

TAURIAN WORLD SCHOOL

Ranchi



Grade VIII

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 22 Days	Literature Reader A little World Of Mud A-Multi Skill Course(Unit-1) Environmental Concern a) Reading-1 b) Reading-2 c) Poem – Woodman Work Book (Unit-1) Reading Vocabulary Grammar (Tenses) Writing (letter to principal)	Guided reading (group & silent reading) Pronunciation & learning glossary Factual, inferential Extrapolative and value based Poetry appreciations Value based Verbs of movement Figurative language To let them write in a right format and to register in right manner	Comprehend story through drilling exercises and summary. Presentation of characters from prose Conducting an interview using a questionnaire	* acquire the ability to listen and understand, and should be able to employ non-verbal clues to make connections and draw inferences. * develop the habit of reading for information and pleasure; draw inferences and relate texts to previous knowledge; read critically and develop the confidence to ask and answer questions. * be able to employ her/his communicative skills, with a range of styles, and engage in a discussion in an analytical and creative manner. Ability to identify the different voices and And language concepts and how it differs from other writings

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June 15 Days	Literature Reader 1.Stopping By Woods On A Snowy Evening. A Multi -Skill Course (Unit-2) a) Reading -1 b) Poem-Nine Gold Medals Work Book (Unit-2) Topic: People Who Are Differently Abled a) Grammar-(Modals) b) Writing –(Short Essay)	1..Encourages readers with the ability to fight and overcome tough situations and overwhelming terror 2. learn about Satire as a literary device- using a combination of humour and sarcasm Learn to enjoy the pleasures of reading narratives in the form of a novel, and developing an individual appreciation Writing a blog post about the barriers in school for people with disabilities Learning the ability to comprehend , understand and judge, so as to extract relevant points and put them in note form Continue with learning appropriate tones while carrying out different social communications	1.One minute speech on a topic from literature study 2. Answer questions from the stories 3. Discussions and solutions to CBSE based questions. Making Posters on measures students can take to help differently abled people be more independent	* be able to identify a topic, organise and structure thoughts and write with a sense of purpose and an awareness of audience. * be able to understand and use a variety of registers * be able to use language creatively im- imaginatively in text transaction * be able to develop sensitivity to life and languages in and around the cl classroom

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July 25 days	Literature Reader: The Hound Of Baskervilles A-Multi Skill Course Topic:Wit and Humour (Unit-3) a) Reading-2 b) Poem: The Missing Whiskers Work Book: Topic:Wit and Humour (Unit-3) a) Reading Comperhension b) Vocabulary b) Grammar (Active &passiveVoice) c) Writing (News Report)	Learn to judge and extract relevant points, & note them in a specified format, also learn to write summaries on the basis of these notes. Value based learning Poetry Appreciation Learn a new form of Format Technique, where grammatical correction is not underlined but key words placed logically matter and are important.	1. Conduct a dialogue seminar between a school inspector and a slum child 2. Extended question in long answer form. – CBSE questions..... Researching and writing about t a Famous comedian Group work: enacting a section of the story	* Be able to employ her communicative sk, with a range of styles, and engage in a discussion in an analytical and creative manner. * Be able to employ her/his communicative skills, with a range of styles, and engage in a discussion in an analytical and creative manner.

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AUGUST 25 days	Literature Reader The Blind Men And The Elephant A Multi-Skill Course (Unit-4) Topic: Magic & Fantasy (Unit-4) Reading-1 Reading-2 Work Book (Unit-4) Magic & Fantasy a) Vocabulary b) Grammar (Direct & Indirect)	7. Get an insight into the variety of characters in different situations and also to the follies of human nature. 8. Appreciate this poetry, which makes us realize the importance and relevance of tranquility and serenity. We are taught the relevance of quiet introspection that goes on to promote peace among all human beings 9. Learn the complications of class exploitations and the trials and sufferings of the poor. Appreciate the poetic devices used to elaborate the poets feelings Learn to execute the ability to design posters with a social obligation. Differentiate between commercial and classified ads By designing these ads under their headlines Learn to write to the point business letters in appropriate formal language, precise form and content pertaining to various situations.	2. Extended question in long answer form. – CBSE question 3. Comprehension exercises to help drill in understanding of chapter Dramatizing the story.	* Be able to identify a topic, organise and structure thoughts and write with a sense of purpose and an awareness of audience. * Be able to use a dictionary and other materials available in the library elsewhere * Be able to use language creatively and imaginatively in text transaction and performance of

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September 22 days	Term-1 Revision For Term -1	Revise the formats used when writing Debates and Speeches, factual reports, description and articles	More exercises from Sample papers and CBSE past papers	The learner will by now honed the skills and habit of recapitulation. Plan a revision course for better implementation of lessons learnt Develop a confidence in approaching examination
OCTOBER 15 days	Literature Reader 1. Marley's Warning 2. The Open Window	10. Learn to perceive beauty as source of inspiration and joy, which makes us realize the importance and relevance of tranquility and serenity incorporate them into the social mainstream and also realize the true beauty	For the poems answer reference to context questions in detail, from book and from CBSE papers. A long question for in-depth understanding-an open ended question	The learner will * Acquire the ability to listen and understand, and should be able to employ non-verbal clues to make connections and draw inferences. * Develop the habit of reading for information and pleasure; draw inferences and relate texts to previous knowledge; read critically and develop the confidence to ask and answer questions. * Be able to employ her communicative skills, with a range of styles, and engage in a discussion in an analytical and creative manner.

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OCTOBER 15 days (Continued)	A Multi -Skill Course (Unit-4) Poem:-In The Bazaar of Hyderabad	Drill and use the formats while writing articles and Speeches, learn to divide work into paragraphs and make a smooth transition from	Exercise to be done in article writing and 2 exercises on writing a report	<ul style="list-style-type: none"> * Be able to identify a topic, organise and structure thoughts and write with a sense of purpose and an awareness of audience. * Be able to understand and use a variety of registers associated with domains such as music, sports, films, gardening, construction work, etc. * Be able to use a dictionary and other materials available in the library and elsewhere, access and collect information through making and taking down notes, etc.

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November 13 days	Literature Reader Hero- Rabindranath Tagore A Multi skill Course (Unit -5) Topic: Relationship Reading-1 Poem: The Nightingale and the Glow Worm Work Book (Unit-5) Grammar (Phrase & Clause, conjunction) Writing (Poster making)	12.To get an insight into the life and works of the famous writer Umberto and to observe how great minds work. An objective study to assess the form and style of conducting and writing out the interviews as the latest literary genre. * Ability to form opinions and express them with clarity. Recognise the slight difference in the format of speech and debate	Two extended question in long answer form. – CBSE question 3. Comprehension exercises to help drill in understanding of chapter Exercise to be done in speech writing to exercises on writing debates	* Be able to use language creatively and imaginatively in text transaction and performance of activities. * Be able to develop sensitivity towards their culture and heritage, aspects of contemporary life and languages in and around the classroom.

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December-18 Days	Literature reader: All Summer in a Day A Multi Skill Course (Unit-6) Topic: Mystery a) Reading-1 b) b) Reading-2 Work Book (Unit-6) Grammar (Relative clause) Language Skill (to form opposites,fill ups)	8.Learn to appreciate the ingenuity and the mechanism of a sharp and intelligent mind. At the same time learn to be on guard against undesirable social behavior.	Comprehend story through drilling exercises and summary. Presentation of characters from stories studied Solve previous years CBSE papers	* Imaginatively in text transaction and performance of activities. * Be able to develop sensitivity towards their culture and heritage, aspects of contemporary life and languages in and around the classroom.
January 22 days	Literature Reader The Adventure of Jimmy Valentine The Vagabond A Multi Skill Course (Unit- 6) Topic: Mystery Poem : Eldorado Work Book (Unit-6) Topic :Mystery Vocabulary Writing (Short mystery story)		To write a one act plays	* Acquire the ability to listen and understand, and should be able to employ non-verbal clues to make connections and draw inferences. * Develop the habit of reading for information and pleasure; draw inferences and relate texts to previous knowledge; read critically and develop the confidence to ask and answer

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February 22 days	Literature Reader Julius Caesar A Multi Skill Course (Unit-7) Topic: Travel (Unit -7) Reading -1 Poem –No Alarm On The Flight Deck Work Book (Unit-7) Vocabulary Writing (Diary Entry) Grammar			

Subject: Hindi

NO.OF PERIODS	TOPICS	OBJECTIVE	ACTIVITY	LEARNING OUTCOMES
10	मेधा (पाठ-1) वर दे, वीणा वादिनि (कविता) (पाठ-2) स्नेह (कहानी)	बच्चे शिक्षा के महत्त्व को समझेंगे। जीवन में ज्ञान का प्रकाश आवश्यक है। संवेदना, करुणा, स्नेह पर एकाधिकार जैसी भावनाओं से बच्चे परिचित होंगे।	क्रियात्मक गतिविधि-1 मानव चित्र के द्वारा वर्णों का उच्चारण स्थान दर्शाएँ।	(पाठ-1) वर दे, वीणावादिनि (कविता) अर्थ समझना भावार्थ जानना कविता स्मरण करना भक्ति की भावना जागृत करना शब्दार्थ जानेंगे व कठिन शब्द का उच्चारण कर पाएँगे पठन पाठ प्रश्नोत्तर आत्मविश्वास और सीखने की मानसिकता का विकास करना। परिभाषा वर्णों की जानकारी देना, लिपि की जानकारी देना, भेद विशेषता
7	व्याकरण वर्ण विचार, अपठित गदयांश पर्यायवाची शब्द (1-20) विलोम शब्द (1- 20)	रूढ,यौगिक योग रूढ, तदभव तत्सम् आदि शब्दों में बच्चे अंतर करना सीखेंगे। बच्चे वर्णमाला की जानकारी प्राप्त करेंगे। स्वर तथा व्यंजन के भेदों को जानेंगे संयुक्त तथा द्वित व्यंजनों की जानकारी प्राप्त करेंगे।		

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7	(पाठ-4) भक्ति के पद (पद) मुहावरे (1-20), अपठित गद्यांश	<p>नैतिक मूल्य,मीठे बोल,प्रेमपूर्वक रहना,समय का मूल्य, सत्संगति,परिश्रम परहित सत्यप्रिय भाषण जैसे भावों का विकास होगा।</p> <p>एकता, आदर, जातिगत सौहार्द जैसी भावनाओं का भी विकास होगा।</p> <p>बच्चे सीखेंगे कि मुहावरों का प्रयोग भाषा को सजीव,आकर्षक और प्रवाहमय बनाते हैं।</p>	<p>क्रियात्मक गतिविधि-2</p> <p>चरित्र चित्रण</p>	<p>दोहा पाठन</p> <p>खड़ी बोली के शब्द दोहे का अर्थ</p> <p>अपठित गद्यांश</p> <p>सही/गलत का चुनाव</p> <p>शब्दार्थ जानेंगे व कठिन शब्दका उच्चारण कर पाएँगे</p> <p>प्रश्नोत्तर</p> <p>नए-नए शब्दों का ज्ञान होगा</p>

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10	<u>मेधा</u> अपराजिता (कहानी) (पाठ-6) शक्ति और क्षमा (कविता) (पाठ-8)	संयम,उत्साह,लगन कर्मनिष्ठा,प्रेरणा,त्याग और सम्मान की भावना का विकास होगा। बच्चे जीवन में शक्ति और क्षमा के महत्व को समझेंगे। कृष्ण ने इस पाठ में समझाया है कि युद्ध से पीछे हटना कायरता है,क्षमाशीलता नहीं। शक्ति के साथ ही क्षमाशीलता सुशोभित होती है।	क्रियात्मक गतिविधि-3 चित्रवर्णन	पठन पाठन आशय स्पष्टीकरण शुद्ध उच्चारण शब्दार्थ कठिन शब्द भाव स्पष्टीकरण परिचयात्मक लेख की जानकारी। वर्ण विचार के अंतर्गत बच्चे शब्द की उत्पत्ति की जानकारी प्राप्त करेंगे। मुहावरे और लोकोक्तिर्यों में अंतर स्पष्ट करें।
4	<u>व्याकरण</u> संधि मुहावरे (1-15), पत्र निबंध,अनेकार्थक शब्द	बच्चे संधि की परिभाषा जानेंगे तथा वर्णों को जोड़कर लिखना सीखेंगे। संधि के भेद स्वर संधि के अंतर्गत उसके पाँच भेदों के बारे में जानेंगे। व्यंजन संधि के भेद तथा स्वर संधि के बारे में भी जानेंगे। बच्चे सीखेंगे कि मुहावरों का प्रयोग भाषा को सजीव,आकर्षक और प्रवाहमय बनाते हैं।		

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10	मेधा सोना (रेखाचित्र) (पाठ -11) अंतरिक्ष में भारतीय सितारे (पाठ 13)	पशु प्रेम,सेवा और निश्चलता की भावना का विकास होगा। बच्चे महान व्यक्तित्व से परिचित होंगे। वैज्ञानिक दृष्टि सोच का विकास होगा।	क्रियात्मक गतिविधि-4 विज्ञापन रचना	पठन पाठन शुद्ध उच्चारण शब्दार्थ कठिन शब्द अभिव्यक्ति कौशल आशय स्पष्टीकरण हिन्दी के रेखा चित्र विधा से अवगत कराना। स्पष्ट लेखन भाषा सरल विराम चिह्न का प्रयोग विषय से संबंधित शब्द की परिभाषा शब्दों के भेद शब्दविचार के अंतर्गत बच्चे शब्द की उत्पत्ति की जानकारी प्राप्त करेंगे।
15	व्याकरण उपसर्ग और प्रत्यय शब्द विचार अनेक शब्दों के लिए एक शब्द	उपसर्ग और प्रत्यय को जोड़कर बच्चे शब्द बनाना सीखेंगे। रूढ,यौगिक योग रूढ, तद्भव तत्सम् आदि शब्दों में बच्चे अंतर करना सीखेंगे। शब्दविचार के अंतर्गत उसके विभिन्न भेदों को जानेंगे।		

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10	मेधा मंत्र (कहानी) (पाठ-15) जमशेद जी टाटा (जीवनपरिचय) (पाठ -16)	बच्चों में निःस्वार्थ सेवा एवं संयम की भावना का विकास होगा। हृदय परिवर्तन के भावों को समझेंगे। मानव संवेदना के सजीव चित्रण को समझ पाएँगे। व्यक्तित्व से प्रेरणा, कठिन परिश्रम, महत्वाकांक्षा, आत्मनिर्भरता, आत्मविश्वास जैसी भावनाओं का विकास होगा।	क्रियात्मक गतिविधि-5 जमशेदजी का व्यक्तिगत परिचय देते हुए उन पर दस पंक्तियाँ लिखें।	पठन पाठन आशय स्पष्टीकरण शुद्ध उच्चारण शब्दार्थ कठिन शब्द भाव स्पष्टीकरण परिचयात्मक लेख की जानकारी। समास की परिभाषा भेदों के नाम भेदों में अंतर स्पष्ट करना कारक की परिभाषा कारक के भेदों के नाम भेदों की परिभाषा
10	<u>व्याकरण</u> समास, कारक	कारक की विभक्तियों का प्रयोग कैसे किया जाता है इसकी जानकारी प्राप्त करेंगे।		
	<u>पुनरावृत्ति</u>			

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10	मेधा समर्पण (कविता) (पाठ-17) चंद्रगुप्त (एकांकी) (पाठ -19)	बच्चे जानेंगे कि मानव जीवन की कठिनाई तभी दूर हो सकती है तब जीवन के सत्य से परिचित होंगे। न्यायप्रियता और दृढ संकल्प शक्ति का विकास होगा।	क्रियात्मक गतिविधि-6 संकेत बिन्दू द्वारा कहानी लेखन करें।	पठन पाठन आशय स्पष्टीकरण शुद्ध उच्चारण शब्दार्थ कठिन शब्द भाव स्पष्टीकरण परिचयात्मक लेख की जानकारी। काल की परिभाषा काल के भेद भूतकाल के भेद वर्तमान काल के भेद भविष्यत काल के भेद विलोम शब्द पर्यायवाची शब्द
4	<u>व्याकरण</u> काल, निबंध, पत्र, विलोम , पर्यायवाची	काल की जानकारी प्राप्त करेंगे। इसके भेदों के अंतर्गत उपभेदों के बारे में भी जानेंगे।		

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5	मेधा सच हम नहीं,सच तुम नहीं (कविता) (पाठ -20) महायज्ञ का पुरस्कार (कहानी) (पाठ - 21)	बच्चे सीखेंगे कि जीवन में कैसी भी परिस्थिति आए हमें उनका मुकाबला करना चाहिए। निरंतर संघर्ष करते रहने को ही जीवन का सत्य माना है।		पठन पाठन आशय स्पष्टीकरण शुद्ध उच्चारण शब्दार्थ कठिन शब्द भाव स्पष्टीकरण प्रश्नोत्तर वाच्य की परिभाषा वाच्य के भेद कर्तृवाच्य, कर्मवाच्य, भाववाच्य
10	<u>व्याकरण</u> वाच्य, पर्यायवाची शब्द, विलोम शब्द (40-80)	बच्चों में निःस्वार्थ,दया ,परोपकार आशा, संयम ,दृढता जैसे भावों का विकास होगा। वाच्य के माध्यम से क्रिया के कर्ता, कर्म या भाव के अनुसार प्रयोग का बोध होता है।		विलोम शब्द पर्यायवाची शब्द

NO.OF PERIODS	TOPICS	OBJECTIVE	ACTIVITY	LEARNING OUTCOMES
5	मेधा सुभाषचंद्र बोस का पत्र (ऐतिहासिक पत्र) (पाठ - 23)	बच्चे प्रेरक व्यक्तित्व से प्रभावित होंगे। उनमें अच्छे गुणों का विकास होगा। उनमें देशप्रेम और देशभक्ति की भावना विकसित होगी।	क्रियात्मक गतिविधि-7 दो महान स्वतंत्रता सेनानियों का जीवन परिचय फोटो के साथ स्टिक फाइल में लिखें	पठन पाठन आशय स्पष्टीकरण शुद्ध उच्चारण शब्दार्थ कठिन शब्द भाव स्पष्टीकरण प्रश्नीत्तर क्रिया विशेषण की परिभाषा क्रिया विशेषण के भेद रीतिवाचक, कालवाचक, स्थानवाचक, परिणामवाचक
5	व्याकरण क्रिया विशेषण, श्रुतिसम भिन्नार्थक शब्द	बच्चे जानेगे कि क्रिया की विशेषता बताने वाले शब्दों को क्रिया विशेषण कहते हैं। क्रिया विशेषण की पहचान कब, कहाँ, किधर, कैसे, कितना आदि प्रश्नों से होती है।		

NO.OF PERIODS	TOPICS	OBJECTIVE	ACTIVITY	LEARNING OUTCOMES
5	मेधा खिलौना (कविता) (पाठ-24)	इस पाठ के अंतर्गत बच्चे बाल मनी विज्ञान ,सहानुभूति जैसे संवेगों से परिचित होंगे। इसमें बाल हठ का स्वाभाविक चित्रण किया गया है। इसका उद्देश्य बच्चों में दीन दुखियों के प्रति दया की भावना पैदा करना है।		कविता वाचन अर्थ समझना भावार्थ जानना कविता स्मरण करना बालहठ के बारे में समझाना वाक्य की परिभाषा वाक्य के भेद सरल वाक्य,संयुक्त वाक्य, मिश्रित वाक्य
5	<u>व्याकरण</u> वाक्य समूह वाची शब्द	इसके अंतर्गत बच्चे सीखेंगे कि पदों के व्यवस्थित सार्थक समूह को वाक्य कहते हैं। वाक्य के दो अंग हैं- उद्देश्य और विधेय। बच्चे रचना की दृष्टि से वाक्य के तीन प्रकार को जानेंगे-सरल,संयुक्त और मिश्रित		

NO.OF PERIODS	TOPICS	OBJECTIVE	ACTIVITY	LEARNING OUTCOMES
10	<u>व्याकरण</u> अलंकार मुहावरे (20-40), पत्र, निबंध।	बच्चे जानेंगे कि अलंकार का प्रयोग कविता की शोभा बढाने के लिए किया जाता है। अलंकार काव्य के सौन्दर्य में सहायक साधन है।	क्रियात्मक गतिविधि-8 मुहावरों को उनके अर्थों के साथ एक चार्ट पेपर पर लिखें।	अलंकार की परिभाषा अलंकार की भेद शब्दालंकार और अर्थालंकार अनुप्रास,श्लेष,यमक,उपमा, रूपक, उत्प्रेक्षा
	पुनरावृत्ति			

Subject: Science

NO. OF PERIOD	TOPIC	SUB-TOPIC	LEARNING OBJECTIVES / SKILLS TO BE DEVELOPED	ASSESSMENT / ACTIVITIES	LEARNING OUTCOMES
22	Food	Crop production	<ol style="list-style-type: none"> 1. Define the term agriculture 2. Understand different implements used in ploughing 3. Tabulate the difference between manures and fertilizers 4. Compare the different methods used in irrigation 5. Emphasize the importance of storage 	Give a presentation before your classmates "The disease-resistant varieties of wheat".	<ul style="list-style-type: none"> *Investigate common crop plants grown in India *To understand different implements used in ploughing *Explore ways to increase crop production *To know the importance of Nitrogen Cycle which represents one of the most important nutrient cycles found in terrestrial ecosystems *Students will demonstrate an understanding the diversity in modern agriculture organisation.
		Microorganisms	<ol style="list-style-type: none"> 1. Discovery of microorganism 2. Research how bacteria move, where they live, and how they reproduce 3. Learn how microorganism are harmful and useful 4. Study some common methods of food preservation 	Have a debate on topic 'Microorganisms: Friends or foes?'	<ul style="list-style-type: none"> Classify types of microorganisms - To know about harmful and useful microorganisms - To know different methods of food preservation

NO. OF PERIOD	TOPIC	SUB-TOPIC	LEARNING OBJECTIVES / SKILLS TO BE DEVELOPED	ASSESSMENT / ACTIVITIES	LEARNING OUTCOMES
26	Materials	Synthetic Fibres and Plastics	<ol style="list-style-type: none"> 1. Introduction to synthetic fibres 2. Explain synthetic fibres and polymers 3. Types of synthetic fibres 4. Characteristics of synthetic fibres 5. To study uses of some commonly used plastics, disadvantages of plastic and methods to prevent plastic pollution. 	Activity- Absorption of water by fibres	<p>To demonstrate an understanding of key features of polymers</p> <ul style="list-style-type: none"> - Recall different types of synthetic fibres and how they are made of - Get idea about the characteristics of different types of synthetic fibres. - To identify human made plastics with properties suitable for specific uses - To raise awareness and consequences of plastic pollution
		Metals and Non-Metals	<ol style="list-style-type: none"> 1. Recall various physical and chemical properties of metals and non metals 2. Reactivity series of metals to predict the products of reaction 3. Conceptual knowledge to daily uses of the elements 4. To know the reason why noble metals are non reactive 5. To investigate the reasons for corrosion of metals 6. To develop an idea on alloys, their composition, properties and uses. 	<ol style="list-style-type: none"> 1. To synthesize a non metallic oxide and test its solution using Litmus paper 2. To show that the oxide of non metals is acidic in nature. 	<p>Be able to classify an element into metal and non-metal based on experimental observations of physical and chemical properties</p> <ul style="list-style-type: none"> - Reactivity series of metals - To find out the uses of metal and non-metals - To understand about noble gases and why are they nonreactive in nature - state that corrosion is a chemical reaction which involves the surface of a metal changing from an element to a compound - To understand that the

NO. OF PERIOD	TOPIC	SUB-TOPIC	LEARNING OBJECTIVES / SKILLS TO BE DEVELOPED	ASSESSMENT / ACTIVITIES	LEARNING OUTCOMES
		Coal and Petroleum	1. The main energy sources – coal and petroleum 2. Classify natural materials (resources) into renewable and non renewable resources 3. How fossil fuel formed? 4. Conservation of resources and fossil fuels 5. Methods to be used to save energy	1. Discuss ways to save non renewable sources of energy. Prepare a report on it.	Recognize the natural resources and their utilization on the earth - Differentiate between renewable and non-renewable resources - To find out the ways To conserve the resources - understand the formation of fossil fuel - Recognize the importance and prevention of limited natural resources
		Combustion and Flame	1. Combustion, products of combustion and condition necessary for combustion 2. An active fire protection and how does it work? 3. Zones of flames 4. Calorific value of fuel harmful effects of burning fuels.	1. To show that for combustion to take place, air is required. 2. To prove that CO ₂ is produced on burning candle wax.	To understand that burning of any substance in air is called combustion - To know the principle of fire extinguisher - identify the parts of flame - Define calorific value of fuel - Impact of burning fuel s on the environment

NO. OF PERIOD	TOPIC	SUB-TOPIC	LEARNING OBJECTIVES / SKILLS TO BE DEVELOPED	ASSESSMENT / ACTIVITIES	LEARNING OUTCOMES
44	The world of the Living	Conservation of plants and animals	<ol style="list-style-type: none"> 1. Define term biodiversity 2. Understand the factors determining flora and fauna 3. List out the methods of conservation of forests and wildlife 4. To conserve diversity and integrity of plants, animals and micro-organism 5. Threatened and endangered species 	<ol style="list-style-type: none"> 1. Put together a case study on disappearing tigers in India. Include information on the tiger's natural habitat, why its numbers are decreasing and the steps being taken for its conservation 	<p>To understand that biodiversity boosts ecosystem productivity</p> <ul style="list-style-type: none"> - Classify flora and fauna - To find out best practices of protecting plants and wildlife and their habitats - the identification of the threatened animals and the assessment of their extinction according To the red data book.
		Cell - Structure and Function	<ol style="list-style-type: none"> 1. Define the term cell 2. Relate the structural differences in cell with their specific function 3. Differentiate between plant cell and animal cell 4. Mention the major parts of a typical cell 5. Cell division 	<ol style="list-style-type: none"> 1. Observe the plant cell under a microscope. 2. Make a biography report on the Dutch scientist Anton van Leeuwenhoek 	<p>To understand that cell is a basic unit of life</p> <ul style="list-style-type: none"> - how organisms perform life activities through single or multiple cells - To enable To understand the structure of a cell and their growth and division

NO. OF PERIOD	TOPIC	SUB-TOPIC	LEARNING OBJECTIVES / SKILLS TO BE DEVELOPED	ASSESSMENT / ACTIVITIES	LEARNING OUTCOMES
		Reproduction	<ol style="list-style-type: none"> 1. Recall the definition of reproduction 2. Learn about the functioning of the various organs of the male and female reproductive systems. 3. Understand the process of fertilization. 4. Differentiate between sexual and sexual reproduction. 5. Define metamorphosis 6. Differentiate between Viviparous and Oviparous. 	<ol style="list-style-type: none"> 1. Prepare a report on test tube baby 2. Make a report on cloning, its applications, advantage and disadvantages 	<p>Explore the various ways in which organisms reproduce</p> <ul style="list-style-type: none"> - Students will learn about the male and female reproductive systems and the developmental changes of pregnancy - Students will able To Differentiate viviparous and oviparous animals - To understand certain changes takes place in some organisms
		Reaching the age of adolescence	<ol style="list-style-type: none"> 1. Define hormone and state the function of hormones 2. Changes takes place during puberty 3. Differentiate the ways of determining the sex of foetus ways to take care of adolscents. 	<ol style="list-style-type: none"> 1. Prepare a chart on the human endocrine system, showing the locations of various glands and the names of the hormones secreted by them. 	<ul style="list-style-type: none"> - To understand that endocrine system consists of a number of ductless gland that secretes different hormones that controls different processes in the body - To accept that changes is an inevitable part of life - Puberty and adolescence - Determining the sex of baby

NO. OF PERIOD	TOPIC	SUB-TOPIC	LEARNING OBJECTIVES / SKILLS TO BE DEVELOPED	ASSESSMENT / ACTIVITIES	LEARNING OUTCOMES
28	Moving Things, People and Ideas	Force and pressure	<ol style="list-style-type: none"> 1. Identify force 2. Understand the effects of force 3. Define pressure 4. Cite examples for increased and decreased pressure 5. explain the consequences of air pressure 	<ol style="list-style-type: none"> 1. To perform an activity to show that pressure in a liquid increases with depth and pressure in a liquid at a depth is same in all directions. 	<p>To Recall types of force and its effects</p> <ul style="list-style-type: none"> - To acquire the knowledge of pressure and how it can be applied in our daily life. - To develop an idea of pressure that is exerted by liquids - Gain the familiarity with the techniques for reading standard barometer
		Friction	<ol style="list-style-type: none"> 1. Recognise friction as a force 2. List the advantages and disadvantages of friction 3. Describe the methods of increasing and diminishing friction 4. Understand fluid friction 	<ol style="list-style-type: none"> 1. Make a toy telephone 2. To perform an activity to understand the sound needs medium to travel from one place to another place. 	<p>To understand that sound is caused by vibrations</p> <ul style="list-style-type: none"> - acquire knowledge whether sound requires a medium for propagation - able To Differentiate the factors that make each sound different - To identify the parts of human ear and describe their function - To Classify and acquire knowledge on various musical instruments - describe the major sources, harmful effects and measures To control noise pollution.

NO. OF PERIOD	TOPIC	SUB-TOPIC	LEARNING OBJECTIVES / SKILLS TO BE DEVELOPED	ASSESSMENT / ACTIVITIES	LEARNING OUTCOMES
		Sound	<ol style="list-style-type: none"> 1. What is sound and what causes sound? 2. understand how sound is produced and propagated 3. understand the propagation of sound in liquid and gas 4. analyze the working of human ear 5. know about musical instrument 6. Differentiate between music and noise. 7. understand about the noise pollution and measures to control it 	<ol style="list-style-type: none"> 1. Make a toy telephone 2. To perform an activity to understand the sound needs medium to travel from one place to another place. 	<p>To understand that sound is caused by vibrations</p> <ul style="list-style-type: none"> - Acquire knowledge whether sound requires a medium for propagation - Able to differentiate the factors that make each sound different - To identify the parts of human ear and describe their function - To classify and acquire knowledge on various musical instruments - Describe the major sources, harmful effects and measures to control noise pollution.
32	How things work	Chemical Effects of Electric current	<ol style="list-style-type: none"> 1. Define conductors and insulators 2. Understand the electrical conductivity of some liquids in general 3. Identify chemical effects of electric current 4. List the uses of chemical effects such as electroplating 	<ol style="list-style-type: none"> 1. Perform an activity to observe conduction of electricity through water and other liquids 2. To demonstrate chemical effect of electric current on water 	<p>To know that some chemical solution conduct electricity while others not</p> <ul style="list-style-type: none"> - To know that the passage of electric current through a conducting solution causes chemical reaction - Define the terms electrodes, cathode and anode - To draw and set up the electric circuit for testing conductivity of various liquids.

NO. OF PERIOD	TOPIC	SUB-TOPIC	LEARNING OBJECTIVES / SKILLS TO BE DEVELOPED	ASSESSMENT / ACTIVITIES	LEARNING OUTCOMES
		Light	1. Regular and diffused reflection 2. Laws of reflection 3. Characteristics of image formed with a plane mirror Multiple reflection	1. To observe images formed by mirrors at an angle to each other. 2. To verify first law of reflection	* To understand that angle of incidence is equal to angle of reflection * To identify the examples of reflection in daily life *To locate the kind of image formed by a plane mirror * To get the idea that the number of images of an object placed between two mirrors can be found by obtaining the formulas
		Refraction and Dispersion of light	1. Define refractive index. 2. To develop an idea and reasons for dispersion. 3. Discuss image formed by spherical mirrors. 4. An eye – the natural optical instrument. Development of latest technologies to help visually impaired people.	1. To observe refraction of light 2. To perform an activity to show dispersion of light. 3. To identify different lenses and nature and size of images formed by them.	Compare the refraction of light through substances of different densities. - Children will be able to know position, nature and size of images formed by spherical mirrors. - To understand the parts and function of human eye and how they are helpful in capturing images.

NO. OF PERIOD	TOPIC	SUB-TOPIC	LEARNING OBJECTIVES / SKILLS TO BE DEVELOPED	ASSESSMENT / ACTIVITIES	LEARNING OUTCOMES
		The Universe	<ol style="list-style-type: none"> 1. Develop perspective on the history of human knowledge of the universe. 2. Introduction to universe and different heavenly bodies in it. 3. Detailed discussion on Sun, planets and other members of solar system. 4. To understand how planets and their satellites move. 5. To understand that scientists summarize findings to look for patterns in groups made of stars and importance of artificial satellites. 	<ol style="list-style-type: none"> 1. Prepare a 'fact sheets' on each of the 8 planets of solar system. your fact sheets should have information such as the planet's mass, diameter, distance from the sun, number of satellites and its special features. 	<ul style="list-style-type: none"> *Students can identify and understand the planetary images. *To recognize each planet, moon, Sun and other solar system members by its unique and identifiable features. *To establish the concept that all the planets move in their fixed orbit and satellites (moon) move around their own planet. *Children will get to know different phases of moon. *Contribution of different scientists to invent artificial satellites that had helped to access information.

NO. OF PERIOD	TOPIC	SUB-TOPIC	LEARNING OBJECTIVES / SKILLS TO BE DEVELOPED	ASSESSMENT / ACTIVITIES	LEARNING OUTCOMES
14	Natural Phenomena	Some Natural Phenomena	<ol style="list-style-type: none"> 1. Understand the phenomenon and causes of lightning 2. List the types of charges 3. Analyze the process of charging 4. Explain the working of electroscopes 5. Recognise the causes for earthquakes and identify the precautions to be taken during earthquake 	<ol style="list-style-type: none"> 1. Make a model of an Electroscopes 	<p>To enable to understand the stages of development of lightning and what causes thunder</p> <ul style="list-style-type: none"> - Attraction and repulsion of charges - To find out different ways of charging body - Demonstrate the working of electroscopes - Examine and explain the cause for earthquakes and identify the precautions to be taken during earthquakes.
20	Natural Resources	Pollution of water and air	<ol style="list-style-type: none"> 1. Define pollution 2. Enumerate the causes of pollution 3. Interpret the effects of air pollution 4. Outline the causes and impacts of water pollution 5. Propose the measures to control water pollution. 	<ol style="list-style-type: none"> 1. Symposium on “The biological pollutants in the air” – their sources and effects on the human beings 2. Case studies. 	<p>Students will be able to define what is pollution and identify the factors generated by humans to bring unwanted pollution</p> <ul style="list-style-type: none"> - To understand the importance of drinking water and identify the ways for making water fit for drinking <p>To find out the possible ways to conserve air and water</p>
<p>Note: The highlighted portion would be covered in UOI</p>					

Subject: Mathematics

NO. OF PERIOD	TOPIC	SUB-TOPIC	LEARNING OBJECTIVES / SKILLS TO BE DEVELOPED	ASSESSMENT / ACTIVITIES	LEARNING OUTCOMES
15	Rational Numbers (Chapter 1)	Introduction of Rational Numbers, Properties of Rational Numbers, Representation of rational Numbers on the Number Line ,Rational Numbers between two rational Numbers, Application	To operate with Rational Numbers, To Represent Rational Numbers on the Real Line	Work Sheet/Open Book Assignment Application Based Quiz, Oral test	To understand the concept of Rational number, To determinethe reciprocal of rational number, To represent the rational number on number line, To find rational numbers between two rational number
20	Algebraic Expression and Identities(Chapter 6)	Constant/Variables Addition , Subtraction, Multiplication and Division Special Identities Application	To demonstrate the concept of operations on Algebraic expression		To operate Algebraic Expression, To define variables, numerical expressions and algebraic expressions
10	Exponents and Powers(Chapter 2)	Exponents- It's Meaning Laws Of Exponents Expressing Large/Small Numbers in Standard form	To simplify Exponential Expressions by using Exponent rules ,To use the standard form to express very large or very small Numbers	Note book Exrecise	To demonstrate Exponential Expression and To solve problems related to it
10	Square & Square Roots(Chapter 3)	Properties of Perfect Squares, Prime Factorisation method for square root , Division Method for Square Root, Square Root Of Decimal	To find out Square and Square Root of a number by using different types of Methods	Note book Exrecise	To solve problems on square and square root, To find out Square and Square root by different methods

NO. OF PERIOD	TOPIC	SUB-TOPIC	LEARNING OBJECTIVES / SKILLS TO BE DEVELOPED	ASSESSMENT / ACTIVITIES	LEARNING OUTCOMES
10	Cubes & Cube Roots(Chapter 4)	Introduction, Cube Root By Prime Factorization, Method/Formula Method	To Find out Cube and Cube root of a number by using different types of Methods	Note book Exercise	To solve problems on Cube and Cube root, To find out Cube and Cube root by different methods
10	Playing With Numbers(Chapter 5)	Numbers in General , Divisibility Test	To Demonstrate the numbers in Generalized Form	Note book Exercise	To apply the concept of divisibility test in numbers.
15	Factorisation(Chapter 7)	Factors of Natural Numbers and Algebraic Expressions, Factorization Method by Taking common, Factorization by Regrouping Terms , Factorisation using Identities	To Factorise Numbers and Algebraic Expressions by various methods	Note book Exercise/ Worksheet	To understand the factorisation of Numbers and Algebraic Expressions by various methods
20	Percentage (Chapter 9) Profit and Loss (Chapter 10)	Finding Discounts , Estimation in Percentages, Concept of Profit and loss,	To Demonstrate the concept of Percentage CP, SP, LOSS GAIN and related word problems	Note book Exercise/ Worksheet	To solve word problems of Percentage and Profit and loss
15	Comparing Quantities(Chapter 11, 13)	Understanding and application of Compound Interest, Time and Work	To Understand the concept of CI and the concept of time and work equivalence and relationship between time and efficiency	Note book Exercise/ Worksheet	To Solve Problems related to discounts, C.I and time and Work

NO. OF PERIOD	TOPIC	SUB-TOPIC	LEARNING OBJECTIVES / SKILLS TO BE DEVELOPED	ASSESSMENT / ACTIVITIES	LEARNING OUTCOMES
12	Linear Equation in One Variable(Chapter 8)	Rules For Solving Linear Equation ,Word Problems	To understand the concept of Linear Equation	Note book Exercise/ Worksheet	To solve word problems and write the equation according to the question and interpret the equation.
15	Direct & Inverse Proportions(Chapter 12)	Idea of direct and inverse, Variation, correlation of direct and inverse variation with ratio and proportion, Related problems/word problems	To understand the concept of Variations	Note book Exercise/ Worksheet	To Solve Problems Involving Variations
12	Understanding Quadrilateral (Chapter 15 , 16)	Different types of Quadrilateral, Properties of Different types of Quadrilaterals, Related problems, Parallelogram: Definition and concept, various properties of Parallelograms, Different types of parallelogram and Related Problems	To Solve and determine Area of Different types of Quadrilateral and Parallelogram	Chart Paper presentation (To draw figures of Different types parallelogram and Explain their Properties in the colourful Chartpaper) Group Activity	To Solve and determine Area of Different types of Quadrilateral and Parallelogram

NO. OF PERIOD	TOPIC	SUB-TOPIC	LEARNING OBJECTIVES / SKILLS TO BE DEVELOPED	ASSESSMENT / ACTIVITIES	LEARNING OUTCOMES
10	Practical Geometry (Chapter 17)	Construction of Quadrilaterals : When four sides and Diagonals are given, When two Diagonals and three sides are given, When two adjacent sides and three angles are given, When three sides and two included angles are given, When other Special properties are known	To Draw and Construct all types of quadrilateral given in the chapter	Note book Exercise	To Draw and Construct all types of quadrilateral given in the chapter.
5	Visualizing Solid Shapes (Chapter 19)	Introduction, Views of 3D Shapes: Cube, Cuboid, Prism and Pyramid, Euler's Relation For 3-D Figures	Draw and Interpret Top, Front and Side view of 3D Objects , To apply Euler's Relation in 3D shapes	Individual Activity (To make a stick file which includes Figure of 3D shapes and need to explain faces, Edges and Vertices and also verify Euler's Theorem)	Draw and Interpret Top, Front and Side view of 3D Objects , To apply Euler's Relation in 3D shapes

NO. OF PERIOD	TOPIC	SUB-TOPIC	LEARNING OBJECTIVES / SKILLS TO BE DEVELOPED	ASSESSMENT / ACTIVITIES	LEARNING OUTCOMES
20	Mensuration (Chapter 14, 18 , 20)	Introduction, Polygons: Idea of polygons, Basic properties of Polygons, Different types of polygons, Related Theorem, Related Problems Area of trapezium, Area of quadrilaterals, Surface Area of cube, cuboid and Cylinders , Volume of Cube , Cuboid and Cylinders	To Determine Area of Polygons, Area of all types of Quadrilaterals and parallelograms by using their Formula, To Determine Surface Area of Cube, Cuboid and Cylinders, To Determine Volume of 3D Objects like Cube, Cuboid and Cylinder	Notebook Exercise/ worksheet	To solve problems related to find area of any polygons, Quadrilateral, cube, cuboid and cylinder.

NO. OF PERIOD	TOPIC	SUB-TOPIC	LEARNING OBJECTIVES / SKILLS TO BE DEVELOPED	ASSESSMENT / ACTIVITIES	LEARNING OUTCOMES
25	Data Handling (Chapter 21,22,23,24,25)	Constructing and interpreting: Pictograph, Bar Graph, Double bar Graph, Organizing data, Grouping of Data, Frequency Distribution table, Circle Graph or Pie Chart: Basic idea of plotting graph. Knowledge of Cartesian coordinate system, related problems. Introduction, Method to draw Pie Chart, Probability: Idea of probability, Importance of probability, simple related problem on probability of an event	To draw and interpret Graph given in the Chapter, To Draw and Interpret Frequency Distribution Table, Draw and Interpret pie- Chart, To Interpret Events and Outcomes and to Determine Probability of Occurrence of an Event	Group Activity 'Seminar' To make one stick File or Chart paper explaining the concept of Different types Of Graph with Examples(Group of Three Students together can make one File Or Chartpaper)	Draw and interpret Graph given in the Chapter, To Draw and Interpret Frequency Distribution Table, Draw and Interpret pie- Chart, To Interpret Events and Outcomes and to Determine Probability of Occurrence of an Event

Subject: Social Science

NO.OF PERIODS	TOPIC	SUBTOPIC	LEARNING OBJECTIVES	Assessments	LEARNING OUTCOMES
20	History Ch-1 Where, When and How	Introduction Arrival of British India in the 18 th c Timeline The Early Modern Period and Renaissance in Europe The Industrial Revolution Methods of studying the Modern Period Difficulties using the original records	Making students understand the importance of History in Modern Period	F.A Activities F.A. 1:History Activity 1 Project file If a Historian cannot find written primary sources, what other sources can he or she look for? What about buildings, archaeological finds, artwork or craft tools? What do these types of objects tell us about the past? What do they leave out? Activity 2 C.W/H.	Understand the importance of Dates. Appraise the administrative Records as an important source Of history.
	Civics Ch-1 The Indian Constitution	The Constituent Assembly <ul style="list-style-type: none"> • Challenges faced by the constituent assembly • The Preamble • The Constitution of India • Features of Indian Constitution • Federalism • Parliamentary Form of Government • Separation of powers 	To enable students to: Develop an understanding of the rule of law and our involvement with the law. Understand the constitution as the primary source of all our laws. Understand laws as evolving and subject to change. Understand the vision and values of the constitution.		Will be able to understand the Rule of law and Indian Constitution

	<ul style="list-style-type: none"> • Fundamental Rights • Secularism • Directive Principles of State Policy • Fundamental Duties • A Living Constitution • Fundamental Rights and Duties • Right To equality • Right To freedom • Right against exploitation • Right to freedom of religion • Cultural and educational rights • Right to constitutional remedies <p>Fundamental Duties: Article 51 A, Part IVA</p>	Appreciate our continuous involvement with the constitution as a living document.		
Geography CH-1 Resources	<ul style="list-style-type: none"> • Resources • Types of Resources • Natural Resources • Based on development: • Actual Resources • Potential Resources • Based on origin • Based on renewability • Renewable Resources • Non – Renewable Resources • Based on distribution • Human made resources • Human Resources 	To know the meaning of resources, their variety, location and distribution. To understand the importance of resources in life.	F.A.1 Activity 3 Pen paper test(PPT)	Explain the term 'resources' Define the terms 'natural resources', 'human-made resources' and 'human resources' Explain the different ways of conserving

		Conservation of Resource			natural resources Explain the principles of sustainable development
6		Revision and holiday home-works to be given		HOLIDAY HOMEWORK F.A 2 Activity 1 Collect lots of small pieces of waste like pieces of cloth, ribbons, buttons, paper clips, old toy parts, dried grass. Cut out the pizza dough out of cardboard and paste the waste items on it. Make sure it looks like a pizza(best out of waste)	

15	History Chapter 2 Establishment of British Rule In India	<ul style="list-style-type: none"> • European Trading Companies in India • Anglo – French Rivalry: The Carnatic wars • The British Control of Bengal • The Battle of Plassey (1757) • The Battle of Buxar (1764) • Dual system of Administration in Bengal • The Expansion of British Empire • The Anglo – Mysore Wars (1767-1799) • Anglo – Maratha wars(1775-1818) • Developments in Burma, Sind and Punjab • The Anglo- Sikh wars (1845-1849) • Doctrine of Lapse • Reasons for the success of the British • Administration of the British Empire • The Regulating Act of 1773 • Pitt’s India Act, 1784 • Charles Acts of 1793,1813,and 1833 • The Civil Service • Military Administration • Police Administration • The Judiciary • Policy of Paramountcy 	Unravel the story of a trading company becoming a political power. Show how the consolidation of British power was linked to the formation of colonial armies and administrative structure.	F.A.2 Activity 2 C.W/H.W Activity 3 PPT	Describe the Events which led to the Supremacy of the British Empire. Understand how Trade led to Battle in the past.
	Geography	<ul style="list-style-type: none"> • Land use 	To know land use		Students will be able to

	<p>Chapter 2 Land and Soil</p>	<ul style="list-style-type: none"> • Relief features • Human and economic activities • Soil • Factors responsible for soil formation • Parent rock • Climatic conditions • Slope of land • Plant and animal organisms • Time • Soil profile • Horizon A, Horizon B • Horizon C, Horizon D • Soil resources of India • Alluvial soil • Black soil • Red soil • Laterite soil • Mountain soil • Desert soil • Soil conservation • Contour ploughing • Terrace farming • Crop rotation • Strip cropping • Afforestation Shelter belt 	<p>and causes of land degradation. Utility of soil and its conservation</p>		<p>understand land and soil types and its conservation and soil profile</p>
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24	History chapter 3 Rural life and society	<ul style="list-style-type: none"> • System of land revenue collection • The Ijradari System • Permanent Settlement • The Ryotwari System • The Mahalwari System • Impact of land revenue systems • Cultivation of Indigo • Pleasant uprising • Indigo revolt in Bengal 	Provide a broad view of changes within rural society through a focus on two contrasting regions. Show the continuities and changes with earlier societies. Discuss how growth of new crops often disrupted the rhythms of peasant life and led to revolts		Able to understand various changes in rural life and systems followed during the British
	Geography Chapter 3 Water Resources	<ul style="list-style-type: none"> • Need for water • Freshwater Resources • Multipurpose River Valley • Dams • Canals • Tanks • Wells and Tube Wells • Need for Conservation of Water Resources • Water Scarcity • Over-Utilization • Qualitative Decline • How to Conserve water • Afforestation • Irrigation 	To develop awareness towards resources conservation and take initiative towards conservation process.		Able to understand importance of water resources and its conservation

		<ul style="list-style-type: none"> • Industrial Water • Domestic Use • Rainwater Harvesting • conclusions 			
	Civics Chapter 2 Secularism	<ul style="list-style-type: none"> • Secularism as an Ideal • Why Secularism? • Religion , State and Politics • Interpretation of Religion • Secularism in India • Case study • Uniqueness of Indian Secularism 	On how an ideal of the Constitution translates into Law		Able to understand the concept of secularism and its importance in constitution and religions
26	History Chapter 4 Tribal Societies	<ul style="list-style-type: none"> • Social Life • Economic Life • Policies of the British Towards the Tribals • Tribal Revolts in Chhota Nagpur Region • The Santhal Rebellions • The Munda Rebellion • Case study: • BirsaMunda • Tribal Uprisings in the North East Region • Tribal Uprisings in the South 	To show how government records can be read against the grain to reconstruct histories of tribal revolts.		Identify different Tribes found in India. Describe the life style of the Tribal people.
	History Chapter6 The Revolt of 1857	<ul style="list-style-type: none"> • Social Life • Economic Life • Policies of the British Towards the Tribals • Tribal Revolts in Chhota Nagpur Region 	To discuss how revolts originate and spread. To illustrate how vernacular and British accounts can be read to		Causes of revolt of 1857. Describe the important events during the revolt Describe the role of few people who made significant contributions

	<ul style="list-style-type: none"> • The Santhal Rebellions • The Munda Rebellion • Case study: • BirsaMunda • Tribal Uprisings in the North East Region • Tribal Uprisings in the South • Causes of Revolt of 1857 • Political Causes • Social Causes • Economic Causes • Religious Causes • Military Causes • Immediate Cause • Centers of Revolt • Kanpur • Lucknow • Jhansi • Bareilly • Bihar • Delhi • Reasons for failure of the Revolt • Consequences of the Revolt of 1857 • Case study (Divide and Rule) 	understand the rebellion		in the revolt
Geography Chapter 4 Natural vegetation and Wildlife	<ul style="list-style-type: none"> • Distribution of Natural Vegetation • Forests • Tropical Evergreen Forest • Tropical Monsoon Forest • Temperate Evergreen Forest 	To appreciate the judicious use of resources for sustainable development		

		<ul style="list-style-type: none"> • Mediterranean Forest • Temperate Deciduous Forest • Coniferous Forest • Grasslands • Tropical Grasslands • Temperate Grasslands • Shrubs • Desert Vegetation • Tundra vegetation • Natural Vegetation of India • Tropical Evergreen Forest • Tropical Deciduous Forest • Thorn and Scrub Forest • Tidal Forest • Mountain Vegetation • Conservation of Forests • Conservation of wildlife: S.America , Africa , Australia , Europe , N.America,Asia • Wildlife in India and its Conservation • WWF for Nature and India 			
5	Civics Chapter 4 Laws	<ul style="list-style-type: none"> • Influence of History • Arbitrary British Laws • Evolution of law • Making a new Law • Role of the People • Controversial laws <p>REVISION AND SA1</p>			

10	History Chapter 7 Colonial Education	<ul style="list-style-type: none"> • Education During the Colonial Rule • Wood’s Despatch,1854 • Colonial Education after Wood’s Despatch • Rabindranath Tagore’s unique concept of Education • Case study (Baroda , Aligarh) 	To show how the educational system that is seen as universal and normal today has a history. Discuss how the politics of education is linked to questions of power and cultural identity		Describe the conflict views of the British officials about promoting oriental education in India. Describe the Wood’s Despatch and educational Policies introduced by British Describe the views of Mahatma Gandhi and Rabindranath Tagore on education.
	Geography Chapter 5 Mineral and Power Resources	<ul style="list-style-type: none"> • Minerals • Mining • Deep shaft mines • Open – cast mines • Metallic minerals • Iron • Copper • Bauxite • Manganese • Gold • Uranium • Non – Metallic • Diamond • Mica • Power Resources • Conventional Resources • Coal • Petroleum 	To develop awareness towards resource conservation and its importance	F.A. 3 Activity1 Do you have plants at home? Observe the plants for a few days. Try growing some too, in order to be able to answer the following questions: Q1. Does the type of water you use to	Describe the different types of minerals based on their composition Describe the various methods of extracting minerals List the three main types of rocks found on the earth’s crust. Explain the distribution of minerals in different parts of the world.

		<ul style="list-style-type: none"> • Natural Gas • Hydroelectric Power • Distribution of coal and petroleum in India • Non – Conventional sources of Energy • Solar Energy • Wind Energy • Geothermal Energy • Nuclear Energy • Tidal Energy • Biogas • Non – Conventional sources of Energy of India • Atomic Energy • Geothermal Energy • Tidal Energy • Solar Energy • Wind Energy • Conservation of Mineral and Power Resource 		<p>water your plants affect the growth of plants? Q2. Does the amount of light affect the growth of plants? Q3. Will frozen seeds sprout? Q4. Can plants grow without soil?</p>	
10	<p>History Chapter 8 Women and Reforms</p>	<ul style="list-style-type: none"> • Status of Women Before the Reforms • The Role of Social Reformers. • Impact of Women’s Movement 	<p>To discuss why so many reformers focused on women’s question and how they visualized a change in women’s condition.</p>	<p>F.A 3 Activity 2 C.W/H.W</p> <p>Activity 3 PPT</p>	<p>Understanding status of women and can be able to compare</p>
	<p>Civics Chapter 5</p>	<p>Independence of the Judiciary</p> <ul style="list-style-type: none"> • Appointment and Removal of the 	<p>Understanding the importance of the</p>	<p>Flow charts</p>	<p>Will be understanding importance of law and</p>

	Judiciary in India	<p>Judges</p> <ul style="list-style-type: none"> • The structure of the Judiciary • Jurisdiction of the courts: The Supreme Court, High Court, District Court • Integrated System of Judiciary • Case study • Civil and Criminal Law • Tribunals • Issues in Judiciary • Public Interest Litigation(PIL) 	Judiciary system and its levels		its levels of working in country
15	Geography Chapter 6&7 Agricultural Practices	<ul style="list-style-type: none"> • Factors Affecting Agriculture • Subsistence Agriculture • Shifting Agriculture • Nomadic Herding • Intensive Subsistence Agriculture • Organic Farming • Commercial Farming • Extensive Commercial Agriculture • Plantation Agriculture • Mixed Farming • Dairy Farming • Truck Farming, Market Gardening and Horticulture • Major crops • Food crops • Rice, Wheat, Maize • Millets • Commercial crops • Sugarcane, Rubber 	Learn about various types of farming and crops grown	F.A.4 Activity 1 Holiday homework Collect information on the illegal activities like poaching which are widespread in the forests of India. Make a presentation on how it brings the	Understanding of various farming activities and can be able to differentiate between various

	<p>History Chapter 12 The Nationalist Movement: Rise and Growth till 1905</p>	<ul style="list-style-type: none"> • Fibre Crops • Cotton, Jute • Beverage crops • Tea, Coffee • Agricultural Development • Reasons for Nationalist Movement • The Founders • Birth of Indian National Congress(INC) • Pre – Gandhian Era • Methods Used by Moderates • Response of the Government • Achievements 	<p>To outline the major developments within the national movement and focuses on detailed study of one major event</p>	<p>tribals in conflict with such law breakers</p> <p>F.A.4 Activity 2 C.W/H.W Activity 3 PPT</p>	<p>Able to understand importance of Nationalism and value of Freedom</p>
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20	History Chapter 13 The National Movement 1	<ul style="list-style-type: none"> • The Extremists • Policies of Lord Curzon • Partition of Bengal, 1905 • Objectives and Methods of the Extremists • Swadeshi and Boycott Movement • Divide in the Congress, 1907 • The Emergence of the Revolutionary Act • Steps Taken by British to control the Extremists • Formation of the Muslim League • Developments during world war 1(1914-1918) • Home Rule Movement • The Lucknow Pact,1916 • Montagu Declaration 	To show how contemporary writings and documents can be used to reconstruct the histories of political movements		Explain the reasons for the Emergence of nationalism in India. Describe the 'moderate' demands of the congress to pursue these demands. describe the rise of Radicals in the congress. Explain the reasons for the Swadeshi Movement
	Civics Chapter 6 Criminal justice system in India	<ul style="list-style-type: none"> • Role of the Police • Filing F.I.R • Role of Public Prosecutor • Role of Defence Lawyer • Role of Judge • Fair Trial • Case study 	To understand what an FIR is and how to file one.		Understanding of importance of FIR and various roles of Police and Court
	Geography Chapter 8 Manufacturing Industries :their classification	<ul style="list-style-type: none"> • Significance of Industries • Classification of Industries • Factors influencing the Location of Industries • Industrial System • Industrial Regions Major Industries	To understand important forms of manufacturing industries.		Understanding various forms of Industries and its importance

25	History Chapter 14 The National Movement 11	<ul style="list-style-type: none"> • The Rowlatt Act 1919 • JalianwalaBagh Massacre • Case study (The Khilafat Movement) • Non – Cooperation Movement • Swarajist Party • Emergence of Two Revolutionary Leaders • The Simon Commission, 1927 • PoornaSwaraj 1929 • Revolutionary Movement 1920 to 1930 • Civil Disobedience Movement and the Dandi March • Gandhi – Irwin Pact 1931 • The Second Round Table Conference • The Government of India Act 1935 • Demand for a Separate Pakistan • Other Developments • The Communal Award and Poona Pact • The Cripps Mission • Quit India Movement 1942 • Netaji and INA • Advent of Independence • The Partition • The Mountbatten Plan • Birth of Independent India and Partition 	Links with constitutional changes. Appreciate the leadership of Mahatma Gandhi Debate on the happenings between 1922 and 1929 Express their views on independence and partition	Have value of Independence Day
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	<p>Civics Chapter 7 Marginalization</p>	<ul style="list-style-type: none"> • Historical Background • Current Population • Mining and Plantation • Story of mining • Development and Adivasis • Case study • Other Marginalised communities in India • Constitutional provisions • Significance of the Tribal Culture 	<p>To enable students to: Understand what is meant by marginalized, gain a critical understanding of social and economic injustices. Develop skills to analyse an argument from the marginalized point of view.</p>		<p>To have value for workers around us Have value for SC/ST/OBCs</p>
	<p>Geography Chapter 10 Human Resource</p>	<ul style="list-style-type: none"> • Population Distribution • Areas of High Density • Areas of Medium Density • Areas of Low Density • Population Distribution in India • Factors Influencing population Distribution • Growth of population • Population Composition • Age Composition • Sex Ratio • Literacy • Population Growth and Economic Development 	<p>To achieve efficiency and effectiveness. The effective utilization of resources. To help the organization reach its goals. To ensure respect for human beings.</p>		<p>Value education understanding human as a resource Respect for human resource: Teachers, helpers, cooks, bus drivers etc</p>

16		<ul style="list-style-type: none">• Value education• Understanding human as a resource• Respect for human resource: Teachers, helpers, cooks, bus drivers etc			
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Subject: French

NO. OF PERIOD	TOPIC	LEARNING OBJECTIVES / SKILLS TO BE DEVELOPED	ASSESSMENT / ACTIVITIES	LEARNING OUTCOMES
7	1- LA FRANCE, QU'EST-CE QUE C'EST? 2-LA RENTRÉE	* Give knowledge about French Culture and Civilization * Learn adverbs of quantity * Learn negation	Exercise Book	Able to know France geography and culture. Know the uses of adverbs of quantity Be able to make negative sentences.
	-LA RENTREE SUMMER VACATION		Exercise Book	Revise the Topic
12	1- IL EST FRANÇAIS? 2- LA JOURNÉE DE MADAME LAVIGNE	<ul style="list-style-type: none"> • Learn new words • Position of adjectives • Learn the infinitive after other verbs. • Describe a person. • Learn about the family members • Learn about sessions • Learn to tell time • Learn to tell daily routine 	- Self presentation on chart paper - Exercise book	Able to use different position of adjectives. Enhance their writing and communication skills with the help of the assignment.
6	KALU EST MALADE	<ul style="list-style-type: none"> • Learn three question forms • Learn negative and 'Si' • Learn animal names • Learn special use of 'avoir' 	- Chart paper presentation based on the animals - Exercise book	Able to use different question forms Know different animals names in French Able to use expressions with 'avoir' verbs

NO. OF PERIOD	TOPIC	LEARNING OBJECTIVES / SKILLS TO BE DEVELOPED	ASSESSMENT / ACTIVITIES	LEARNING OUTCOMES
7	1- Faire les Courses	<ul style="list-style-type: none"> • Learn new words • Learn Savoir and Connaitre verb. • Learn Interrogative adverbs 	<p>Dictation from the text book chapter faire les courses.</p> <p>Exercise book</p>	<p>Able to conjugate connaitre and Savoir verbs also their uses.</p> <p>Enhance their writing and listening skills</p>
3	Revision	<p>Learn different type of shop</p> <p>revision</p>	Exercise book	Apply their knowledge about what they have learnt
7	1 – Monsieur LAVIGNE cherche un manteau.	<ul style="list-style-type: none"> • Learn new words • Learn preposition and adverbs of places • Learn verbs conjugation of ayer – oyer – uyer ending group 	<p>Describe the places of objects with the help of prepositions.</p> <p>Exercise book</p>	Able to apply prepositions according to places and enhance writing skills.

NO. OF PERIOD	TOPIC	LEARNING OBJECTIVES / SKILLS TO BE DEVELOPED	ASSESSMENT / ACTIVITIES	LEARNING OUTCOMES
8	1- Allons à Paris 2- Les photos de Manuel	<ul style="list-style-type: none"> • Learn new words. • Learn usage of preposition (au, aux, à, en, du de la, de...) • Learn some name of famous monuments in France. • Learn France festivals 	Dictation from the text book (chapter Allons à Paris). Reading Activity from the text book (chapter les photos de Manuel). Exercise book.	Able to know France culture and civilization based on monuments and festivals . Enhance their reading , writing and listening skills.
7	1-Les photos de Manuel 2- Au café de LAURENT	<ul style="list-style-type: none"> • Learn New Words • Learn demonstrative adjectives. • Imperative sentences 	Chart paper presentation based on festivals of France Exercise book.	Develop listening and writing skills. Knowledge Imperative sentences and demonstrative adjectives.
4	Au café de LAURENT	Learn about French food.	Exercise book	Know about French food and communicate with food items in their daily meals
7	Revision	Revision	Revision	Revision

Subject: Sanskrit

NO. OF PERIODS	CHAPTER/UNIT TITLE	ACTIVITIES	TESTS
19	पाठ 1 2 स्वर एवं व्यंजन उच्चारण स्थान	श्लोक गायन	FA- 1/Round-1
6	पाठ 3 एवं स्वर सन्धि पारिभाष	शुद्ध उच्चारण	
15	पाठ 4 5 एवं स्वर सन्धि आदि	सन्धि विगृह्य शब्द निर्माण	FA -1 /Round-2
24	पाठ 6 7 अ एवं इ कारान्त शब्द रूप	शुद्ध उच्चारण एवमं लेखन	FA-2/Round-1
26	पाठ 8 9 आ कारान्त उ ऊ कारान्त शब्दरूप	संख्या वाचक पद एवं वाक्य निर्माण	FA-2/Round-2
24	पाठ 10 11 अ कारान्त नपुंसक लिंग धातु रूप लट लकार	श्लोक अर्थ एवमं गायन	Summative assessment-1
17	पाठ 12 13 एवमं कारक प्रकरण	श्लोक गायन	

NO. OF PERIODS	CHAPTER/UNIT TITLE	ACTIVITIES	TESTS
15	पाठ 14 15 पृत्यय त्वा आदि	पृत्यय द्वाराशब्द निर्माण एवं प्रयोग	FA-3/Round-1
19	पाठ 16 चिः वर्णन वाक्य निर्माण	लकार प्रयोग संस्कृत गीत गायन	FA-3/round-2
23	पाठ 17 18 पुनरावृत्ति पः लेखन समास वर्णन		FA-4/ROUND-1
23	पाठ पुनरावृत्ति पः लेखन समास वर्णन		FA-4/ROUND-2
16	पाठ पुनरावृत्ति		

Subject: Information Technology

NO.OF PERIODS	TOPIC	SUB-TOPIC	LEARNING OBJECTIVES / SKILLS TO BE DEVELOPED	ASSESSMENT / ACTIVITIES	LEARNING OUTCOMES
4	Networking Concepts	* Networking And Its Advantages	Introduction To Networking And Its Types	Class Room Lecture	Students Will Learn Various Types Of Network Configurations And Their Advantages / Disadvantages
		* Networking Components			
		* Types Of Networks			
		* Network Architecture			
		* Accessing A File From A Shared Drive			
		* Network Security			
6	Database Management System	* Introduction To Ms-Access	Introduction To Ms-Access	Lab Activity	Students Will Able To Create Database, Storing Data Etc
		* What Is Database			
		* Ms-Access & Its Features			
		* Creating Blank Database In Ms-Access			
		* Creating A Table Using Templates			
		* Closing Access Application			

NO.OF PERIODS	TOPIC	SUB-TOPIC	LEARNING OBJECTIVES / SKILLS TO BE DEVELOPED	ASSESSMENT / ACTIVITIES	LEARNING OUTCOMES
13	Advance Ms-Access	* Data Types In Ms-Access	To Understand The Various Advance Features Of Ms-Access	Lab Acticity / Project Work	Students Will Able To Handle Various Advance Features / Tools Available In Ms-Access
		* Creating Table In Design View			
		* Primary Key & Setting A Primary Key			
		* Adding A New Field			
		* Deleting / Moving A Field			
		* Entering Data In A Table			
		* Deleting A Row/Column			
		* Sorting Data Within A Access Table			
		* Setting Relationship Between Tables			
		* Creating Query			
		* Specify Simple/Multiple Criteria			
		* Using Forms & Reports In Ms-Access			

NO.OF PERIODS	TOPIC	SUB-TOPIC	LEARNING OBJECTIVES / SKILLS TO BE DEVELOPED	ASSESSMENT / ACTIVITIES	LEARNING OUTCOMES
7	Adobe Photoshop Cs3	* Features Of Photoshop Cs3 Professional	Introduction To Photoshop And Using Of Tools	Lab Activity	Student Will Start Showing Their Editing Skill Using Photoshop Software
		* Starting Adobe Photoshop			
		* Exploring The Main Parts Of Photoshop Interface			
		* Creating A New File			
		* Inserting Images And Text			
		* Palettes			
		* Opening And Image			
		* Selection Tools			
		* Crop/ Move Tool			
		* Common Paint Tools - Painting, Viewing, Etc			
* Layers					

NO.OF PERIODS	TOPIC	SUB-TOPIC	LEARNING OBJECTIVES / SKILLS TO BE DEVELOPED	ASSESSMENT / ACTIVITIES	LEARNING OUTCOMES
5	Visual Basic 2008	* Introduction To Visual Basic Programming	Introduction To Event Driven Programming Technique Using Visual Basic	Lab Activity / Project Work	Student Will Learn The Event Driven Programming Tecchnique Using Visual Basic Code
		* Introduction To Event Driven Programming			
		* Modes Of Vb Program			
		* Starting Visual Basic			
		* Vb Integrated Development Environment			
		* Components Of Visual Basic 2008			
		* Form / Properties Window			
		* Solution Explorer			
		* Toolbox			
		* Code Window			
		* Developing A Vb Application			
		* Creating A Form/Adding Controls To Form			
		* Commonly Used Controls			
		* Writing Codes For An Event			
		* Executing A Vb Application			
* Saving & Opening Vb Project					

NO.OF PERIODS	TOPIC	SUB-TOPIC	LEARNING OBJECTIVES / SKILLS TO BE DEVELOPED	ASSESSMENT / ACTIVITIES	LEARNING OUTCOMES
12	Advance Vb Programming	* Adding Image/Shapes In A Form	Learn Advance Programming Technique In Vb	Lab Activity	Student Learn More About Vb Programming Using Controls And Statements
		* Variables / Operators In Vb			
		* Use Of Arithmetic/Relational/Logical Operators			
		* Control Statements - If..Then..Else Statement			
		* Use Of - Radio Button, Checkbox Controls			
		* Select Case / Do....While / For....Next Statements			
5	Introduction To Html	* History Of Html	Introductio To Webpage Designing Using Html Programming Language	Lab Activity	Student Will Learn How To Design Simple Web Pages Using Colors, Pictures Etc
		* Describing Html Tags			
		* How To Create An Html Document			
		Viewing And Html Document In Browser			
		* Html Tag Attributes, Type Of Elements			
		* Changing The Appearance Of Text With Font Size, Color, Background Etc			

NO.OF PERIODS	TOPIC	SUB-TOPIC	LEARNING OBJECTIVES / SKILLS TO BE DEVELOPED	ASSESSMENT / ACTIVITIES	LEARNING OUTCOMES
7	Advance Html Programming	* Using Ordered/Unordered List	Introduction To Linking Of Pages In Html Web Designing	Lab Activity / Project Work	They Will Learn About How To Link Various Webpages In A Website
		* Marquee Text			
		* Creating Table In Html			
		* Linking With Web Page - Internal/External			
		* Inserting Images			
5	Surfing Internet	* World Wide Web	Introduction To Www Services Like Real Time Communication And Video Conferencing	Lab Activity	Student Will Gain Experience About Real Time Audio/Video Communication
		* Multimedia			
		* Real-Time Communication			
		* Skype			
		* Creating A Blog			