

TAURIAN WORLD SCHOOL

Ranchi



Grade VI

Curriculum 2017-18

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Subject: English

NO. OF PERIOD	TOPIC	LEARNING OBJECTIVES / SKILLS TO BE DEVELOPED	ASSESSMENT / ACTIVITIES	LEARNING OUTCOMES
APRIL & MAY 25	Literature Reader:- 1.Sailor Jim’s Telescope A Multi skill Course book & Workbook :- 1.People who do good for others	1.Test the students close reading of the passage 2. Longer text based questions test the student’s ability to understand reproduce information in a coherent way. 3. Analyse the text for deeper meaning 4.Tests student’s understanding of the new words and use them contextually 5.Tests student’s on the structural aspect of verse such as rhyme and figure of speech * Comprehension Ability * Idiomatic phrases : American English & British English * Simple Past & Past Continuous * Pronunciation : Syllable and word stress * Listening to a conversation on making requests and choosing the correct answer and gap filling	Comprehend story through drilling exercises and summary. Presentation of characters from stories studied 3. Fill in the gaps 4. Complete the crossword with the words from the story * Gathering information about animal welfare organizations and completing a table * Making a poster * Role Play	Students will be able to * Reproduce information after reading a text * They will be able to analyse the what they have read * Develop grammatical control of complex sentences, manipulating them for effect

NO. OF PERIOD	TOPIC	LEARNING OBJECTIVES / SKILLS TO BE DEVELOPED	ASSESSMENT / ACTIVITIES	LEARNING OUTCOMES
JUNE 12 (Now to begin from June 20th)	Literature Reader:- 2. Indian Weavers A Multi skill Course book & Workbook :- 3. Amusing Incidents	1. Identify and discuss the main analytical concepts used in analysing poetry. 2. Longer text based questions test the student's ability to understand reproduce information in a coherent way. * vocabularies: Proverbs related to cats, antonyms, unscrambling words * Grammar: Phrases and Clauses * Writing : Punctuations (hyphens & dashes)	1. One minute oral presentation of the chapter "Indian Weavers" 2. Answer questions from the stories * Listening to a passage and answering questions * Pair Work: Enacting given situation * Writing about and embarrassing incident * Writing an acrostic poem	* Students will punctuate effectively to mark out the meaning in complex sentences * Learners will explore proverbs, sayings and figurative expressions

NO. OF PERIOD	TOPIC	LEARNING OBJECTIVES / SKILLS TO BE DEVELOPED	ASSESSMENT / ACTIVITIES	LEARNING OUTCOMES
August 23	Literature Reader:- 4.The waters of Olive Lake 8.Then Laugh Course book & Workbook :- 2.Project one: Wildlife Conservation 3.Life skills: Dealing with a suspicious object	1. Test the students close reading of the passage 2. Analyse the text for deeper meaning 3.Tests student's understanding of the new words and use them contextually · A mock test to check student's understanding of the all the chapters taught	* Writing a paragraph about your wish and how it would change your life and the life of people around you. * Writing a scary story and share the stories to find out who has written the scariest story	Learners will use spoken language well to persuade, instruct or make a case e.g. in a debate or presentation
September 22		REVISION	REVISION	REVISION

NO. OF PERIOD	TOPIC	LEARNING OBJECTIVES / SKILLS TO BE DEVELOPED	ASSESSMENT / ACTIVITIES	LEARNING OUTCOMES
OCTOBER 18	Literature Reader:- 5.The Electric Caterpillar 6.The Why Why girls Course book & Workbook :- 5.Food	1. Test the students close reading of the passage 2. Analyse the text for deeper meaning 3.Tests student's understanding of the new words and use them contextually * Word Definitions- * Usage of 'have to' and 'don't have to 'must and mustn't * Idioms with word pronunciation, have to and has to	* Writing ten questions starting with 'why' and sharing it with the rest of the class. Later on try to answer them * Listening to a passage and choosing the correct answer and gap filling * Writing an email and sharing a recipe * Categorizing food items Preparing a calorie chart	* Students will plan plot, characters and structure effectively in writing an extended story
NOVEMBER 20	Literature Reader:- 7.The Darkmaster's Challenge Course book & Workbook :- 6. Sports	1. Test the students close reading of the passage 2. Longer text based questions test the student's ability to understand reproduce information in a coherent way. 3. Analyse the text for deeper meaning 4.Tests student's understanding of the new words and use them contextually * Active and passive voice articles * Dictionary work: using play, do, go in sports and leisure activities	* Pair work: Interviewing someone using the phrases given * Writing a report of a sporting event for the school magazine * Gathering information about 2016 Olympic Games	* Students will develop grammatical control of complex sentences, manipulating them for effect * Students will explore active and passive verbs within sentences

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DECEMBER 19	Literature Reader:- 10.A Tiger in the House Course book & Workbook 7.Looking back and looking forward Project 2 Important even in space history	Test the students close reading of the passage 2. Analyse the text for deeper meaning 3.Tests student’s understanding of the new words and use them contextually Contextual Vocabularies: homonyms, parts of speech The second conditional prepositions Prefix and suffixes	* Working with a partner and creating another ending of the story giving it a twist * Writing a diary entry after travelling to another planet * Writing a paragraph on a scientific invention	Students will understand the conventions of Standard English usage in different forms of writing. They will look for information in non-fiction texts to build on what is already known
JANUARY 28	Literature Reader:- 9.The Six Fools 11.The Father’s Treasure Course book & Workbook Project 2 Life Skills 2	* Students will learn to read and interpret poems in which meanings are implied or multi-layered. * Test the students close reading of the passage * Analyse the text for deeper meaning * Tests student’s understanding of the new words and use them contextually	* Working in groups to choose six of the cleverest people and then present choices to the rest of the class. They need to give reason for their choices	

Subject: Hindi

NO.OF PERIODS	TOPICS	OBJECTIVE	ACTIVITY	LEARNING OUTCOMES
<p>APRIL,MAY</p> <p>14 periods</p> <p>7 periods</p>	<p>व्याकरण भाषा, वर्ण विचार, विलोम शब्द (1-20) पर्यायवाची (1-20) अनेकार्थक शब्द (1-20) मेधा (पाठ-1) मेरा प्रतिपल सुंदर हो (कविता)</p>	<p>भाषा का शुद्ध रूप का ज्ञान भेद, विशेषता वर्णों की जानकारी देना, लिपि की जानकारी देना, अर्थ समझना भावार्थ जानना कविता स्मरण करना राष्ट्र की भावना जागृत करना पठन पाठ प्रश्नोत्तर</p>	<p>क्रियात्मक गतिविधि-1 र की विभिन्न मात्राओं का प्रयोग करें। क्रियात्मक गतिविधि –मेरा प्रतिपल सुंदर हो कविता कासचित्र वर्णन एक स्टिक फाइल में करें। ग्रीष्मावकाश गृहकार्य</p>	<p>बच्चे भाषा और बोली के अंतर को समझेंगे। भाषा में लिपि के महत्व को जानेगे। भाषा को कितने प्रकार से बोला जा सकता है ,इसकी जानकारी प्राप्त करेंगे बच्चों में उज्ज्वल भविष्य हेतु ईश्वर वंदना का भाव जागृत होगा। देश प्रेम एवं स्वाभिमान की भावना जागृत होगी तथा अपने कर्तव्य को लेकर बच्चे दृढ प्रतिज्ञ होंगे।</p>
<p>JUNE</p> <p>7 periods</p> <p>7 periods</p>	<p>मेधा (पाठ-2) ईदगाह (कहानी) (पाठ-3) फूल का मूल्य (लघुकथा))</p>	<p>कहानी पठन शुद्ध उच्चारण शब्दार्थ कठिन शब्द शब्दकोश का प्रयोग चार्ित्रिक विशेषता बुद्ध का जीवन चरित्र तदभव तत्सम् शब्दों की जानकारी। भाव स्पष्टीकरण</p>	<p>क्रियात्मक गतिविधि-2 चित्र के माध्यम से अनुच्छेद लेखन</p>	<p>कर्मशील बनने की प्रेरणा सिर उठाकर जीना। धीरज धारण करना। प्रेम,त्याग समर्पण की भावना जागृत होना,कर्तव्य निष्ठा के भावना का विकास होना।</p>

NO.OF PERIODS	TOPICS	OBJECTIVE	ACTIVITY	LEARNING OUTCOMES
JULY 10 periods 15 periods	मेधा (पाठ-5) फूल और काँटा (कविता) (पाठ-6) एलबम <u>व्याकरण</u> शब्दविचार उपसर्ग और प्रत्यय	नाटक विधा से अवगत करना। शुद्ध उच्चारण शब्दार्थ कठिन शब्द भाव स्पष्टीकरण ऐतिहासिक घटनाओं की जानकारी। शब्दविचार के अंतर्गत बच्चे शब्द की उत्पत्ति की जानकारी प्राप्त करेंगे।	क्रियात्मक गतिविधि-3 निबंध-	दया और सहानुभूति और देश प्रेम की भावना का विकास होगा। अच्छाई और बुराई का निर्णय करना सीखेंगे। रूढ़, रौंगिक योग रूढ़, तद्भव तत्सम् आदि शब्दों में बच्चे अंतर करना सीखेंगे। उपसर्ग और प्रत्यय को जोड़कर बच्चे शब्द बनाना सीखेंगे।
AUGUST 12 periods 14 periods	<u>मेधा</u> (पाठ-8) भीष्म पितामह (कहानी) (पाठ-11) अब्दुल कलाम (जीवन परिचय) <u>व्याकरण</u> संज्ञा, निबंध पत्र	शुद्ध उच्चारण शब्दार्थ कठिन शब्द पठन पाठन अभिव्यक्ति कौशल प्रेरणा ग्रहण। पत्र, निबंध लेखन की विधि सीख पाएँगे। शुरूआती जानकारी पता लिखने की जगह स्पष्ट लेखन भाषा सरल विराम चिह्न का प्रयोग विषय से संबंधित	क्रियात्मक गतिविधि-4 अब्दुल कलाम का सचित्र जीवन परिचय एक स्टिक फाइल में करें।	पौराणिक कथाओं के माध्यम से जीवन में दृढ़ निश्चय एवं कर्त व्य निष्ठा के भाव जागृत होना। प्रेरक व्यक्तित्व के माध्यम से सादगी निश्चलता एवं लगन का पाठ सीखना। औपचारिक एवं अनौपचारिक पत्र लिखना सीखेंगे। सभी नामों को संज्ञा कहते हैं इसकी जानकारी प्राप्त करेंगे।
SEPTEMBER	<u>पुनरावृत्ति</u>			

NO.OF PERIODS	TOPICS	OBJECTIVE	ACTIVITY	LEARNING OUTCOMES
OCTOBER 7 periods 7 periods	<u>मेधा</u> (पाठ -14) छोटा जादूगर (कहानी) (पाठ -15) बाललीला (सूरदास के पद) <u>व्याकरण</u> सर्वनाम विशेषण,	कहानी पठन शब्दार्थ जानेंगे व कठिन शब्द का उच्चारण कर पाएँगे प्रश्नोत्तर अर्थ बोध ,ब्रजभाषा से अवगत होना,पदवाचन । परिभाषा भेद उपयोग	क्रियात्मकगतिविधि-5 एक से दस तक कीसंख्या लिखें और प्रत्येक संख्या से एक वाक्य बनाएँ जो विशेषण का बोध कराए ।	बच्चे में मातृप्रेम की भावना जागृत होगी ।साहस एवं स्वाभिमान जैसे भावों का विकास होगा ।करुणा जैसे भाव विकसित होंगे । लोकभाषा की जानकारी प्राप्त करेंगे । कृष्ण के बाल सौन्दर्य से परींचित होंगे । सर्वनाम के भेदों का उपयोग करना सीखेंगे । विशेषण की अवस्थाओं का उपयोग करना सीखेंगे ।
NOVEMBER 7 periods 18 periods	<u>मेधा</u> (पाठ-16) काकी (कहानी) <u>व्याकरण</u> क्रिया कारक, अनेक शब्दों के एक शब्द	पाठ वाचन अपठित गद्यांश सही/गलत का चुनाव शब्दार्थ जानेंगे व कठिन शब्दका उच्चारण कर पाएँगे प्रश्नोत्तर नए-नए शब्दों का ज्ञान होगा क्रिया की जानकारी क्रिया के भेदों के बारे में जानेंगे । कारक के चिह्नों की जानकारी प्राप्त करेंगे ।	क्रियात्मकगतिविधि-6 कहानीलेखन	मातृप्रेम की भावना विकसित होगी । एक मातृहीन बालक के दुख और उसके कोमल भावनाओं को समझेगे ।जीवन के शाश्वत सत्य से उनका परिचय होगा । क्रिया और धातु में बच्चे अंतर करना सीखेंगे । क्रिया के विभिन्न भेदों का प्रयोग करना सीखेंगे । कारक की विभक्तियों का प्रयोग कैसे किया जाता है इसकी जानकारी प्राप्त करेंगे ।

NO.OF PERIODS	TOPICS	OBJECTIVE	ACTIVITY	LEARNING OUTCOMES
DECEMBER 7 periods 12 periods	<u>मेघा</u> (पाठ -17)माँ,कह एक कहानी (कहानी) <u>व्याकरण</u> काल मुहावरा	कविता वाचन सुरलय में पठन कविता का भावार्थ सही/गलत कथन का चुनाव पद्यों को गद्य में लिखना विषय वस्तु का ज्ञान काल की परिभाषा काल के भेदों की जानकारी	क्रियात्मकगतिविधि-2 सामुहिकगतिविधि-आँख, कान, नाक, मुँह में से किसी एक पर अधिक से अधिक मुहावरा लिखें।	महात्मा बुद्ध के जीवन से परीचित होंगे।उनमें जीवरक्षा,दया,उदारता जैसे भाव विकसित होंगे।अहिंसा,न्याय प्रियता जैसे गुण विकसित होंगे। बच्चे वर्तमान, भूतकाल और भविष्यत काल के बीच के अंतर को समझेंगे। मुहावरे के अंतर्गत बच्चे यह समझेंगे कि यह एक ऐसे वाक्यांश हैं जिनका एक विशेष अर्थ होता है।
JANUARY 8 periods 13 periods	<u>मेघा</u> (पाठ -19)नेकी का फल (कहानी) <u>व्याकरण</u> श्रुतिसमभिन्नार्थक, पर्यायवाची	पठन पाठन अर्थ समझना शुद्ध उच्चारण शब्दार्थ कठिन शब्द अभिव्यक्ति कौशल प्रेरणा ग्रहण। एक ही शब्दों का विभिन्न रूपों में प्रयोग		बच्चों में सहायता,परोपकार,गंभीरता जैसे भाव विकसित होंगे।उनमें भी अडिगता आएगी।सच्चाई एवं ईमानदारी जैसे गुणों का विकास होगा। बच्चे एक ही शब्द के अनेक अर्थ को जानेंगे।

NO.OF PERIODS	TOPICS	OBJECTIVE	ACTIVITY	LEARNING OUTCOMES
FEBRUARY 12 periods 6 periods	<u>मेधा</u> (पाठ -21)अहिंसा कीविजय (कहानी) (पाठ -23)मैं सबसे छोटी हूँ (कविता) <u>व्याकरण</u> निबंध पत्र	शब्दार्थ जानेंगे व कठिन शब्द का उच्चारण कर पाएँगे पठन पाठ प्रश्नोत्तर जीवन जगत के प्रति करुणा स्वतंत्रता का महत्त्व मूल्य कठिन परिस्थिति का सामना आत्मनिर्भरता पत्र, निबंध। लेखन की विधि परिभाषा नियम शुद्ध उच्चारण।		बच्चे नए शब्दों से परिचित होंगे। गाँधी जी के जीवन से प्रेरणा ग्रहण करेंगे। उनमें देश प्रेम के भाव का संचार होगा। जीवन में माँ के महत्त्व को समझेंगे। औपचारिक एवं अनौपचारिक पत्र लिखना सीखेंगे।
MARCH	<u>पुनरावृत्ति</u>			

Subject: Science

NO OF PERIODS	TOPIC	SUB-TOPIC	LEARNING OBJECTIVES / SKILLS TO BE DEVELOPED	ASSESSMENT / ACTIVITIES	LEARNING OUTCOMES
20	Food	*Sources of food	<ul style="list-style-type: none"> * To understand the variety of food and its function *Classify sources of food . *To categorize animals on the basis of their nutrition. * To know the concept of food chain 	<ul style="list-style-type: none"> *Germination of seed as mung. *Preparing a chart on food habits of animals *Pen and paper test 	Students will be able to understand the various sources of food as animals and plants source. And will be able to recognize animals as herbivores, carnivores and omnivores.
		*Components of food	<ul style="list-style-type: none"> *To understand the different component of food and their function. * balanced Diet * To understand deficiency Diseases related to lack of nutrients. 	<ul style="list-style-type: none"> *Classifying food according to food component. *Test for starch, sugars, proteins and fats *Debate on balanced diet *Pen and paper test 	Students will be able to understand the components of food and its functions and the diseases related to its deficiency

NO OF PERIODS	TOPIC	SUB-TOPIC	LEARNING OBJECTIVES / SKILLS TO BE DEVELOPED	ASSESSMENT / ACTIVITIES	LEARNING OUTCOMES
35	Materials	*Separation of substances	*To understand what is pure and impure substances *Learn about mixtures and methods employed to separate it. *To do experiment to grasp solution and solubility.	*Discussion on threshing, winnowing. *Experiments on sedimentation, filtration, and separating mixture of salt and sand.	Students can understand the difference between pure and impure substances and how it can be separated.
		*Fibre to fabric	*To know about history of clothing *To understand the difference between natural and synthetic fabric *To know how clothes are made from fibre	*Simple activity to distinguish among different types of clothes. *Collecting information on locally available plant fibers *Pen and paper test	They would be able to differentiate between natural and synthetic fabric and distinguish among different types of clothes.
		*Sorting materials into groups	*To know about matter and materials. *To classify materials on basis of similarities and dissimilarities *To understand the states of matter and to study properties of materials.	*simple experiments to group things on the basis of gross properties like roughness, lustre, solubility	students will be able to classify materials on the basis of their properties and their states of matter
		*Changes around Us	*To learn about reversible and irreversible changes. *To know difference about physical and chemical changes *To study about the expansion and contraction of different materials	* Chart preparation on changes taking place around us discussing their reasons and results. *Pen and paper test	Students will be able to understand that some changes can be reversed and others cannot with the help of experiments

45	The World Of The Living	Things around us	<ul style="list-style-type: none"> *To learn about living and non-living things *To know about characteristics of living things *To understand about biotic and abiotic components of the environment 	<ul style="list-style-type: none"> * Listing of the things around us with their morphological characteristic *Pen and paper test 	Students would be able to understand the difference between living and non-living component of the world and will be able to correlate as how living things are similar and dissimilar .
		Plants	<ul style="list-style-type: none"> *To learn about different types of plants and plant system *To understand the function and modification of root, stem and leaf *To know about flower and fruits 	<ul style="list-style-type: none"> *To prepare a chart paper on different parts of flower *observing section of leaf its different arrangement and pattern. *Pen and paper test 	Students will be able to understand the structure and function of the various parts of plants and will be able to answer as how different flowers differ from one another.
		Movement in animals	<ul style="list-style-type: none"> *To learn about organization and structure of human body *Different types of movement in human body parts *Movement in animals like fish, earth worm, snake and cockroach 	Observation on movement and skeletal parts in other organism.	Students will be able to understand what is inside our bodies and how do animals move.
		Habitat of the living	<ul style="list-style-type: none"> *To learn about different types of habitat and the adaptations *To know the concept of acclimatization 	To make collage of different plants found in different habitat	Students will be able to answer and correlate as how habitat affect plants and animals

NO OF PERIODS	TOPIC	SUB-TOPIC	LEARNING OBJECTIVES / SKILLS TO BE DEVELOPED	ASSESSMENT / ACTIVITIES	LEARNING OUTCOMES
10	Moving Things, People and Ideas	Measurement and Motion	To learn about measurement, standard unit of measurement, need of measurement and motions and its types	*Identification and discrimination of various types of motion. *To measure length of any curved surface like leaves .	Students will understand difference between standard and non-standard unit and how is motion different from measurement
25	How things Work	Electric current and circuits	To learn about electricity, its sources, cells, simple electric circuits and safety rules while handling electric appliances	To prepare simple electrical circuit	Students will apply knowledge as how materials allow electric current to flow through them.
		Magnets	*To learn about natural and artificial magnets . *Its properties *Making of magnet *Earth as magnet	To prepare temporary magnets and observing bar magnets to find geographical directions	Students will be able employ their knowledge as how magnets sticks things and how it can be used to find directions
10	Natural phenomena	Light , Shadow and Reflection	*To build concept of light, source of light. *Formation of shadow , reflection of light . * Working of pinhole camera	*To make a model of pinhole camera *Visualization of solar and lunar eclipse formation.	Students will understand and will be able to make connection as how solar and lunar eclipse occurs and how human eye is similar to pinhole camera

NO OF PERIODS	TOPIC	SUB-TOPIC	LEARNING OBJECTIVES / SKILLS TO BE DEVELOPED	ASSESSMENT / ACTIVITIES	LEARNING OUTCOMES
30	Natural Resources	Importance of Water	<ul style="list-style-type: none"> *To learn about sources of water. * different states of water. *Importance of water. *Water cycle, scarcity of water. *Conservation of water 	<ul style="list-style-type: none"> *To prepare simple model of water cycle. *To perform activity with plants to see its growth in normal, deficient and excess water condition. 	Students will be able to understand the importance of water, and dependence of living on water and need to conserve water.
		Air	<ul style="list-style-type: none"> *To know about composition of air . * Significance of the component of the air. *Importance of air. *Air pollution, effects of air pollution . *Control of air pollution 	<ul style="list-style-type: none"> *To represent chart about constituent of air with its volume. *To perform experiments to see the presence of air in various empty vessels 	Students will be able to build their concept on composition of air and will be able to correlate its increased level with health and environment.
		Waste	<ul style="list-style-type: none"> *To learn about waste, its types. *Disposal method, managing of waste * 3 R 	To conduct survey about amount of waste generated by individual students household and by school	Students will understand as the impact of waste on environment and will be able to correlate with recycling of materials.

Note: The highlighted portion would be covered in UOI

Subject: Mathematics

NO. OF PERIOD	TOPIC	SUB-TOPIC	LEARNING OBJECTIVES / SKILLS TO BE DEVELOPED	ASSESSMENT / ACTIVITIES	LEARNING OUTCOMES
12	Factors and Multiples	Factors and Multiples, Prime number and composite number, Test of divisibility, prime factorization, index notation, H.C.F & L.C.M.	To understand prime and composite number, to find the H.C.F and L.C.M of two or more numbers.	Work sheet / practice from exercise.	To identify prime and composite number, to find the H.C.F and L.C.M of two or more numbers, prime factorization of numbers.
12	Knowing our Number	Comparing Numbers , place value and face Value , Indian and international system of Numeration with expansion, Estimation Roman Numerals.	To identify number system with comparison. Indian and International system, Estimation and Roman numerals.	Work sheet / practice from exercise.	To understand number system with comparison. Indian and International system, Estimation and Roman numerals.
12	Whole Numbers	Predecessor and successor , operation of whole numbers on Number line, properties of whole numbers, Multiplication and division of whole numbers.	To learn the concept of the operation of whole numbers on number line. Multiplication and division of whole numbers.	Work sheet / practice from exercise.	Students should be able to learn the operation of whole numbers on number line. Multiplication and division of whole numbers.

NO. OF PERIOD	TOPIC	SUB-TOPIC	LEARNING OBJECTIVES / SKILLS TO BE DEVELOPED	ASSESSMENT / ACTIVITIES	LEARNING OUTCOMES
17	Integers	Negative number, Integers, Number line, Absolute value of a number, Addition and Subtraction of integers, Multiplication and Division of integers, Rules for operating on integers.	Students able to understand negative numbers in practical situation, perform calculations on integers, Represent numbers on number line and order them & use of mathematical symbols.	Pen paper test/ practice from exercise. Activities on Real number line.	Use of negative numbers in practical situation, perform calculations on integers, Represent numbers on number line and order them & use of mathematical symbols.
17	Fractions	Fractions and Fractional numbers, as a part of a collection, Types of fractions, representation of fractions on number line, Equivalent, Like and unlike fractions, Comparison of fractions, Addition and Subtraction of fractions.	To know the concept of the fraction "the part of a whole", Classification of fractions, representation on number line, addition and subtraction of fractions.	Pen paper test/ practice from exercise..	Students should understand the concept of the fraction "the part of a whole", Classification of fractions, representation on number line, addition and subtraction of fractions.
17	Decimals	Decimal fractions, Like and unlike decimals, Comparing decimals, conversion Of decimal into a fraction and vice versa. Operation of decimals.	To understand fractions. Perform calculation from decimals to fraction and vice versa. Addition and subtraction of Decimals.	Work sheet / practice from exercise.	Recognize fractions. Perform calculation from decimals to fraction and vice versa. Addition and subtraction of Decimals.

NO. OF PERIOD	TOPIC	SUB-TOPIC	LEARNING OBJECTIVES / SKILLS TO BE DEVELOPED	ASSESSMENT / ACTIVITIES	LEARNING OUTCOMES
12	Basic Geometry	Points, Line, intersecting lines , Angles- different kinds of angles, parallel lines , Constructing and measuring angles using a protractor.	To understand various types of angles, Calculate unknown angles involving adjacent angles on a line.	Work sheet / practice from exercise.	Identify various types of angles, Calculate unknown angles involving adjacent angles on a line.
12	Fundamental Algebra	Fundamental algebra, Notation in Algebra, Variables, Constant, co-efficient, Polynomial, some rules in algebra, use of brackets in simplification, Addition and subtraction of polynomials.	To understand the concept algebraic variables, Express basic arithmetical process algebraically, Substitute numbers for letters in formulae and expression.	Work sheet / practice from exercise.	Use letters for algebraic variables, Express basic arithmetical process algebraically, Substitute numbers for letters in formulae and expression.
12	Algebraic Equation	Simple equation, solving simple equation, formulae, framing algebraic equation and find solution for it.	Concept building for solving simple algebraic equation, To construct simple equation from given situation and solve these equation.	Work sheet/practice from exercise	To solve simple algebraic equation, To construct simple equation from given situation and solve these equation.
12	Triangles	Polygons, name and description ,different types of triangle, angle sum property ,Exterior and interior angles.	To understand the types of triangles based on sides and angles, various types of polygons, angle properties along with simple geometrical problems.	Work sheet / practice from exercise.	Types of triangles based on sides and angles, various types of polygons, angle properties along with simple geometrical problems.

NO. OF PERIOD	TOPIC	SUB-TOPIC	LEARNING OBJECTIVES / SKILLS TO BE DEVELOPED	ASSESSMENT / ACTIVITIES	LEARNING OUTCOMES
10	Quadrilaterals	Quadrilaterals, different types of quadrilaterals and their properties, Angle sum properties.	To understand Different types of quadrilateral and their properties, angle sum properties of quadrilateral.	Work sheet / practice from exercise.	Different types of quadrilateral and their properties, angle sum properties of quadrilateral.
9	Circles	Circles and its different parts, relation between radius and diameter, Concentric circles.	Practical understanding to know the different parts of circles, concentric circles etc.	Work sheet / practice from exercise.	Students able to know the different parts of circles, concentric circles etc.
12	Ratio, Proportion and Unitary Method	Ratio of Numbers, Equivalent Ratio, Converting the ratio into its simplest form, Comparison of ratio , Proportion and its properties, Unitary Method.	To understand the comparison between two numbers, able to solve problems from proportion and Unitary method.	Work sheet / practice from exercise. Activities on different geometrical shapes.	Students able to know the comparison between two numbers, able to solve problems from proportion and Unitary method.
22	Data Handling, Pictograph, Bar graph	Frequency tables with tally mark, pictograph, bar graph	Students able to know the concept of Statistics. Calculate, classify and tabulate data. Read and interpret tables and statistical diagram, to construct pictograph and bar graph.	wok sheet/ practice from exercise	Calculate, classify and tabulate data. Read and interpret tables and statistical diagram, to construct pictograph and bar graph.

NO. OF PERIOD	TOPIC	SUB-TOPIC	LEARNING OBJECTIVES / SKILLS TO BE DEVELOPED	ASSESSMENT / ACTIVITIES	LEARNING OUTCOMES
22	Perimeter and Area of simple figures	Perimeter , Area , Unit of perimeter and Area, Area of Quadrilateral.	To Understand the perimeter and Area of simple geometrical figure, solving problems.	Work sheet / practice from exercise.Activities on drawing bar graph on graph paper.	To find the perimeter and Area of simple geometrical figure, solving problems.
14	Geometrical Constructions	Bisecting angles, perpendicular bisector of a line segment, constructions of angles with the help of ruler and compass.	Practical use of mathematical instruments to bisect angles, line segment and construction of angles.	Work sheet / practice from exercise.	Use of mathematical instruments to bisect angles, line segment and construction of angles.

Subject: Social Science

NO. OF PERIOD	TOPIC	SUB-TOPIC	LEARNING OBJECTIVES / SKILLS TO BE DEVELOPED	ASSESSMENT / ACTIVITIES	LEARNING OUTCOMES
3 periods	History Chap. -1 (1)Discovering the past	(a) Importance of studying history	(a)To explain the specific nature of the discipline	(1)To make 5 groups in class. Each group can adopt one source to study history .	Students have learnt what history is, time frames in the study of history, various periods in which recorded history has been classified
			(b)To familiarize the learner with the major developments to be studied	They have to collect information about it and paste it on a chart paper.	
		(b) Ways of writing dates in history	(c)Develop an understanding of the significance of geographical terms used during the time frame		
		(c)Ways of studying the past	(d) Illustrate the sources to reconstruct history.		
		(d) Co-relation between history and geography			
		(e) Case study			

NO. OF PERIOD	TOPIC	SUB-TOPIC	LEARNING OBJECTIVES / SKILLS TO BE DEVELOPED	ASSESSMENT / ACTIVITIES	LEARNING OUTCOMES
	Civics Chap. 1 & 2 combined	(a) Definition of Diversity	(a)The students will learn to understand and appreciate the	Classwork and Homework	Students will learnt/to understand and appreciate the various forms of diversity in our everyday environment. They will know that diversity has given us choices to make our lives richer, our dependence on plurality of skills and tastes and the constitutional protections for the preservation of social diversities.
4 periods	(1) Diversity in India	(b) Unity in Diversity	various forms of diversity in their everyday environments		
	(2) Diversity and Discrimination	(c) Types of Diversity	(b) Develop a sensitivity towards pluralism and interdependence.		
		(d) Definition of Discrimination, Prejudice and Stereotype	(c)Understand how prejudice can lead to discrimination.		
		(e) Equality and its types	(d) Understand the difference between identities, diversity and inequality		
		(f) Case study of Dr. B.R. Ambedkar			

NO. OF PERIOD	TOPIC	SUB-TOPIC	LEARNING OBJECTIVES / SKILLS TO BE DEVELOPED	ASSESSMENT / ACTIVITIES	LEARNING OUTCOMES
	<u>Geography</u>				
4 periods	Chap. 1 The Solar system	(a) The origin of the Earth	To understand the unique place of Earth in the solar system , why there is life on earth, position of other planets in the solar system , importance of NASA and their functions.	(1)In a chart draw the solar system with astronauts and aliens.	The students knew about heavenly bodies, solar system, earth, moon, and the Universe and their respective positions
		(b) The celestial bodies like stars, planets, sun, moon with special emphasis on Blue planet		(2) The students will be asked to close their eyes and to dream that they have boarded a rocket reached Moon / mars, met the aliens and then they have come back to the earth. Now they will be asked to speak about their feelings.	
		(c) Case study- NASA and its functions			

NO. OF PERIOD	TOPIC	SUB-TOPIC	LEARNING OBJECTIVES / SKILLS TO BE DEVELOPED	ASSESSMENT / ACTIVITIES	LEARNING OUTCOMES
	<u>History</u>				
5 periods	Chap. 2 The Hunter-Gatherers	(a) The stone age	(a)To appreciate the knowledge and skills of Hunter-gatherers	(a) Map pointing showing the Paleolithic sites	The students learnt about the ways in which the primitive men lived , the process through which early man learnt agriculture, the places where the early man lived
		(b) The Paleolithic age	(b) Identify stone artefacts as archaeological evidences	(b) Solving the questions at the back of the chapter	
		(c) The Mesolithic age	(c)What type of transformations took place in the society and why		
	<u>Geography</u>				
	Chap. 2				
6 periods	Globes – Latitudes and Longitudes	(a) Globes			
		(b) Latitudes and Longitudes	(a)To review the main concepts like definition of latitude, longitude, globe	Choose any ten places over different continents .Make a list of these places and plot the local time at those places corresponding to 10 a.m. in India.	The students learnt about globe and their uses, about the imaginary lines on the globe that help us in locating places, how places are located on the maps

NO. OF PERIOD	TOPIC	SUB-TOPIC	LEARNING OBJECTIVES / SKILLS TO BE DEVELOPED	ASSESSMENT / ACTIVITIES	LEARNING OUTCOMES
		(c) Heat zones of the earth	(b)What is Greenwich mean time		
		(d) International Date Line	(c) Why latitudes and longitudes are important		
			(d) Importance of Equator and Prime Meridian		
	Civics				
	Chap.3				
6 periods	Government	(a)What is a government	(a)To enable students to gain a sense of why government is required	Collect information about any two democratic countries of the world and do a research on their governments	The students learnt the need for government, the way the decisions are made, and various forms of governments
		(b) What type of government India has	(b) Recognize the need for Adult Franchise		
		(c)Organs of government	(c)Understand the key elements that influence the functioning of democracy		
		(d) Functions of government			
		(e)Levels of government			

NO. OF PERIOD	TOPIC	SUB-TOPIC	LEARNING OBJECTIVES / SKILLS TO BE DEVELOPED	ASSESSMENT / ACTIVITIES	LEARNING OUTCOMES
	History				
3 periods	Chap.3 The agriculturists: The Neolithic period	(a) The beginning of farming	(a) Appreciate the diversity of early domestication	Make a poster showing New Stone Age tools and their modern version	The students learnt how men took to farming, main features of life of man during this period, how men expertised in different aspects of occupation.
		(b) Domestication of animals	(b) Identify the material culture generated by people in relatively stable settlements		
		(c) The beginning of settlements	(c) Understand the strategies for analyzing them		
		(d) Inventions			
		(e) Crafts			
		(f) Case study – Mehrgarh			

NO. OF PERIOD	TOPIC	SUB-TOPIC	LEARNING OBJECTIVES / SKILLS TO BE DEVELOPED	ASSESSMENT / ACTIVITIES	LEARNING OUTCOMES
	<u>Geography</u>				
	Chap.- 3				
4 periods	Motions of the Earth	(a) Rotation and Revolution	(a) To understand the motions of the earth and their effects	Make a model showing how days and nights are caused using a rotating ball mounted on a board and torch.	The students learnt how days, nights and seasons are caused.They also came to know about the some important dat
		(b) Effects of Rotation and Revolution	(b) Explain and differentiate between rotation and revolution		
		(c) Equinoxes	(c) Inclination of the Earth's axis on the annual cycle of seasons.		
		(d) Solstice			
		(e) The circle of illumination			

NO. OF PERIOD	TOPIC	SUB-TOPIC	LEARNING OBJECTIVES / SKILLS TO BE DEVELOPED	ASSESSMENT / ACTIVITIES	LEARNING OUTCOMES
	<u>Civics</u>				
	Chap- 4				
5 periods	Understanding Democracy	Types of government	(a)To enable students to understand why government is required	(a)Pen-paper Test	The students learnt about the participation, accountability, resolution, conflict, and concerns for equality and justice
		(b) Key elements of democracy	(b) Recognise the need for Universal Adult Franchise	(b)C.W./H.W. copies	
		(c)Case Study- Adolf Hitler and Women suffrage movement	(c)Appreciate the need to make decisions with collective sanctions		
			(d) Understanding the key elements that influence the functioning of democracy		

NO. OF PERIOD	TOPIC	SUB-TOPIC	LEARNING OBJECTIVES / SKILLS TO BE DEVELOPED	ASSESSMENT / ACTIVITIES	LEARNING OUTCOMES
	<u>History</u>				
	Chap.-4				
6 periods	The Advent of urbanization and Civilization in India	(a) What is meant by civilization	(a) To appreciate the distinctive life in cities	(a) To show them some videos	The students learnt about the civilization which flourished in cities, the importance was given to sanitation thousands of years ago, early concepts of town planning, variety of occupations of people
		(b) Indus Valley civilization	(b) Identify the archaeological evidence of urban centres	(b) Worksheet and exercises	
		(c) Case study- Mesopotamian civilisation	(c) To make the students understand about a complete planned city		
			(d) The meaning of urbanization		

NO. OF PERIOD	TOPIC	SUB-TOPIC	LEARNING OBJECTIVES / SKILLS TO BE DEVELOPED	ASSESSMENT / ACTIVITIES	LEARNING OUTCOMES
	<u>Geography</u>				
3 periods	Chap.4 Maps	(a) Definition of map	(a) To develop the basic skills of map reading	Draw a plan of your dream school campus	They learnt the types of maps, their symbols and how to make a plan
		(b) Types of maps	(b) To make them understand the essential components of maps like directions, symbols etc.		
		(c) Difference between a globe and a map			
		(d) Components and symbols of maps			
	<u>Civics</u>				
	Chap.5				
5 periods	Panchayati Raj	(a) What is a panchayat	To enable children to	(a) Pen-Paper test	The students learnt how gram panchayats functions, role of women in panchayats, election to village panchayats.
		(b) Need for panchayats	(a) Understand the local level of government functioning		
		(c) Organisation of a village panchayat	(b) Understand the workings of panchayati raj and appreciate its importance		

NO. OF PERIOD	TOPIC	SUB-TOPIC	LEARNING OBJECTIVES / SKILLS TO BE DEVELOPED	ASSESSMENT / ACTIVITIES	LEARNING OUTCOMES
		(d) Gram panchayat	(c) Description of the panchayat		
		(e) Nyaya panchayat	(d) Role of gram sabha		
			(e) Women role in panchayat		
	History				
	Chap. -5				
6 periods	The Vedic period	The Aryans	(a) The meaning of vedas	After showing the smart class a quiz can be conducted	Appreciate the different developments taking place in different parts of the sub-continent simultaneously
		(b) Sources of History	(b) They will know the origin and spread of vedic civilization		
		(c) Political and Social Lives of the Aryans	(c) Political, economic and social life of the vedic people		
		(d) Position of women	(d) They will know the sacred books and hymns of the vedic people		
		(e) Case Study- Yellow River valley civilization			

NO. OF PERIOD	TOPIC	SUB-TOPIC	LEARNING OBJECTIVES / SKILLS TO BE DEVELOPED	ASSESSMENT / ACTIVITIES	LEARNING OUTCOMES
	<u>Civics</u>				
	Chap.6				
5 periods	Urban administration	(a) Municipal Corporation	To make the students understand	The students will be asked to make a list of the names of the members of their local body.	The students learnt about the local government institutions in big cities, composition of Municipal Council and Municipal Corporations, sources of revenue, provision of water and other civic facilities by the municipal corporations
		(b) Municipal Council	(a)The municipal corporation election		
		(c) Case study- South Africa	(b) The work of municipal corporation		
			(c)Citizens protests to get their grievances addressed		

NO. OF PERIOD	TOPIC	SUB-TOPIC	LEARNING OBJECTIVES / SKILLS TO BE DEVELOPED	ASSESSMENT / ACTIVITIES	LEARNING OUTCOMES
	<u>Geography</u>				
8 periods	Chap.5 Major domains of the earth	(a) Lithosphere	(a) To know the different spheres of earth	Collect information about the water pollution sources in your city.	The students learnt about the continents, oceans, layers of atmosphere, bio-sphere or the life area.
		(b) Biosphere	(b) Make the students understand the interrelationship of the Realms of the Earth		
		(c) Atmosphere			
		(d) Hydrosphere			
	<u>History</u>				
5 periods	Chap.- 7 New Ideas and new Religions	(a) The Upanishads	(a) Outline the basic tenets of these systems of thought and the context in which they developed and flourished	On the map of Asia the students can label the countries where Buddhism has spread.	The students at the end of the chapter learnt the main features of Buddhism and Jainism, places associated with these religions and the meaning of Upanishad.
		(b) Jainism	(b) Introduce excerpts from sources relating to these traditions		
		(c) Buddhism			

NO. OF PERIOD	TOPIC	SUB-TOPIC	LEARNING OBJECTIVES / SKILLS TO BE DEVELOPED	ASSESSMENT / ACTIVITIES	LEARNING OUTCOMES
	<u>Geography</u>				
	Chap.-6				
6 periods	Major landforms of the earth	Mountains	(a) Make the students understand the major landforms of the earth	Collect information about the Great Plateaus, Plains, Deserts of the world.	The students learnt about the forces that shape the relief features of the world, the landforms of the earth, characteristics features of plateaus, plains etc
		(b) Plateaus	(b) What are their importance		
		(c) Plains			
		(d) Their definitions and importance			

NO. OF PERIOD	TOPIC	SUB-TOPIC	LEARNING OBJECTIVES / SKILLS TO BE DEVELOPED	ASSESSMENT / ACTIVITIES	LEARNING OUTCOMES
	<u>Civics</u>				
	Chap.- 7				
6 periods	Rural Administration	(a)Administration of a district	(a) Focus on a land dispute	The children can visit a near by village and talk to a patwari about his work and	The students learnt about the administration in villages
		(b) Functioning of rural administration	(b) Show the role of patwari and police	problems faced by him in maintaining land records	
		(c)Role of police			
		(d) Role of patwari	(d) On the new heritage law		

NO. OF PERIOD	TOPIC	SUB-TOPIC	LEARNING OBJECTIVES / SKILLS TO BE DEVELOPED	ASSESSMENT / ACTIVITIES	LEARNING OUTCOMES
	<u>History</u>				
	Chap.8				
8 periods	The Mauryan Empire	(a) The Mauryan Empire	(a) Introduce the concept of empire	C.W./H.W	The students learnt about the first book about the art of polity and administration, the first ruler of the world who escaped war after victory, the first ruler who promoted Buddhism but was intolerant towards other faith, and the first Indian ruler to ranked as great as Ashoka
		(b) Bindusara	(b) To study about the empire who for the first time unified India specially North India		
		(c) Ashoka			
		(d) The kalinga War			
		(e) Case study – Pataliputra			

NO. OF PERIOD	TOPIC	SUB-TOPIC	LEARNING OBJECTIVES / SKILLS TO BE DEVELOPED	ASSESSMENT / ACTIVITIES	LEARNING OUTCOMES
	<u>Geography</u>				
	Chap.-7				
8 periods	Our country- India	(a) India's location and neighbours	(a) To comprehend broad physiographic divisions of India	Map pointing	The students learnt the five geographical regions of India, and the Interdependence of the various physiographic divisions
		(b) Physiographic divisions of India	(b) To describe the influence of land , climate, vegetation and Wildlife on human habitation		
	<u>Civics</u>				
	Chap.-8				
2 periods	Rural Livelihood	The types of rural livelihood	(a) To understand the conditions that underline and impact on the life strategies of various groups of people	To interview the workers of the school	The students learnt what is livelihood, types of rural livelihood
		(b) Case study	(b) To contrast the living		

NO. OF PERIOD	TOPIC	SUB-TOPIC	LEARNING OBJECTIVES / SKILLS TO BE DEVELOPED	ASSESSMENT / ACTIVITIES	LEARNING OUTCOMES
	<u>History</u>				
	Chap.- 11				
6 periods	The Gupta Empire	(a)About the rulers of the Gupta Empire	(a) Introduce the idea of the development of different Administrative systems	C.W./H.W	They learnt about the Golden Age of India, the developments in art, architecture etc., the peace and prosperity prevailing in India
		(b) Administration under the Guptas	(b) Introduce the idea of expansion		
		(c)Important kingdoms of the South			
	<u>Civics</u>				
	Chap-9				
3 periods	Urban Livelihood	a) The types of urban livelihood b) Case study	To understand the conditions that underline the life strategies of various groups of people	To interview teachers or bank employees etc	The students learnt about urban livelihood and the difference between rural and urban livelihood
	<u>Geography</u>				
	Chap-8				
8 periods	India	a) Climate b) Natural vegetation c) Wildlife	The students will learn about their motherland	Map pointing	The students came to know about the India as a whole

Subject: French

NO. OF PERIOD	TOPIC	LEARNING OBJECTIVES / SKILLS TO BE DEVELOPED	ASSESSMENT / ACTIVITIES	LEARNING OUTCOMES
6 periods	1- VOUS CONNAISSEZ LA FRANCE? 2- LES SALUTATIONS 3- COMPTONS ENSEMBLE	*Give knowledge about FRANCE Culture and Civilization *Learn how to greet in French *Give knowledge about Numbers	Chart paper presentation based on conversation. Exercise Book	Able to speak about French culture and civilization Able to greet in French Able to write the number in words (1 - 20)
2 periods	COMPTONS ENSEMBLE	Give knowledge about Numbers	Exercise Book	Addition, subtraction (1 – 100)
7 periods	1- LES COPAINS	Learn new words, Learn ÊTRE verb, Indefinite articles, make plural of nouns. The nationality	Text Book Exercise Book	Able to conjugate ÊTRE verb and make sentences based on Être verb Able to use Indefinite articles Able to make plural of nouns
5 period	1- DEVINEZ 2- DANS LA CLASSE	Make questions and answer based on What is this? / Who is this? Learn new words	Make a dialogue	Know how to make question and answer about objects and people
8 periods	1- DANS LA CLASSE	Learn " Avoir " verb conjugation Learn how to introduce himself/herself and other person Learn adjective in French (male and female)	Chart paper presentation based on " Avoir " and " Être " verbs with adjectives	Able to conjugate Avoir verb and make agreement of adjectives Able to describe oneself and introduce others

NO. OF PERIOD	TOPIC	LEARNING OBJECTIVES / SKILLS TO BE DEVELOPED	ASSESSMENT / ACTIVITIES	LEARNING OUTCOMES
7 periods	1- LES AMIS DE CAROLINE	Learn new words; definite articles and nationality	Exercise book	Able to use definite articles. Able to write countries name and their nationality (masculine/feminine form) in French
7 periods	QUEL JOUR SOMMES-NOUS?	Learn new words and "Aller" verb conjugation Learn days in French Tell the time	Sing French song based on days	Able to conjugate aller verb and make sentences based on aller verb. Able to pronounce properly days name in French
5 periods	Les Vacances	Learn new words; months name.	Sing a song based on months	Able to write and pronounce months in French. Able to communicate with small phrases in French
2 periods	Les Vacances	Give knowledge about some festivals in France	Project based on months and vacations	
7 periods	LA FAMILLE DE MANUEL	Learn new words Learn about family tree (parents) Learn "ER" verb conjugation	Exercise book	Able to describe the family. Able to conjugate "ER" ending verbs
5 periods	LE DRAPEAU DE MON PAYS	Learn new words and colors in French	Dictation from the book and recitation based on " Vole joli Papillon "	Able to recite a poem. Develop listening and writing skills
3 periods	Revision	Revision	Revision	Revision

Subject: Sanskrit

NUMBER OF PERIODS	CHAPTER/UNIT TITLE	ACTIVITIES	TESTS
6	पाठ 1 2 स्वर एवं व्यंजन उच्चारण स्थान	श्लोक गायन	FA- 1/Round-1
3	पाठ 3 एवं स्वर सन्धि पारिभाष	शुद्ध उच्चारण	
5	पाठ 4 5 एवं स्वर सन्धि आदि	सन्धि विगृह्य शब्द निर्माण	FA -1 /Round-2
5	पाठ 6 7 अ एवं इ कारान्त शब्द रूप	शुद्ध उच्चारण एवमं लेखन	FA-2/Round-1
6	पाठ 8 9 आ कारान्त उ ऊ कारान्त शब्दरूप	संख्या वाचक पद एवं वाक्य निर्माण	FA-2/Round-2
5	पाठ 10 11 अ कारान्त नपुंसक लिंग धातु रूप लट लकार	श्लोक अर्थ एवमं गायन	Summative assessment-1
6	पाठ 12 13 एवमं कारक प्रकरण	श्लोक गायन	

NUMBER OF PERIODS	CHAPTER/UNIT TITLE	ACTIVITIES	TESTS
6	पाठ 14 15 पृत्यय त्वा आदि	पृत्यय द्वाराशब्द निर्माण एवं प्रयोग	FA-3/Round-1
6	पाठ 16 चित् वर्णन वाक्य निर्माण	लकार प्रयोग संस्कृत गीत गायन	FA-3/round-2
4	पाठ 17 18 पुनरावृत्ति पत्र लेखन समास वर्णन		FA-4/ROUND-1
5	पाठ पुनरावृत्ति पत्र लेखन समास वर्णन		FA-4/ROUND-2
7	पाठ पुनरावृत्ति		

Subject: Information Technology

NO.OF PERIODS	TOPIC	SUB-TOPIC	LEARNING OBJECTIVES / SKILLS TO BE DEVELOPED	ASSESSMENT / ACTIVITIES	LEARNING OUTCOMES
5	Computer Language	* Machine Language	Introduction To Different Languages Use In Computer	Class Room Lecture	Student Will Understand The Various Languages And Their Use
		* Assembly Language			
		* High Level Language			
		* Fourth Generation Language			
4	More On Windows	* Using Windows Media Player	Familiarization To Different Utility Tools In Windows Os	Lab Activity	Basic Understanding Of Windows Tools
		* Displying Two Windows At A Time			
		* Exploring Pictures			
		* Disk Cleanup & Other Tools			
6	Advance Ms-Word	* Using Mail-Merge -- Creating Docs	To Understand The Mail-Merge Tools In Real Life Application Area	Lab Activity / Project Work	Students Are Able To Apply Knowledge To Solve Real Life Problem Using Mail-Merge Technique
		* Creating Recipient List			
		* Inserting Merge Fields			
		* Viewing The Merged Data			
		* Printing Your Letters			
3	Ms-Powerpoint	* Inserting Table	To Develop Basic Understanding Of Different Features Of Powerpoint Like - Table, Graphs Etc To Include In Presentation File	Lab Activity / Project Work	Student Will Learn Advance Powerpoint Tools
		* Entering Data In Table			
		* Use Of Table Tools			
		* Formatting A Table Style, Aligning Text			
		* Charts In Powerpoint			
		* Components Of A Chart			
		* Creating A Chart, Changing Type			
		* Formatting A Chart			

NO.OF PERIODS	TOPIC	SUB-TOPIC	LEARNING OBJECTIVES / SKILLS TO BE DEVELOPED	ASSESSMENT / ACTIVITIES	LEARNING OUTCOMES
11	Advance Ms-Powerpoint	* Applying Animation Effect	To Understand The Use Of Multimedia Data With Powerpoint Slides	Lab Activity / Project Work	Student Will Learn Advance Powerpoint Tools To Use Multimedia
		* Adding Transition			
		* Inserting Sound Clips			
		* Inserting Your Own Sound			
		* Inserting Video Clips			
		* Using Action Buttons			
2	Microsoft Excel	* Features Of Excel	Introduction To Spreadsheet Package And Use Of Excel	Lab Activity	Student Will Learn How To Deal With Different Types Of Data In Excel
		* Components Of Worksheet			
		* Moving Around The Spreadsheet			
		* Entering Data, Types Of Data			
		* Performing Calculations			
11	Advance Ms-Excel	* Selecting Cells And Formatting Cells	Introduction To Worksheet Handling Technique	LAB ACTIVITY	Student Will Get Basic Idea About Different Features To Work In Excel Worksheet
		* Changing Cell Contents			
		* Using Undo/Redo Features			
		* Inserting Columns/Rows			
		* Copying / Moving Data			
		* Using Auto Fill/Custom List Features			

NO.OF PERIODS	TOPIC	SUB-TOPIC	LEARNING OBJECTIVES / SKILLS TO BE DEVELOPED	ASSESSMENT / ACTIVITIES	LEARNING OUTCOMES
3	Introduction To Flash Cs3	* What Is Flash	Introduction To Animation Design Using Flash Software	Lab Activity	Student Will Learn About Basic Features And Tools Of Flash Software
		* How To Start Flash			
		* The Flash Workspace			
		* Using The Tools Panel			
		* The Selection/Colouring Tools			
		* Text Tool			
		* Creating & Saving New Flash Documents			
* Using Frame By Frame Technique To Animate					
5	Advance Flash Cs3	* Symbols And Animation	To Understand The Use Of Animations In Flash	Lab Activity / Project Work	Student Will Able To Design Their Own Animation Using Symbols, Graphics
		* How To Create A Symbol			
		* Using Animation			
		* Create A Motion Tween			
		* Shape Tween			
		* Motion Guide Tween			

NO.OF PERIODS	TOPIC	SUB-TOPIC	LEARNING OBJECTIVES / SKILLS TO BE DEVELOPED	ASSESSMENT / ACTIVITIES	LEARNING OUTCOMES
10	Introduction To Qbasic	* Basic & Its Advantages	Introduction To Programming Technique Using Qbasic Language	Lab Activity / Class Room Lecture	Student Will Understand The Programming Technique And Use Of Control Statement To Solve Programming Goal
		* Steps To Write A Program In Qbasic			
		* Save And Run A Program			
		* Exit And Open Qbasic			
		* Character Set Of Basic			
		* Constant & Variables			
		* Operators & Their Hierarchy			
		* Qbasic Statements			
		* Assignment Statement - Let			
		* Print, Inout, Control, Goto Etc Statements			
		* If...Thenn Statement			
		* Simple Programs			
		* If...Then...Else Statement			
* Using Elseif....With If...Then Statement					
4	Surfing Internet	* Brief History Of Internet	To Understand The Services Offered By Internet	Lab Activity	Student Will Able To Use Various Services Offered By Internet
		* Popular Services On The Internet			
		* Using Internet			
		* Searching Information			
		* Using Email			