of programming languages namely Machine language, Assembly language and High Level Languages	Make a power Point Presentation on topic Development of Artificial Intelligence
Web Links	https://www.slideshare.net/sowj8o8/generation-of-computers-25845330 https://www.slideshare.net/hashqgeneration/computer-languagesppt		

MAY Number of working days:-10

More on windows7	Windows Media Player Displaying Two Windows at a Time Exploring Pictures /Disk Cleanup More On Windows 7	Understand about Windows Media Player Displaying two Windows at a time Differentiate between Rip and Burn a CD/DVD Remove unnecessary files from hard disk to free up disk space. Learn some more features like Touch Screen, SNAP, SHAKE, AERO FLIP 3D , SEARCHING MADE EASIER, WINDOWS 7 TASKBAR, JUMP LIST , WINDOWS MEDIA CENTER , WINDOWS MOBILE	
Web Links	https://www.youtube.com/watch?v=3Bd2H2Hss5s https://www.topwin-movie-maker.com/tutorials.html		

JULY Number of working days:-20

Mail Merge	Creating a Mail Merge Document Creating Recipient List Inserting Merge Fields	Understand the use of Mail Merge Wizard Understand How to re-assign fields using the matching fields too	Prepare a list (Data Source) of your friends. Using Mail Merge Feature, Create an invitation letter and invite them on your " Birthday Party "
Microsoft Power Point 2010	Inserting a Table Entering Data in a Table Table Tools/ Formatting a Table style Aligning Text A charts in Power Point Components of Chart Inserting a Chart / Changing the Chart Type Formatting a Chart	Organise the information in a tabular format using Table Tools in Power Point Presentation.	Group Discussion " Microsoft PowerPoint 2010- A Strong Communication Tool " Support this statement with examples
Web Links	https://www.youtube.com/watch?v=Vn_bR1AIV-s https://support.office.com/en-us/article/mail-merge-using-an-excel-spreadsheet-858c7d7f-5cc0-4ba1-9a7b-0a948fa3d7d3 https://edu.gcfglobal.org/en/word2016/mail-merge/1		

AUGUST Number of working days- 20

Microsoft Power Point 2010 cont..	A charts in Power Point Components of Chart Inserting a Chart / Changing the Chart Type Formatting a Chart	Display data in a graphical and pictorial form using chart . Do some formatting to improves the appearance of a chart	Your school raised some funds from each class, i.e., 1to 10 for the city orphanage. Keep the record of this collections. Create a table in PowerPoint and define the collection from each class. Further convert the data into a chart
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Animating Text and Objects	Applying Animation Effects Adding Transition effects Inserting Sound Clips/ Video Clips Using Action Buttons/ Importing Data from word	Move objects like text ,charts ,logos etc by applying animation effects. Apply transition effects. Differentiate between Animation & Transition Effects	
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Web Links	https://www.youtube.com/watch?v=Ft05yQUOej4 https://www.youtube.com/watch?v=5q484k1JyGY https://edu.gcfglobal.org/en/powerpoint2010/getting-started-with-powerpoint/1/		
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OCTOBER Number of working days-17

Microsoft Excel 2010	Features of excel Starting Microsoft Excel Workbook and Worksheet Components of a Worksheet Moving around the spreadsheet Entering Data / Types of Data Performing Calculation Working with Worksheet / Saving a Workbook	Identify ways of utilizing Excel as a tool Identify and create a spreadsheet. Successfully record data and be able to create, copy and paste formulas and functions. Acquire information using various resources. Understand about standard and formatting toolbars and menus within Excel. Differentiate between worksheets & workbooks. Cells, Columns, Rows, and Excel cursors. Use the basic formulas in Excel.	Help your mother in maintaining the household expenses in Microsoft Excel. While creating an excel sheet, include all the necessary
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Editing Worksheet	Selecting Cells Entering Numbers as Text , Data and Time Changing Cell Content Using Undo and Redo Feature Inserting Columns and Rows Copying and Moving Data Using Auto Fill Feature	Select a group of cells to perform various operations Insert blank cells ,rows, or columns in a worksheet Copying data either in the same worksheet or in different worksheet Change the position of data either in the same worksheet or in different worksheet Fill data in cells automatically.	columns for the same. Calculate the expenses using Auto Sum feature of Microsoft Excel.
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Web Links	https://www.youtube.com/watch?v=nDxo1gT8LGy https://www.youtube.com/watch?v=hBy7BZs-zx0		
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NOVEMBER Number of working days-20

Log on to Animate Cc	What is Animate? How to start Animate? The Animate Workspace Tool Panel Frame by Frame technique to animate	Understand the concepts of Adobe Animate Cc and terminology. Identify operation tools of Animate CC. Describe how these tools are used to create motions twins, animations and symbols. To import and use images and sounds in Animate cc.	Type DELHI PUP LIC SCHOOL, by using the Text Tool .Change the colour of each alphabet and animate the text
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		Organize thoughts and ideas to complete tasks. Produce creative works on Animate CC Create the animation in Animate with the help of Frames.	using Frame by Frame technique
Web Links			
DECEMBER Number of working days-20			
Working with Animate CC	Symbols and Animation How to create a Symbol? Using Animation Create a Motion Tween Shape Tween Motion Guide Classic Motion Guide How to Paint Stylish Strokes on the Stage	Identify a motion tween on a timeline create animations with motion tweening (including position, Size, color and rotation) Define common tweening vocabulary. Produce creative works on Animate CC Make their own brush stroke.	Draw a few flowers, a butterfly and the Sun, using Oval and pen tool. Animate the sun using Motion Tween and, butterfly using Motion Guide Tween
Web Links	https://www.youtube.com/watch?v=dYWWNtOrQUc https://www.youtube.com/watch?v=M-SDg9tilHM		
JANUARY Number of working days-14			
Introduction to HTML 5	HTML HTML Editor Creating a web Page Using HTML Editor Viewing an HTML Document HTML Document Structure Basic HTML Tags More Tags in HTML Attribute of Body Tag Cascading Style Sheets	The basic concepts of HTML Read, write and identify HTML tags in a page Explore the basic structure of a web page Define directory structures and how they impact html code Define the information on a web page is formatted or displayed. Write the HTML Code. Make CSS syle sheet that provides the set of style rules Make HTML document using IN-LINE method, Internal Or Embedded sheet method and External Style Sheet method.	Create a web page for the website of your school, which will displayed the 1 st three rank holders of classes 1 to 10 .The title of the page should be, Achievers of the year. Make use of appropriate tags and different Background properties.
Web Links	https://www.youtube.com/watch?v=RLtRGVxuGQU https://www.khanacademy.org/computing/computer-programming/html-css/intro-to-html/v/making-webpages-intro https://www.khanacademy.org/computing/computer-programming/html-css/intro-to-html/v/making-webpages-intro		

FRENCH**APRIL Number of working days- 20**

Topic	Sub-Topics	Expected Learning Outcomes Learners will be able to:	Activities
L-0 Vous connaissez la France	About France and culture	French culture	Collect the pictures of famous things of France
L-1 Les salutations	Greetings	Presenting someone	
Web links	https://www.youtube.com/watch?v=8lq06KUDRtU		

MAY Number of working days-10

L-2 Compter ensemble	L'alphabet Les nombres 1-50	Spellings of noun and counting	
WebLinks	https://www.youtube.com/watch?v=UsEz58BblMY		

JULY Number of working Days-20

L-3 Les copains	Verbes Articles Pronoms Pluriel de noms, Profession Nombre cardinaux	Present an object or a person	Presentez votre ami(e)
L-4 Devinez	Question Formation	counting, putting up questions	
Web Links	https://www.youtube.com/watch?v=zs-mE46R8t4		

AUGUST Number of working Days-20

L-5 Dans la classe	Verbe Avoir Adjectifs	Describing someone	Decrivez votre mere et pere
Web Links	https://www.youtube.com/watch?v=zs-mE46R8t4		

OCTOBER Number of working Days-17

L-6 Les amis de Caroline	Nationalites Articles Pluriel masculin/feminin	Nationalities in French	
Web Links	https://www.youtube.com/watch?v=eGV7putdqU		

NOVEMBER Number of working Days-20

L-7 Quel jour sommes-nous?	Verbe Aller	Days of week	Action/Reaction
Web Links	https://www.youtube.com/watch?v=Ru9pCQDV1eE		

DECEMBER Number of working Days- 20

L-8 La famille de Manuel	Verbes (ER)	Describing a family	Decrivez votre Famille
L-9 les vacances	Les mois de l'annee	describing vacations	Paste the pictures of 5 flags and write their colours in French
Web Links	https://www.youtube.com/watch?v=i3qqqpxxtql		

JANUARY Number of working Days-14

L-10 Le drapeau de mon pays	Les couleurs	Flags of different countries with colours	
Web Links	https://www.youtube.com/watch?v=JkQGN86qTag		

SANSKRIT			
APRIL Number of working days- 20			
Topic	Sub-Topics	Expected Learning Outcomes Learners will be able to:	Activities
वर्णमाला	स्वर, व्यंजन, अनुस्वार, विसर्ग, संयुक्तव्यंजन, वर्णविच्छेद और वर्णसंयोग	स्वर, व्यंजन, अनुस्वार, विसर्ग, हलन्त संयुक्त व्यंजन, वर्णविच्छेद और वर्णसंयोग का ज्ञान	वर्णविच्छेद तथा वर्णसंयोग
प्रथमः पाठः एषः बालकः अथवा एषा बालिका	लट् लकार धातु- पठ, लिख	एषः और एषा शब्दों के अर्थ का ज्ञान, लिंग, विभक्ति, धातु तथा वचनों का ज्ञान	
द्वितीयः पाठः एते बालकाः अथवा एताः बालिकाः		एते और एताः शब्दों के अर्थ का ज्ञान, लिंग, विभक्ति, धातु तथा वचनों का ज्ञान	
MAY Number of working days-10			
धातुरूप प्रकरण	लट् लकार- पठ, भू लृट् लकार- लिख, गम (गच्छ)	लकार का अर्थ व भेद, पुरुषों तथा वचनों का ज्ञान, धातुओं में जुड़ने वाले प्रत्ययों का ज्ञान	
तृतीयः पाठः त्वं किम करोषि		धातु, लिंग, विभक्ति, वचन, अव्यय तथा त्वं सर्वनाम शब्दों का ज्ञान	फ्लैश कार्ड द्वारा सर्वनाम शब्दों तथा धातुओं की गतिविधि
JULY Number of working Days-20			
संख्या (१-३०)		संख्याओं (१-३०) का ज्ञान	
चतुर्थः पाठः यूयं किम कुरुथ	शब्द रूप पत्र	धातु, लिंग, विभक्ति, वचन, अव्यय तथा यूयं सर्वनाम शब्दों का ज्ञान	
पञ्चदशः पाठः सूक्तयः		सूक्तियों के अर्थ का ज्ञान	कंठस्थ श्लोक का भावार्थ सहित वाचन
AUGUST Number of working Days-20			
कारक तथा विभक्ति	चित्र वर्णन	कारक तथा विभक्तियों का ज्ञान	कारक तथा विभक्ति तालिका
पञ्चमः पाठः तौ बालकौ/ ते बालिके किम कुरुतः	संवाद लेखन	धातु, लिंग, कर्म कारक विभक्ति, द्विवचन, अव्यय तथा सर्वनाम शब्दों का ज्ञान	

अष्टमः पाठः अहम् पश्यामि		सर्वनाम शब्दों,लिंग,धातु,कर्म कारक द्वितीया विभक्ति,वचन,अव्यय शब्दों तथा अहम् के साथ जुड़ने वाले प्रत्ययों का ज्ञान	
OCTOBER Number of working Days-20			
नवमः पाठः सः कलमेन लिखति		सर्वनाम शब्दों,लिंग,धातु,करण कारक तृतीया विभक्ति,वचन तथा अव्यय शब्दों का ज्ञान	कुछ शब्दों के चित्र दिखाकर उन शब्दों के पर्यायाः शब्दों को लिखे
दशमः पाठः सः पठनाय गच्छति		सर्वनाम शब्दों,लिंग,धातु,,वचन तथा अव्यय शब्दों का ज्ञान ,चतुर्थी विभक्ति में जुड़ने वाले प्रत्ययों का ज्ञान	
व्याकरण- पर्यायाः एवं विपर्यायाः		पर्यायाः तथा विपर्याया का अर्थ तथा शब्दों का ज्ञान	
NOVEMBER Number of working Days-17			
एकादशः पाठः सः अध्यापकात् पठति	चित्र वर्णन	सर्वनाम शब्दों,लिंग,धातु,अपादानकारक पंचमी विभक्ति,वचन,अव्यय शब्दों तथा पंचमी विभक्ति के साथ जुड़ने वाले प्रत्ययों का ज्ञान	गद्यांश में से अव्यय शब्दों को छाँटकर लिखे
सरल गद्यांश		गद्यांश के अर्थ का ज्ञान	
DECEMBER Number of working Days- 20			
द्वादशः पाठः राहुलस्य विद्यालयः	संवाद लेखन	सर्वनाम शब्दों,लिंग,धातु,सम्बन्ध कारक षष्ठी विभक्ति,वचन,अव्यय शब्दों,षष्ठी विभक्ति के साथ जुड़ने वाले प्रत्ययों तथा संस्कृत साहित्य की महान कृतियों का ज्ञान	संस्कृत में एक श्लोक कंठस्थ करे
त्रयोदशः पाठः सः विद्यालये पठति		सर्वनाम शब्दों,लिंग,धातु,अधिकरण कारक सप्तमी विभक्ति,वचन,अव्यय शब्दों तथा सप्तमी विभक्ति के साथ जुड़ने वाले प्रत्ययों का ज्ञान	
JANUARY Number of working Days-14			
सप्तदशः पाठः मम वाटिका		संज्ञा, सर्वनाम,लिंग,धातु, विभक्ति,वचन,अव्यय शब्दों तथा विभक्तियों के साथ जुड़ने वाले प्रत्ययों का ज्ञान	
अष्टदशः पाठः पंजाब प्रदेशः		संज्ञा, सर्वनाम,लिंग,धातु, विभक्ति,वचन,अव्यय शब्दों तथा विभक्तियों के साथ जुड़ने वाले प्रत्ययों का ज्ञान	

ART

APRIL Number of working days- 20

Topic	Sub-Topics	Expected Learning Outcomes Learners will be able to:	Activities
Introduction of art's elements How to draw	Colour Drawing materials Drawing terms	Explore drawing Know the key art movements	Drawing of fruits and vegetables

MAY Number of working days-10

Introduction of colours How to do colouring	Primary colour Secondary colour Hot and Cool colour Totems : North American Art	Illustrate of colours Experience with Tribal Art	Totem show piece on thermocol
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JULY Number of working Days-20

Water Colour Technique	Flower Colouring Tree colouring	Learn to Colour Theory Simply to Improve Painting Skill	Colouring Step by Step
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AUGUST Number of working Days-20

Collage making	Collage making	Knowledge of collage making Knowledge of tearing and pasting	Collage making
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OCTOBER Number of working Days-20

Diwali craft Thali Decoration	Thali decoration	Explore mixed media Develop their craft ability	Thali decoration
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NOVEMBER Number of working Days-17

Face study	Parts of face Expression sheet	Develop their drawing ability Improves face study	Face study
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DECEMBER Number of working Days- 20

Christmas craft	Snow man Reindeer Santa with waste bottle	Create an idea with craft work Knowledge of 4D craft work	Use of waste bottle craft
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JANUARY Number of working Days-14

Cartoon drawing	Different expressions	Knowledge of cartoon drawing	Cartoon drawing
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SPORTS

APRIL Number of working days-20

Topic	Sub-Topics	Expected Learning Outcomes Learners will be able to:	Activities
Football	Kicking Dribbling Receiving	Students will learn how to kick the ball with different part of the foot Students will learn how to receive the oncoming grounded ball	Two touch passing Dribbling & passing Receive & turn

MAY Number of Working Days-10

Football	Goal keeping Trapping Throwing	Students will learn how to grip the ball Students will learn how to trap a Arial ball Students will learn how to throw the ball	Students will learn Under arm throw and gripping Students will Upper arm throw and W gripping Students will learn how to do throw in
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JULY Number of Working Days-20

Cricket	Batting Bowling Fielding	Students will learn how to grip the bat, body position, judgement of the ball & types of stroke. Students will learn how to grip the ball, line and length of the bowling. Students will learn the catching and throwing skills	Front foot defence with straight bat high catches or flat catches. Running through two rows of tires set up side by side Sprints with parachute behind them to create resistance Set up 6 inch mini- hurdles in row with the athletes running over them in all direction.
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AUGUST Number of Working Days-20

SA 1	Physical Fitness test	Student can evaluate their physical fitness	<ul style="list-style-type: none"> • Agility • Speed • Jump • Flexibility
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OCTOBER Number of Working Days-17

Athletics	Running event	Students will learn <ul style="list-style-type: none"> • The types of start • Hand movement • Leg movement • Body position • Acceleration phase 	<ul style="list-style-type: none"> • Starting practice • Hand movement with help of shoe laces • Ladder activity • Acceleration runs
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NOVEMBER Number of Working Days-20

Athletics	Jumping event	Students will learn <ul style="list-style-type: none"> • Types of jumping event • Styles of jump • Approach • Take off • Landing 	<ul style="list-style-type: none"> • Body position during styles • Hand and leg movement practice during approach run • Take off practice with strong foot • Landing practice on both foot
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DECEMBER Number of Working Days-20

Basketball	Dribbling Passing Throwing	Students will learn <ul style="list-style-type: none">• How to dribble• How to pass• How to throw	<ul style="list-style-type: none">• Dribble till waist height and move• Chest pass and move• Bounce pass and move• Overhead throw and move
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JANUARY Number of Working Days-14

SA 2	Physical Fitness test	Student can evaluate their physical fitness	<ul style="list-style-type: none">• Agility• Speed• Jump• Flexibility
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DANCE**APRIL Number of working days- 20**

Topic	Sub-Topics	Expected Learning Outcomes Learners will be able to:	Activities
Jazz Happy mind dance		Coordination in body with music Trying to relax mind with dance	Jumping Doing energetic Steps Attitude jazz walk Body stretches

MAY Number of working days- 10

Bhangra		Energise and understanding rythm	Foot and hand codination Circles Working on expressions Understand the rythm
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JULY Number of working Days-20

Hip Hop	Basic hip hop Break dance Easy stunts	Understanding western music and rythm	Jumps Basic hiphop dance routine Energising body and mind
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AUGUST Number of working Days-20

Patriotic dance		Preparing for any school event	ent school events
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OCTOBER Number of working Days-17

Koli dance form		derstanding the rythm and energy as it is a Maharashti form	c koli dance routine
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NOVEMBER Number of working Days-20

Basic Chav		Connecting body with rythm	foot and hand chav ments and postures
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DECEMBER Number of working Days- 20

Basic Contempory		Working on expressions and emotions	ches, hand and foot alignments
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JANUARY Number of working Days-14

Semi Classical		Understand teentaal	Basic footwork with Basic hand postures and work on expressions
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Music			
APRIL/MAY Number of working days-20			
Topic	Sub-Topics	Expected Learning Outcomes learners will be able to:	Activities
Introduction of instruments	TaalVadya, SushirVadya, DhanVadya, AvnadVadya, DhanVadya, AvnadVadya	Learn about VadyaVargikaran	Bhajan Achyutam Keshavam with tabla Accompany Bhajan taal bol : dhi na dhi dhi na l ti na ti ti na Prayer Song : Make me a channel -Drums & Congo : BBM BMBM B T T - 1 & 2 & 3 & 4
JULY Number of working days-20			
Song	God's Love Alankar Parichay-1	Know about Alankar	Krishan bhajan : Choti Choti Gaiya Chote Gwal tabla and congo Tabla Congo beat : dha ge na na tie na ka dhi na
AUGUST Number of working days-20			
Song	Patriotic Song	Know about Patriotism	Patriotic Song : Sare Jahan Se Acha Tabla bol : dha titey titey l Ta titey dhin dhin
OCTOBER Number of working days-17			
Song	Make me a channel AlankarParichay 3	Know about hymn and devotional songs	Diwali song : Aai Diwali Re Congo and tabla beat : dhin tak dhin tak Preparation of sports day
NOVEMBER Number of working days-20			
Saraswati Vandana	AlankarParichay 4	Know how to sing Saraswati Vandana	Ma Saraswati Sharde Congo beat : 1 & 2 & 3 & 4
DECEMBER Number of working days-20			
Christmas Carols	Gloria Deck the halls AlankarParichay 5	Why we celebrate Christmas What are Carols?	Hark the Herald beat : dhin tak dhin dak
JANUARY Number of working days-14			
Patriotic Song	AlankarParichay	Know Alankar	Patriotic Song : Aao Bachcho Tumhe Dikhaye Horse beat : dhin tak dhin dak