

Annual Curriculum (2023-24)

GRADE - VII

SUBJECT- ENGLISH

Book prescribed :

Month	Topic	Objectives	Art Integration/ Experiential learning	Methodology of teaching /Art of teaching	Learning Outcome
April	UNIT-1 CH-1 Dream, Dream, Dream	By the end of the topic a student will be able to: -comprehend and analyse the plot, incidents and characters. -tounderstand the central idea and develop the moral of the story. -To enrich the vocabulary of the students to use the same correctly	Paste pictures of your favourite political leader and state two qualities which inspired you.	Brainstorming, Collaborative, critical thinking Smart board illustration and discussion method	Students will be able to - interpret the incidents and analyse the characters. - To develop production skills (fluency and accuracy in speaking and writing answers). - To be able to answer comprehensive questions based on the extract
	UNIT-1 Ch-2 The Purple Haze	By the end of the topic a student will be able to: -comprehend and analyse the plot, incidents and characters. -to understand the central idea and develop the moral of the story. -To enrich the vocabulary of the students to use the same correctly		Discussion explanation Power Point Presentation, RTC	Students will be able to - interpret the incidents and analyse the characters. - To develop production skills (fluency and accuracy in speaking and writing answers). - To be able to answer comprehensive questions based on the extract

	GRAMMAR Unit-15 Sentences and its kind , subject and predicate	To learn about the correct use of sentence while speaking and writing - To use new words and phrases in their own language. To differentiate among different kinds of sentences.		-Power Point Presentation, Grammar book exercises	-Students learn about the correct use of sentence while speaking and writing - To use new words and phrases in their own language.
MAY	GRAMMAR- Unit-1&2 Nouns and Pronouns	Students will be able to recall all the nouns, genders, plurals to replace nouns by pronouns -They will acquire knowledge through rules in grammar. students will be able to distinguish pronouns in a sentence. -		- Discussion and explanation with examples -Workbook Exercises & Practice Exercises	students will be able to identify the kinds of nouns, pronoun and their usage. -To help students share and explore pronouns in real life situations
	Writing Skills Story writing	to equip them with the power of imagination To express their imaginations into grammatically correct sentences. To hone their writing skills		discussion method Brainstorming, Collaborative, critical thinking -	- Will able to write effectively and develop interesting story with the prompt.
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July	WRITING SKILL: Letter Writing (Informal letter)	- By the end of the topic students will be able -to explain the purpose of writing informal letter -list the components of a letter and its format. -Express their views in the desired manner To enable them grasp the theme and gist of the poem. -Know about poet and literary background	Write a letter to your friend congratulating him for scoring 1st position in the class.	- Familiarize the students with different Formats and Sample	To learn the format and style of informal communication and the specific language used. -To apply knowledge and better use of idioms -will be able to practically make use of writing skills Students will be able to – -to know more about literary devices used by the poet -To develop Comprehending, Reading, Listening and Imaginative skills

	Unit -2 Ch-3 The Ballad of Father Gilligan (poem)	-Recite the poem with proper intonation and correct pronunciation	Write down the zest of the poem in your own words.	Discussion about the poet and his contribution towards the literature, reading the poem with expalination.	-To appreciate the beauty, rhyme and style of the poem
	UNIT-3 Ch-3 The Walrus and the carpenter (poem)	-To kindle the imagination of creative poetry -To enable them grasp the theme and gist of the poem. -To help them to exercise the message given in the poem in their life.	Pick out phrases from the poem which are often used in daily conversation.	Discussion explanation Power Point Presentation, RTC	Students will be able to: -To inculcate the habit of reading poems -To identify the poetic devices used in the poem -To develop Comprehending, Reading, Listening and Imaginative skills
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	GRAMMAR Articles	to Acquire knowledge through rules in grammar - to explore the use of definite and indefinite articles -use accurate articles in day to day expressions in verbal and written form		Discussion and explanation with examples -Workbook Exercises & Practice Exercises	- Students will be able to: -Acquire knowledge through rules in grammar - to explore the use of definite and indefinite articles -use accurate articles in day to day expressions in verbal and written form
	Grammar UNIT-4 ADJECTIVES	-To express themselves in grammatically correct language -students will be able to form adjective from nouns -to acquire a knowledge about degree of comparisons	One minute spell: Recall and describe things around you	Discussion and explanation with examples -Workbook Exercises & Practice Exercises	- Students will acquire knowledge through rules in grammar -Students will be able to inculcate adjectives in writing and speaking. - they will develop a better command over English language
August	WRITING SKILL: Notice writing	-To develop appropriate style of writing. -to provide learners opportunities to explore ideas and to build connections between content areas	Draft a notice in 50 words informing the students of VI-VIII regarding annual day celebrations.	-to familiarize the students with format, samples and practice worksheet	-will be able to practically make use of writing skills -Students will learn about the purpose of writing the notice - Share ideas and develop appropriate style of writing
	Grammar 18 Voices + Tenses	-		PowerPoint presentation, Discussion method	

	UNIT 3 CH- 2 Dr. Doolittle	Students will be able to -Analyse, interpret, and infer ideas from the text. - Enhance their creativity and imagination comprehend and analyse the plot, incidents and characters.	Group discussions based on story	Brainstorming, Collaborative, critical thinking Smart board lecture and discussion method	-To enable the learners to extrapolate from the given text. -To sensitize themselves to the feelings of an individual -To develop production skills (fluency and accuracy in speaking and writing answers)
	GRAMMAR UNIT-6 Verbs	-to identify verbs in a Sentence. -to understand various kinds of verbs and distinguish them from one another -to apply the right kind of verbs that agree with the subject		Topic related Videos, PPTs will be shown Activities will be performed Assessments Quizzes	-identify verbs in a Sentence. -understand various kinds of verbs and distinguish them from one another -Apply the right king of verbs that agree with the subject
	GRAMMAR UNIT-11 Adverbs	-students will be able to use adverbs correctly. -to use adverbs to modify verbs, adjectives, or other adverb -understand how to identify adverbs from formal elements		Topic related Videos, PPTs will be shown Activities will be performed Assessments Quizzes	-students will be able to use adverbs correctly. -to use adverbs to modify verbs, adjectives, or other adverb -understand how to identify adverbs from formal elements
	Writing skill: FORMAL LETTER (Letter to Editor)	- to identify the various elements and format of letter writing - to identify situations that require formal business letter writing - to identify elements of a formal letter	Write a letter to the editor of Hindustan times telling him about the pathetic conditions of the roads of your locality	Format will be discussed. Samples of various types of application will be shown, explained and discussed. Creative writing practice will be given	-- to identify the various elements and format of letter writing - to identify situations that require formal business letter writing - to identify elements of a formal letter
SEPTEMBER (19 DAYS)	Revision of all topics	Revision of all topics		Class tests, practise worksheet	Revision of all topics
October (19 days)	UNIT-5 Ch-1 Self Esteem	By the end of the topic a student will be able to: -comprehend and analyse the plot, incidents and characters. -to understand the central	Write a few lines on the importance of positive thinking/ Draw a flow chart of being a positive thinker.	Brainstorming Collaborative, critical thinking Smart board lecture and discussion method	Students will be able to - interpret the incidents and analyse the characters. - To develop production skills (fluency and accuracy in

		idea and develop the moral of the story. -To enrich the vocabulary of the students to use the same correctly			speaking and writing answers). - To be able to answer comprehensive questions based on the extract
	UNIT-5 Ch-3 If (POEM)	-To enable them grasp the theme and gist of the poem. -Know about poet and literary background -Recite the poem with proper intonation and correct pronunciation	Write 5 IF's of your life.	Discussion explanation Power Point Presentation, RTC	Students will be able to – -to know more about literary devices used by the poet -To develop Comprehending, Reading, Listening and Imaginative skills -To appreciate the beauty, rhyme and style of the poem
	GRAMMAR UNIT-10 Tenses (present)	-differentiate present from past and future -to understand the rules for writing sentences into different kinds of present tense -to compose paragraphs according to given tense	Describe yourself in 10 lines using present tense	Power Point presentation Grammar book exercises	-differentiate present from past and future -to understand the rules for writing sentences into different kinds of present tense - to compose paragraphs according to given tense
	GRAMMAR UNIT-10 Tenses (past)	-To define Past Tense. - To identify Past Tense in a sentence. -To state the structure and form of Past Tense. - Framing sentences using Past Tense.		Power Point presentation Grammar book exercises	-Identifies Past Tense correctly -Uses Past Tense correctly Whilewriting. -Writes paragraphs using Past Tense Correctly
	GRAMMAR UNIT-10 Tenses (Future)	- To define Future Tense - To identify Future Tense in a sentence. - To state the structure and form a Future Tense -Frame sentences		Power Point presentation Grammar book exercises	-able to Identify Future Tense correctly -Uses Future Tense correctly while writing and speaking
	Writing Skills Diary Entry	- To express their personal emotions To familiarize with this	.	Discussion and brainstorming	- To express their personal emotions To familiarize with this type of

		type of writing skills.			writing skills
November (18 DAYS)	Unit-5 Ch-2The Star	By the end of the topic a student will be able to: -comprehend and analyse the plot, incidents and characters. -to understand the central idea and develop the moral of the story. -To enrich the vocabulary of the students to use the same correctly		Brainstorming, Collaborative, critical thinking Smart board lecture and discussion method	-To develop critical thinking by analysing the text -To sensitize themselves to the feelings of an individual. -To be able to answer comprehensive questions
	GRAMMAR UNIT-12 Prepositions	-students will explain and apply the knowledge to the position of the noun. -students will learn about prepositional words. -interpret given editing and omitting exercises for their suitable application	Preposition Pictionary	Discussion and explanation with examples -Workbook Exercises & Practice Exercises	-students will explain and apply the knowledge to the position of the noun. -students will learn about prepositional words. -interpret given editing and omitting exercises for their suitable application
	Writing skills: Email WRITING	-to know the purpose of writing emails -understand the format -to create Emails 'of their own both formal and informal	Write an email to your class teacher apologising her for not able to submit the project on time.	Discussion, familiarize the format, sample	-to know the purpose of writing E mail-understand the format to create Emails 'of their own both formal and informal -
DECEMBER (20 DAYS)	UNIT-6 CHAPTER-2 Travel Alone	-To promote the reading habits of students. -Enrich the vocabulary of the students - Acquaint the students with the term biography of a person		Brainstorming, Collaborative, critical thinking Smart board lecture and discussion method	-To develop critical thinking by analysing the text -To sensitize themselves to the feelings of an individual. -To be able to answer comprehensive questions
	UNIT-6 Ch-3 Travel (POEM)	-To enable them grasp the theme and gist of the poem. -Know about poet and literary background -Recite the poem with proper intonation and correct pronunciation	Find out the figure of speech used by the poet	Discussion explanation Power Point Presentation, RTC	Students will be able to - - know more about literary devices used by the poet -Nature and theme of the poem -describe the meaning of new words and use them efficiently

	GRAMMAR UNIT-13 CONJUNCTION	-to know about kinds of conjunctions. -apply conjunctions to join sentences. -differentiate the use of one conjunction from other.		Discussion and explanation with examples -Workbook Exercises & Practice Exercises	-to know about kinds of conjunctions. -apply conjunctions to join sentences. -differentiate the use of one conjunction from other. -self develop paragraphs with the use of newly learnt conjunctions
	WRITING SKILL: Dialogue WRITING	-The students will be able to focus on the major skills of English. -They will be able to express their ideas in the form of short and long dialogue	Write a dialogue conversation between you and your mom.	-Familiarize the students with different formats of the writing skills -Practice exercise of each writing skill will be given	-Students will be able to: develop appropriate means of communication via dialogue. - use of accurate vocabulary, expressions and sentence structure -to be able to apply the knowledge of tenses
JANUARY	UNIT-7 Ch-1 The first Flights	Students will be able to -Analyse, interpret, and infer ideas from the text. - Enhance their creativity and imagination comprehend and analyse the plot, incidents and characters.		Brainstorming, Collaborative, critical thinking Smart board lecture and discussion method	-To enable the learners to extrapolate from the given text. -To sensitize themselves to the feelings of an individual -To develop production skills (fluency and accuracy in speaking and writing answers)
	GRAMMAR UNIT 23 Speech	-Students will be able to differentiate between direct and indirect speech. To remember rules of changing the same Revise tenses		Discussion and explanation with examples -Workbook Exercises & Practice Exercises	- Students will be able to differentiate between direct and indirect speech. To remember rules of changing the same Revise tenses
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FEBRUARY (21 DAYS)	Revision of all the topics			Class tests, practise worksheet	Revision of all the topics

WEEKLY TEST SYLLABUS

<p><u>Term 1</u> Reading passage(unseen passages) Literature Unit 1 Ch-1,2,3 Unit 2 Ch-3 Unit 3 Ch-2,3 Grammar Done in the class till August Writing skills Story Writing Formal and Informal letters Novel 1-16</p>	<p><u>Term 2</u> Reading passage(unseen passages) Literature Unit 5 Ch-1,2,3 Unit 6 Ch-2,3 Unit 7 Ch-1 Grammar Done in the class till January Writing skills Email , Notice, Diary Entry and dialogue Novel 17-32</p>
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SUBJECT- SCIENCE

Book prescribed : Millennium' s Science

Month	Topic	Objective	Art Integration/ Experiential learning	Methodology of teaching / Art of teaching	LearningOutcome
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April	Chap 1 Nutrition in Plants	Students will learn the following topics 1. Meaning of nutrition 2. Need of nutrition 3. Modes of nutrition 4. Autotroph and heterotrophs.	To show that CO ₂ is necessary for photosynthesis. 1. Take potted plant. 2. Cover its leaf with polythene for 2 days 3. On third day remove the polythene and test the presence of starch.	Teaching will be on offline mode in which students will be made to understand every topic of the chapter. Methodology will include displaying the topics by video display on digital board and offline class lectures . Knowledge will be shared by discussing MCQ, organising quizzes etc. Hands on activities will increase interest among students	Knowledge Students will know 1. Importance of nutrition 2. How different types of plants obtain their food. 3. Interdependence of plants and other organisms 4. Role of decomposers in environment. Skills and competencies: Students will learn to practically enhance the fertility of soil naturally by growing legumes and using green manure.
	Chap 2 Nutrition in animals	The students will be able to understand the following topics 1. Intake and utilization of food by animals. 2. Digestion , absorption and assimilation 3. Details about human teeth 4. Digestion in grass eating animals. 5. Feeding and	Teaching will be on offline mode in which students will be made to understand every topic of the chapter. Methodology will include displaying the topics by video display on digital board and offline class lectures . Knowledge will be shared by discussing MCQ, organising quizzes etc. Hands on activities will increase interest among students.	Knowledge : Students will know 1. The different steps of nutrition in humans. 2. Organs involved and their role in the entire alimentary system 3. Differences between nutrition of humans and grass eating animals Skills and competencies : Students will be able to learn some homemade remedies to keep teeth and digestive system healthy. Knowledge Students will understand 1. Difference between fibres and fabric 2. Availability and utility of fibres and fabrics 3. Industrial processes to convert raw fibres into fabric Skills and competencies Students will be able to Categorize different types of fibres and fabrics and know their advantages and disadvantages.

<p>May</p>	<p>Chap 3 Fibre to fabric</p>	<p>digestion in amoeba</p> <p>Students will learn the following topics</p> <ol style="list-style-type: none"> 1. Natural and artificial fibres. 2. Sheep breeding and farming to obtain wool. 4. Silk rearing to obtain silk 4. Industrial and occupational hazards. 	<p>Collect the pictures of different animals from which wool is obtained and also write the places these animals belong to.</p>	<p>which students will be made to understand every topic of the chapter. Methodology will include displaying the topics by video display on digital board and offline class lectures . Knowledge will be shared by discussing MCQ, organising quizzes etc. Hands on activities will increase interest among students</p> <p>Teaching will be on offline mode in which students will be made to understand every topic of the chapter. Methodology will include displaying the topics by video display on digital board and offline class lectures . Knowledge will be shared by discussing MCQ, organising quizzes etc. Hands on activities will increase interest among students.</p>	<p>Knowledge : Students will know</p> <ol style="list-style-type: none"> 1. The basic difference between physical and chemical changes. 2. Effects of chemical reactions. 3. Types and uses of chemical reactions. <p>Skills and competencies: Students will learn practically to prevent rusting of iron objects</p> <p>Knowledge : Students will know</p> <ol style="list-style-type: none"> 1. About availability and utility of acid base and salts. 2. Acids found in different food items. 3. How to test acid and bases 4. Properties of salts. <p>Skills and competencies : Students will be able to make and use different indicators like china rose and red cabbage etc.</p> <p>Knowledge Students will know and understand</p> <ol style="list-style-type: none"> 1. Differences between weather and climate 2. Cause of rainfall and monsoon. 3. How different animals are able to adapt themselves according to their surroundings. <p>Skills and competencies Students will develop the skills to measure different elements of weather using different devices like hydrometer , rain gauge etc</p>
<p>July</p>	<p>Chap 4 : Chemical reactions .</p>	<p>Students will be able to understand the following topics</p> <ol style="list-style-type: none"> 1. Physical and chemical changes 	<p>To show the preventive methods against rusting by applying the oil , paint or grease</p>	<p>Teaching will be on offline mode in which students will be made to</p>	

	<p>Chap 5 : Acid , Base and Salt.</p>	<p>2. Chemical reactions 3. Characteristics of chemical reactions 4. Types of chemical reactions</p> <p>The students will be able to understand the following topics 1. Meaning of acid , base and salt. 2. Classification of acid and bases. 3. Indicators 4. Uses of acid , base and salts.</p>	<p>on iron objects at home and compare these painted objects with the other which are exposed to air.</p> <p>.....</p>	<p>understand every topic of the chapter. Methodology will include displaying the topics by video display on digital board and offline class lectures . Knowledge will be shared by discussing MCQ, organising quizzes etc. Hands on activities will increase interest among students.</p> <p>Teaching will be on offline mode in which students will be made to understand every topic of the chapter. Methodology will include displaying the topics by video display on digital board and offline class lectures . Knowledge will be shared by discussing MCQ, organising quizzes etc. Hands on activities will increase interest among students.</p> <p>Teaching will be on offline mode in which students will be made to</p>	<p>Knowledge : The students will be able to understand 1. Need and importance of soil. 2. Types of crops grown in a particular soil. 3. Absorption and percolation of soil. 4. Harmful effects of polluted soil.</p> <p>Skill and competencies : The students will be able to learn how to prevent soil erosion by proper sewage disposal and recycling of waste.</p> <p>Knowledge Students will know and understand 1. Mechanism of respiration in organisms 2. Difference between breathing and respiration. 3. Respiration in insects and plants.</p> <p>Skills and competencies Students will develop the thinking and practical skills to know the release of carbon dioxide during exhalation</p> <p>Knowledge Students will know 1. The importance of transportation in organisms. 2. Various transportation organs and their functions. 3. Importance of excretion.</p>
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	<p>Chap 6 : Weather , climate and adaptations</p>	<p>Students will be able to learn the following topics 1.Difference between Weather and Climate with examples 2. Causes of change of weather and climate. 3. Elements of weather like temp , humidity , rain , snow etc. 4. Climate and adaptations in different animals like polar bears , penguins , camels etc..</p>	<p>Observing the Change of air pressure due to change in wind speed by blowing air between two balloons.</p>	<p>understand every topic of the chapter. Methodology will include displaying the topics by video display on digital board and offline class lectures . Knowledge will be shared by discussing MCQ, organising quizzes etc. Hands on activities will increase interest among students.</p> <p>Teaching will be on offline mode in which students will be made to understand every topic of the chapter. Methodology will include displaying the topics by video display on digital board and offline class lectures . Knowledge will be shared by discussing MCQ, organising quizzes etc. Hands on activities will increase interest among students.</p>	<p>Skills and competencies Students will learn the skills to keep their circulatory system healthy by doing special exercises..</p> <p>.....</p> <p>Knowledge Students will know and understand 1. Differences between sexual and asexual reproduction in plants 2. Importance and utility of sexual and asexual reproduction in plants 3. How the nature helps plants in pollination and hence fertilization</p> <p>Skills and competencies Students will know how to produce a new plant asexually even at their homes , by means of cutting , grafting and other vegetative propagation methods.</p> <p>Knowledge Students will know 1.Need of measuring time. 2. Difference between the body at rest and motion 3. About various devices to measure time an , distance and speed. 4. Expressing the distance and time</p>
<p>August</p>	<p>Chap 7 : Soil</p>	<p>The students will learn the following topics 1.Formation of soil. 2. Soil profile. 3. Types of soil 4. Properties of soil.</p>	<p>.....</p>	<p>Teaching will be on offline mode in which students will</p>	<p>Knowledge Students will know 1.Need of measuring time. 2. Difference between the body at rest and motion 3. About various devices to measure time an , distance and speed. 4. Expressing the distance and time</p>

	<p>Chap 8 : Respiration in plants and animals</p>	<p>5. Soil and crops 6. Soil erosion and pollution.</p> <p>Students will be able to understand the following topics</p> <ol style="list-style-type: none"> 1. Aerobic and anaerobic respiration 2. Internal and external respiration 3. Breathing 4. Respiration in lower organisms 5. Respiration in plants. 	<p>To show the mechanism of breathing using plastic bottle , plastic tube , balloons , rubber sheet etc...</p>	<p>be made to understand every topic of the chapter. Methodology will include displaying the topics by video display on digital board and offline class lectures . Knowledge will be shared by discussing MCQ, organising quizzes etc. Hands on activities will increase interest among students</p> <p>.....</p> <p>Teaching will be on offline mode in which students will be made to understand every topic of the chapter. Methodology will include displaying the topics by video display on digital board and offline class lectures . Knowledge will be shared by discussing MCQ, organising quizzes etc. Hands on activities will increase interest among students.</p>	<p>graphically.</p> <p>Skills and competencies Students will learn the skills to measure the time , distance and speed accurately by simple methods in their daily life.</p> <p>Knowledge : Students will know</p> <ol style="list-style-type: none"> 1.The actual cause of flow of electric current. 2. About conductor and insulator. 3. Utility of different electric components. 4. Practical uses of effects of electric current. <p>Skills and competencies: Students will learn to make simple circuits by using cell and battery and use them for emergency light in case of electricity cut.</p> <p>Knowledge : Students will know</p> <ol style="list-style-type: none"> 1.Some natural phenomena related to light. 2. Behavior of light in different media. 3. Differences between real and virtual image. 4. Uses of spherical mirrors and lenses <p>Skills and competencies : Students will be able to handle optical instruments like spherical mirrors and lenses and learn to produce different type of images by these instruments which will further help them apply these skills to make kaleidoscope, magnifying glass.</p> <p>Knowledge The students will be able to understand</p> <ol style="list-style-type: none"> 1.The application of heat in our daily life. 2. Effects of heat 3. The need to measure the temperature 4. Thermometer and its types. <p>Skills and competencies The students will be able to learn how to use and measure the temperature using clinical as well as laboratory thermometers.</p>
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<p>September</p>	<p>Chap 9 : Transportation of materials</p>	<p>Students will be able to understand following topics. 1.Cause of transportation in body. 2. Human circulatory system. 3. Excretion in humans and animals. 4. Transportation in plants.</p>	<p>.....</p>	<p>Teaching will be on offline mode in which students will be made to understand every topic of the chapter. Methodology will include displaying the topics by video display on digital board and offline class lectures . Knowledge will be shared by discussing MCQ, organising quizzes etc. Hands on activities will increase interest among students</p>	<p>Knowledge Students will be able to understand 1.Mode of transfer of heat in solids , liquids and gases. 2. Mode of transfer of heat in vacuum. 3. Insulator and conductor of heat. 4. Land breeze and sea breeze Skills and competencies Making of simple heaters by using different modes of heat transfer like convection , conduction etc.</p> <p>Knowledge : Students will know 1.The various sources of water on earth 2. Wise use of water 3. Effect of scarcity of water on human life 4. Proper management of water for future generations Skills and competencies: Students will learn to conserve water for future use. They will be able to do water harvesting and store water .</p>
<p>October</p>	<p>Chap 10 : Reproduction</p>	<p>Revision of whole syllabus. Students will be able to understand the following topics 1. Modes of reproduction.</p>	<p>.....</p>	<p>Teaching will be on offline mode in which students will be made to understand every topic of the chapter. Methodology will include displaying the topics by video display on digital board and offline class lectures . Knowledge will be shared by discussing</p>	<p>Knowledge Students will be able to understand 1.Need and importance of forests 2. Utilities of forests 3. Classification of different organisms on the basis of food chain. 4. How to conserve forests on large scale</p>

	<p>in plants</p>	<p>2. Asexual reproduction like fragmentation , budding spore formation etc. 3. Flowering plants and their reproductive parts 4. Pollination and fertilization 5. Formation of seeds and dispersal of seeds.</p>		<p>MCQ, organising quizzes etc. Hands on activities will increase interest among students</p> <p>Teaching will be on offline mode in which students will be made to understand every topic of the chapter. Methodology will include displaying the topics by video display on digital board and offline class lectures . Knowledge will be shared by discussing MCQ, organising quizzes etc. Hands on activities will increase interest among students.</p>	<p>Skills and competencies The students will be able to learn how to plant different types of trees in available spaces and make best use of these trees and hence help in enhancing greenery.</p> <p>Knowledge : Students will know 1. Harmful effects of dirty water 2. Disinfection of water to make it fit for drinking 3. Drainage system. Skills and competencies : Students will be able to purify dirty water at home by using different easy techniques like boiling , adding chlorine tablets</p> <p>Knowledge Students will know and understand 1.Movement of air and its effects on weather and climate. 2. Cause of rainfall and monsoons. 3. Natural calamities like tornado , cyclones , thunderstorms etc Skills and competencies Students will develop the thinking and practical skills to safeguard themselves against natural calamities like thunderstorms by taking necessary precautions at once.</p> <p>.....</p>
<p>Chap 11 : Time and motion.</p>		<p>Students will be able to understand following topics. 1.Measurement of time by ancient and modern methods 2. Concept of motion and speed 3. Types of motion 4. Distance time graph.</p>	<p>Activity : Materials required : measuring tape and stop watch. Make 2-3 of your friends run on a track of 100 m.. Stand at a finishing point and note down the time taken by your friends</p>	<p>Teaching will be on offline mode in which students will be made to understand every topic of the chapter. Methodology will include displaying the topics by video display on digital board and offline</p>	

<p>November</p>	<p>Chap 12 : Electricity and magnetism</p>	<p>Students will be able to understand the following topics</p> <ol style="list-style-type: none"> 1. Meaning of electric current. 2. Flow of electric current and its cause. 3. Electric components and circuit. 4. Cell and battery. 5. Heating effect of current and its applications 6. Magnetic effect of current and its applications. <p>The students will be able to understand the following topics</p> <ol style="list-style-type: none"> 1. Concept of light. 	<p>with the help of stopwatch. Now apply speed formula and calculate it.</p> <p>.....</p> <p>Burning of paper using convex lens</p>	<p>class lectures . Knowledge will be shared by discussing MCQ, organising quizzes etc. Hands on activities will increase interest among students.</p> <p>Teaching will be on offline mode in which students will be made to understand every topic of the chapter. Methodology will include displaying the topics by video display on digital board and offline class lectures . Knowledge will be shared by discussing MCQ, organising quizzes etc. Hands on activities will increase interest among students.</p> <p>Teaching will be on offline mode in which students will be made to understand every topic of the chapter. Methodology will include displaying the topics by video display on digital board and offline class lectures .</p>	
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	<p>Chap 13 : Light</p>	<p>2.properties of light 3. Reflection of light. 4. Plane mirror and image formation. 5. Spherical mirrors and image formation 6. Lenses and image formation.</p>	<p>which will make students understand the behavior of lens in presence of parallel light Rays.</p> <p>2. Obtaining the image of flame of candle on screen using convex lens in labs.Hence knowing the nature of image formed</p>	<p>Knowledge will be shared by discussing MCQ, organising quizzes etc. Hands on activities will increase interest among students</p> <p>Teaching will be on offline mode in which students will be made to understand every topic of the chapter. Methodology will include displaying the topics by video display on digital board and offline class lectures . Knowledge will be shared by discussing MCQ, organising quizzes etc. Hands on activities will increase interest among students</p>	
	<p>Chap 14 : Heat and temperature</p>	<p>The students will learn the following topics 1.Heat and its sources. 2. Effects of heat. 3. Thermal expansion 4. Temperature 5. Measurement of temperature.</p>	<p>To show the expansion of liquid by putting the water bottle in a water bath Requirements Bottle , drinking straw , tight fitting cork , colored ink , modeling clay , pin water bath.</p>	<p>Teaching will be on offline mode in which students will be made to understand every topic of the chapter. Methodology will include displaying the topics by video display on digital board and offline</p>	

<p>December</p>	<p>Chap 15 : Transfer of heat</p>	<p>The students will learn the following topics 1. Transfer of heat 2. Conduction 3. Convection 4. Radiation</p> <p>Students will be able to understand the following topics 1. Water resources</p>	<p>.....</p> <p>Make a list of industries where water is essentially used</p>	<p>class lectures . Knowledge will be shared by discussing MCQ, organising quizzes etc. Hands on activities will increase interest among students</p> <p>Teaching will be on offline mode in which students will be made to understand every topic of the chapter. Methodology will include displaying the topics by video display on digital board and offline class lectures . Knowledge will be shared by discussing MCQ, organising quizzes etc. Hands on activities will increase interest among students</p> <p>.....</p>	
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	<p>Chap 16 : Water</p>	<p>2. Water table and ground water 3. Water distribution 4. Need of water in industrial and agricultural purposes. 5. Water management 6. Scarcity and pollution of water.</p>	<p>as raw materials . Also write about how water is used in these industries</p>		
<p>January</p>	<p>Chap 17 : Forests</p>	<p>The students will learn the following topics 1.Forests in India 2. Uses of forest 3.Interdependence of plants and animals 4. Food chain 5 conservation of forests.</p>	<p>.....</p>		

	<p>Chap 18 : Wastewater management</p>	<p>The students will be able to understand the following topics</p> <ol style="list-style-type: none"> 1. Ways by which water is wasted and saved. 2. Dirty water and sludge 3. Sewage and its disposal 4. Diseases caused by dirty water 5. Water treatment plant. 6. Sanitation. 	<p>.....</p>		
		<p>Students will be able to understand the following topics</p> <ol style="list-style-type: none"> 1. Atmospheric pressure , 2. Behavior of Air at different temperatures. 	<p>Observing the Change of air pressure due to change in wind speed by blowing air between two balloons.</p>		

<p>February</p>	<p>Chap 19 : Wind and storms</p> <p>Preparation of session end exams</p>	<p>3. What causes winds. 4. Movement of air currents due to uneven heating of earth. 5. Thunderstorms and their hazards 6. Tornado and water cyclones and precautions to be taken during their occurring</p> <p>Revision of whole syllabus.</p>	<p>Things needed : 2 balloons of equal size , a stick , thread</p> <p>.....</p>		
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Book prescribed : Oxford New Enjoying Mathematics

Month	Topic	Objectives	Art Integration/ Experiential learning	Methodology of teaching /Art of teaching	Learning Outcome
April	Ch-1 Knowing our Numbers: Integers	Students will be able: 1.To revise the operations of addition and subtraction on integers. 2.To multiply and divide integers. 3.To solve word problems on integers including all operations.	To understand the multiplication and division of integers using colored sheets, colored pens, scissors, ruler, glue etc.	Activity Based Teaching Link of activity will be shared with students. https://youtu.be/oRvLwXfdi_u4	Students will be able to revise the operations of addition and subtraction on integers and multiply and divide integers. They will be able to solve word problems on integers including all operations
	Ch-2 Fractions	Students will be able: 1.To multiply and divide a fraction by a whole number, fraction or a mixed fraction. 2. To solve simple word problems involving multiplication and division of fractions.	Types of fractions using colored sheets, colored pens, scissors, ruler, glue etc.	Activity Based Teaching Link of activity will be shared with students. https://youtu.be/tq9LhGNe7b8	Students will be able to multiply and divide a fraction by a whole number, fraction or a mixed fraction. They will be able to solve simple word problems involving multiplication and division of fractions.
May	Ch-3 Decimals Weekly Test 1	Students will be able: 1.To multiply and divide decimal numbers by both whole numbers and decimal numbers. 2.To solve word problems using decimals.	To convert decimals into fractions using colored sheets, colored pens, scissors, ruler, glue etc.	Activity Based Teaching Link of activity will be shared with students. https://youtu.be/zi6X8-fk9DE	Students will be able to multiply and divide decimal numbers by both whole numbers and decimal numbers. They will be able to solve word problems using decimals.
July	Ch-17 Collecting and Organizing Data	Students will be able: 1.To calculate the measures of central tendency such as	To make art integrated project on data handling	Activity Based Teaching Activity: The given link will be shared	Students will be able to calculate the measures of central tendency such as mean, median and mode

	<p>Ch-18 Probability</p> <p>Ch-7 Simple Linear Equations</p>	<p>mean, median and mode from given data. Students will be able: 1.To define probability and explain sample space. 2. To calculate probability of simple events.</p> <p>Students will be able: 1.To define and explain sample space and calculate probability of simple events.</p> <p>Students will be able: 1. To state and explain the meaning of “the root of an equation” and verify the equations using their roots. 2. To solve equations to find their roots by balancing method and by transposing method and frame algebraic equations from the given statements and solve them.</p>	<p>using colored sheets, colored sketch pens, scissors, ruler, glue etc.</p> <p>To find the probability of simple event through an art integrated project using colored sheets, colored sketch pens etc.</p> <p>Solve linear equation in one variable with the help of an activity using paper cutting square, triangle, rectangle and small circles and arrange them according to the given linear equation.</p>	<p>during the activity class with the students. https://youtube.com/shorts/Qe0ejPUe-N4?feature=share</p> <p>Art Integrated Project on Probability YouTube link: https://youtu.be/xenHtReNXSc</p> <p>Activity Based Teaching Activity: The given link will be shared during the activity class with the students. https://youtu.be/ra3kQ8-WDpg</p>	<p>from given data.</p> <p>Students will be able to define probability and Explain sample space and calculate probability of simple events.</p> <p>Students will be able to state and explain the meaning of “the root of an equation” and verify the equations using their roots. They will be able to solve equations to find their roots by balancing method and by transposing method and frame algebraic equations from the given statements and solve them.</p>
August	<p>Weekly Test 2 Ch-10 Lines and Angles</p>	<p>Students will be able: 1. To define complementary angles, supplementary angles, adjacent angles, vertically opposite angles, alternate angles and corresponding angles.</p>	<p>Vertically opposite angle activity using colored sheets, ruler, glue, scissors and sketch pens. In this activity students will draw two intersecting</p>	<p>Activity Based Teaching Activity: Vertically opposite angles are equal. The given link will be shared during the activity class with the students. https://youtu.be/y76R71AE</p>	<p>Students will be able to define complementary angles, supplementary angles, adjacent angles, vertically opposite angles, alternate angles and corresponding angles. They will be able to state and explain the properties of angles formed by</p>

	<p>Ch-11 Properties of Triangles</p>	<p>2. To state and explain the properties of angles formed by parallel lines.</p> <p>Students will be able</p> <p>1.To define a triangle and verify the angle sum property and exterior angle property. 2. To state and verify the Pythagoras' theorem.</p> <p>Students will be able</p> <p>1.To define and explain exponents. 2. To state and apply the laws of exponents in given problems. 3. To express numbers using scientific notation.</p>	<p>lines on the sheet and take cutouts of all the four angles. After put opposite angles on the other one and they can find that vertically opposite angles are equal.</p> <p>Pythagoras Theorem activity using colored sheets, ruler, scissors and sketch pens. Students will draw right angle triangle and three squares with different sides. Put all figures together, they can prove Pythagoras Theorem.</p> <p>Laws of Exponents activity using A-4 sheet, colored sheets, glue, scissors, ruler and sketch pens. Students will cut three circles and write all the laws' names, rule and examples in three circles respectively. Put the three circles</p>	<p>Dkw</p> <p>Activity Based Teaching Activity:Pythagoras Theorem</p> <p>The given link will be shared during the activity class with the students. https://youtu.be/UJVGXblMtpg</p> <p>Activity Based Teaching Activity: Laws of Exponents</p> <p>The given link will be shared during the activity class with the students. https://youtu.be/yNROdWubx2Y</p>	<p>parallel lines.</p> <p>Students will be able</p> <p>1.To define a triangle and verify the angle sum property and exterior angle property. 2. To state and verify the Pythagoras' theorem.</p> <p>Students will be able to define and explain exponents. They will be able to state and apply the laws of exponents in given problems and express numbers using scientific notation.</p>
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			together and paste on A-4 sheet. Students can learn laws of exponents by doing this interesting activity.		
September	Term 1 Exam Ch-4 Rational Numbers	Students will be able 1.To Recall Fractions 2.To understand Rational numbers, Equivalent Rational numbers 3.To solve operations of addition, subtraction, multiplication and division of rational numbers 4.To apply in daily life situations 5.To represent rational numbers on number line 6. To compare rational numbers And arrange them in ascending or descending order 7.To represent Rational numbers as decimal numbers.	Rational Numbers Art integrated activity using colored sheets, colored pens, scissors, ruler, glue etc.	Activity Based Teaching Video link will be shared with the students. https://youtu.be/SqTSCVA0Rrs	Students will be able to recall Fractions, understand Rational numbers, Equivalent Rational numbers They will be able to solve operations of addition, subtraction, multiplication and division of rational numbers and apply in daily life situations. They will be able to represent rational numbers on number line and compare rational numbers And arrange them in ascending or descending order, represent Rational numbers as decimal numbers.
October	Ch-15 Congruence of Triangles	Students will be able: 1.To explain the meaning of congruence with	Warli Art activity of Congruence of triangles using	Activity Based Teaching Activity: The given link will be shared	Students will be able to explain the meaning of congruence with examples from the materials

	<p>Weekly Test 3</p> <p>Ch-8 Ratio and Proportion</p>	<p>examples from the materials around us. 2.To state and verify the three necessary conditions SSS, SAS, ASA of congruence of triangles.</p> <p>Students will be able: 1.To revise the concepts of ratio. 2. To apply the ratio concepts in simple word problems. 3. To state proportion as equivalence of two ratios and use this principle in solving many mathematical problems.</p>	<p>colored sheets, sketch pens, pencil, ruler and scissors.</p> <p>Ratio and Proportion activity using colored sheets, sketch pens, pencil, ruler and scissors.</p>	<p>during the activity class with the students. WarliArt Activity using congruent triangles YouTube link: https://youtu.be/31LfEjURU</p> <p>Activity Based Teaching Activity: The given link will be shared during the activity class with the students. https://youtu.be/1nXUDxIKQQM</p>	<p>around us. They will be able to state and verify the three necessary conditions SSS, SAS, ASA of congruence of triangles.</p> <p>Students will be able to revise the concepts of ratio. They will be able to apply the ratio concepts in simple word problems and state proportion as equivalence of two ratios and use this principle in solving many mathematical problems.</p>
<p>November</p>	<p>Ch-9 Percentage and Its Applications</p> <p>Ch-12 Symmetry</p>	<p>Students will be able: 1.To recall ratios 2.To understand percentages 3.To calculate percentage, convert into percentage, and calculate Simple Interest Profit, Loss 4.To apply in daily life situations</p> <p>Students will be able: 1.To recallsymmetrical figures 2.To recognize the lines of symmetry in different objects and locate the center of rotation and order of</p>	<p>Percentage art integrated activity using bar graph paper, colored pencils colored sketch pens, ruler etc.</p> <p>Symmetry art integrated activity using poster colors,</p>	<p>Activity Based, Teaching: YouTube link: https://youtu.be/NafiBGuHck0</p> <p>Activity Based Teaching https://youtu.be/6IHNsIDH7Qs</p>	<p>Students will be able: 1.To recall ratios 2.To understand percentages 3.To calculate percentage, convert into percentage, and calculate Simple Interest Profit, Loss 4.To apply in daily life situations</p> <p>Students will be able to recallsymmetrical figures and recognize the lines of symmetry in different objects and locate the center of rotation and order of symmetry. They will be able to makeown patterns and designs using any one of the three forms</p>

		<p>symmetry 4.To make own patterns and designs using any one of the three forms of symmetry or using the combination of the forms of symmetry</p>	<p>white sheet thick thread.</p>		<p>of symmetry or using the combination of the forms of symmetry</p>
<p>December</p>	<p>Ch-13 Representing 3-D in 2-D Weekly Test 4 Ch-14 Constructions</p>	<p>Students will be able: 1.To recognize the edges, face and vertices of solid shapes. 2.To construct 3-D solids after drawing their nets and cutting and folding them.</p> <p>Students will be able: 1.To construct a parallel line to a line from a given point outside. 2.To construct triangles when measures of one side and the two adjacent angles are known.</p> <p>Students will be able: 1.To calculate the</p>	<p>To make cube by paper folding with colored pastel sheets, ruler, pencil and scissors.</p> <p>Constructions of Triangles activity using colored sheets, sketch pens, pencil, ruler and scissors.</p>	<p>Activity Based Teaching Activity: The given link will be shared during the activity class with the students. https://youtu.be/337QxhfpY4w</p> <p>Activity Based Teaching Activity: The given link will be shared during the activity class with the students. https://youtu.be/4d6xN0Z55rI</p> <p>Activity Based Teaching Activity: The given link will be shared with the students.</p>	<p>Students will be able to recognize the edges, face and vertices of solid shapes. They were able to construct 3-D solids after drawing their nets and cutting and folding them.</p> <p>Students will be able to revise the concepts of ratio. They will be able to apply the ratio concepts in simple word problems and state proportion as equivalence of two ratios and use this principle in solving many mathematical problems.</p> <p>Students will be able to calculate the perimeter and area of different shaped figures. They will be able to find the area</p>

	Ch-16 Perimeter and Area	perimeter and area of different shaped figures. 2. To find the area between two concentric circles. 3. To calculate the area of combination of different shapes.	To find area of triangle using colored sheets, sketch pens, pencil, ruler and scissors.	https://youtu.be/xb2RRzITaY8	between two concentric circles and calculate the area of combination of different shapes
January	Ch-6 Algebraic Expressions	Students will be able: 1. To recall terms variables, constants and coefficients 2.To understand algebraic expressions 3.To add and subtract Algebraic expressions 4.To explore formula for different patterns	To understand the concept of addition and subtraction of algebraic expressions using colored triangles, circles cutouts, colored sketch pens, scissors, glue etc.	Activity Based Teaching YouTube link: https://youtu.be/zhOlqPJZIS5A	Students will be able to recall terms variables, constants and coefficients They will be able to understand algebraic expressions They will be able to add and subtract algebraic expressions and explore formula for different patterns
February	Revision of the syllabus of Term-2 Annual Exam	Students will be able to solve and justify the given problems.	Worksheet given to the students. Online Quiz.	Quiz, Worksheets etc.	Students will be able to solve and justify the given problems.

Syllabus

Weekly Test 1 – Ch- 1 and 2

Weekly Test 2– Ch- 3, 17 and 18

Half Yearly Exam– Ch-1,2,3,5,7,10,11,17 and 18

Weekly Test 3– Ch- 4 and 15

Weekly Test 4– Ch- 8, 9 and 12

Annual Exam – Ch-3,4,6,8,9,12,13,14,15 and 16



Annual Curriculum (2023-24)

GRADE - VII

SUBJECT- SST

Book prescribed :

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Annual Curriculum (2023-24)

GRADE - VII

SUBJECT- SST

Book prescribed : MY WONDERFUL BOOK OF SOCIAL SCIENCE (CORDOVA PUBLICATIONS)

Month	Topic	Objectives	Art Integration/ Experiential learning	Methodology of teaching /Art of teaching	Learning Outcome
April	History- Ch 1 Medieval India?	<p>1. To understand the chronology of medieval period.</p> <p>2. To discover the social and political changes occurred during the medieval period.</p> <p>3. To identify the literary and archeological sources of medieval period eg Inscriptions, monuments, paintings, coins, autobiographies, Chronicles and Travelogues.</p>		<p>The chapter will be introduced by explaining the chronology of medieval period, Students will be explained the social and political changes occurred during the medieval period. Students will list the literary and archeological resources of medieval period.</p>	<p>Students will be able to understand the chronology of medieval period and to discover the social and political changes occurred during the medieval period.</p> <p>Students will be able to identify the literary and archeological sources of medieval period eg. Inscriptions, monuments, paintings, coins, autobiographies, Chronicles and Travelogues.</p>
	Geography Ch 1– Our Environment	<p>To understand the component of the environment –The Physical environment and biological environment.</p> <p>To identify the various spheres of environment eg Lithosphere, Hydrosphere, Atmosphere and Biospheres.</p> <p>To demonstrate the components of the environment.</p> <p>To summarize the ecosystem and food chain</p>		<p>The chapter will be introduced by explaining the environment and the component of environment. Students will be explained about various spheres of the environment eg Lithosphere, Hydrosphere, Atmosphere and Biosphere, Students will draw the flow chart of environment. The ecosystem and food chain will also be summarized.</p> <p>Students will be explained</p>	<p>Students will be able to understand the component of the environment –The Physical environment and biological environment.</p> <p>To identify the various spheres of environment eg Lithosphere, Hydrosphere, Atmosphere and Biospheres. Students will be able to demonstrate the components of the environment and to summarize ecosystem and food chain.</p> <p>Students will be able to understand the meaning of equality and universal adult franchise.</p> <p>To identify the types of in equality exists in the society.</p>

	<p>Civics Ch -1 Equality in Indian Democracy?</p>	<p>To understand the meaning of equality and universal adult franchise. To identify the types of in equality exists in the society.</p> <p>To assess the equality in Indian Democracy and challenges of democracy.</p> <p>To compare issues of equality in other democracies.</p>		<p>the meaning of equality and universal adult franchise. student will be explained about the types of inequality still existing in the society.</p> <p>Student will assess the challenges of democracy.</p>	<p>Students will be able to assess the equality in Indian Democracy and challenges of democracy. To compare issues of equality in other democracies Students will be able to understand the meaning of equality and universal adult franchise. To identify the types of in equality exists in the society. Students will be able to assess the equality in Indian Democracy and challenges of democracy. To compare issues of equality in other democracies</p>
<p>May</p>	<p>History- Ch 2 Rise of New Kingdoms</p>	<p>1. To understand the chronology of medieval period. 2. To discover the social and political changes occurred during the medieval period. 3. To identify the literary and archeological sources of medieval period eg Inscriptions, monuments, paintings,</p>		<p>The chapter will be introduced by explaining the chronology of medieval period, Students will be explained the social and political changes occurred during the medieval period. Students will list the literary and archeological resources of medieval period.</p>	<p>Students will be able to understand the chronology of medieval period and to discover the social and political changes occurred during the medieval period. Students will be able to identify the literary and archeological sources of medieval period eg. Inscriptions, monuments, paintings, coins, autobiographies, Chronicles and</p>

		coins, autobiographies, Chronicles and Travelogues.			Travelogues.
July	<p>Civics- Chapter -3 State Government</p> <p>Geography Ch- 2 The Structure of the Earth</p>	<p>To explain the working of State Government</p> <p>To identify the different posts and powers of State Government.</p> <p>To summarize Coalition Government.</p> <p>To demonstrate state legislature and state executives.</p> <p>To understand interior of the earth</p> <p>To summarize internal structure of earth- crust, mantle and core.</p> <p>To identify various types of rocks</p> <p>To demonstrate rock cycle, inner structure of the earth and classification of the igneous rocks.</p>	<p>Experiential Learning Activity Choose any one state government department in which you would like to work and why?</p> <ol style="list-style-type: none"> 1. Public works department 2. School Education 3. Sports 4. Traffic Police. <p>Mention any one change also you want to bring in present scenario in the society.</p> <p>Art Integration Project</p> <p>Type of Architecture implemented in the monuments made by Various Delhi Sultans along with the tenure and writeup</p>	<p>Students will be explained the working of State Government.</p> <p>Students will be identifying different posts such as Chief Minister, Governor & MLA</p> <p>Students will discuss about coalition government which is made of more than two political parties.</p> <p>Students will demonstrate state legislature and state executives through flow chart</p> <p>Students will be explained the interior of the earth. Students will summarize internal structure of earth- crust, mantle and core. Students will discover various types of rocks – igneous, sedimentary and metamorphic rocks Students will demonstrate rock cycle, inner structure of the earth and classification of the igneous rocks through labeled diagram.</p>	<p>Students will be able to explain the working of Legislature</p> <p>Students will be able to identify the different posts and powers of State Government.</p> <p>Students will be able to summarize Coalition Government. Students will be able. To demonstrate state legislature and state executives.</p> <p>Students will be able to understand interior of the earth Students will be able to summarize internal structure of earth- crust, mantle and core. Students will be able to identify various types of rocks</p> <p>Students will be able to demonstrate rock cycle</p> <p>Students will be able to</p>

	<p>History Ch-3 The Delhi Sultanate (AD (1206 -1526)</p>	<p>To understand the ruling of Sultanate period on Delhi.</p> <p>To discover the sources of Sultanate period.</p> <p>To explore various dynasties from 1206-1526.</p> <p>To compare AllauddinKhalji and Mohd. Bin Tughlaq</p>		<p>Students will be explained the ruling various dynasties on Delhi</p> <p>Students will identify the sources of Sultanate period eg; coins, inscription, architecture etc.</p>	<p>understand the ruling of Sultanate period on Delhi.</p> <p>Students will be able to discover the sources of Sultanate period.</p> <p>Students will be to explore various dynasties from 1206-1526.</p> <p>Students will be to compare AllaudinKhalji and Mohd. Bin Tughlaq</p>
<p>August</p>	<p>Geography 3 our changing Earth</p> <p>Geography- Chapter-5</p>	<p>To explain Importance of The Continental Drift Theory.</p> <p>To demonstrate the different kind of volcanoes.</p> <p>To Identify Different kinds of Earthquake</p> <p>To explain the importance and composition of the</p>		<p>Students Will explained The importance of The continental Drifting theory.</p> <p>Students will able to draw the components of the Volcanoes.</p> <p>Students will discover the different kinds of Earthquake Waves.</p> <p>Students will explain the importance and composition of the atmosphere.</p> <p>Students will draw different layers of atmosphere, Ionosphere, Stratosphere, troposphere etc</p> <p>Students will discover the</p>	

	<p>Air -composition and structure</p> <p>History Ch-4 The Mughal Empire</p>	<p>atmosphere To demonstrate different layers of atmosphere. To summarize the wind system To identify the various types of winds. To compare Evaporation and condensation</p> <p>To explore who were Mughals? To list up the rulers of Mughal dynasty from 1526 to 1707. To summarize the relations of Mughals with Rajput, Sikhs and Marathas To describe the administration of Mughal dynasty To demonstrate Mughal Dynasty</p>		<p>various types of winds .eg Permanent winds, Seasonal winds Local winds, Periodic Winds etc.</p> <p>Students will differentiate in Evaporation and Condensation</p> <p>Students will discover about Mughals, Students will make a list of rulers of the Mughal Dynasty from 1526 to 1707 according to their chronology. Students will summarize the relations of Mughals with Rajput's, Sikhs and Marathas Students will explain the administration and policies of Mughal Dynasty, Student will demonstrate the Mughal Dynasty on Indian physical map.</p>	
<p>September</p>	<p>History Chapter 7 –Town Traders and Craftsman</p>	<p>To discuss Court towns. Temple Towns, Pilgrimage centers and Trading town</p> <p>To identify the importance of trading centers. To illustrate temples and important buildings</p>		<p>Students will explain the importance of court towns, Temples, Pilgrimage centers and Trading towns during medieval period</p> <p>Students will describe the important trading center egSurat, Hampi and Mausalipattam</p>	<p>,Students will be able to discuss Court towns, Temple Towns, Pilgrimage centers and Trading town</p> <p>Students will be able to identify the importance of trading centers.</p> <p>Students will be able to illustrate temples and important buildings</p>

	Revision for Mid Term Exam	To memorize the prescribed syllabus for midterm exam.		Students will illustrate temples and important buildings in scrapbook. Written and oral test will be taken along with Map Practice.	Students will be able to Memorize the syllabus for Mid Term Exams.
October	Civics- Chapter -4 Gender Issues Geography- Chapter-6 Weather and Climate	To understand the stereotype for male and female To discuss the opportunity and rigid expectation for women To assess the struggle of women for equality To explain the local weather and climate To summarize temperature, pressure and humidity. To identify the various types of instruments to measure rainfall, air pressure, wind speed, humidity in air, and air pressure.	Experiential Learning Role play of women who has distinguished the society any specify field,	Students will explain the mindset of society for gender inequality. .Students will summarize the fewer opportunity given and rigid expectation for women Students will examine the struggle of women for equality Students will explained about weather and climate and their difference. Students will able to summarize temperature, pressure and humidity. Students will discover the various types of instruments to measure rainfall, air pressure, wind speed,	Students will explain the mindset of society for gender inequality. .Students will summarize the fewer opportunity given and rigid expectation for women Students will examine the struggle of women for equality Students will be able to explain about weather and climate and their difference. Students will be able to summarize. temperature, pressure and humidity. Students will be able to identify the various types of instruments to measure rainfall, air pressure, wind speed, humidity in air, and

	<p>Civics Chapter 6</p> <p>Understanding The Role of Media in Democracy</p>	<p>To understand the meaning of Advertisement.</p> <p>To list various brands' names.</p> <p>To analyze the crucial role of advertisement in the society as mass communication.</p> <p>To discover advertisement of their own product. To assess the role of advertising in democracy.</p>	<p>Experiential Learning – Students will design their own product and depict role play to advertise their product</p>	<p>humidity in air, and air pressure</p> <p>The chapter will be introduced by showing few advertisements and importance of advertisement will be explained.</p> <p>Students will be asked to list various brand names. Students will be asked to prepare advertisement of their own product.</p> <p>Students will prepare a report on stereotypes of advertisement.</p>	<p>air pressure</p> <p>The Students will be able to understand the meaning of Advertisement.</p> <p>Students will be able to list up various brands. Students will be able to analyze the role of advertisement in the society as mass communication.</p> <p>Students will be able to discover advertisement of their own product. Students will be able to assess the role of advertising in democracy</p>
<p>November</p>	<p>Geography Ch- 8 Natural Vegetation and Wild life</p>	<p>To understand the meaning of Natural Vegetation</p> <p>To identify various types of forests and grasslands.</p> <p>To demonstrate major types of natural vegetation</p>	<p>Experiential Learning- Student will recite the Doha, Shlokas, Bhajans and Sufi songs written by the saints of Bhakti Movement. And find out in your city in</p>	<p>Students will be explained the meaning of natural vegetation Students will discover various types of forests eg evergreen, Temperate, coniferous, and various grasslands eg Tropical and Temperate grasslands</p>	

	<p>History Chapter -8 Devotional Paths and religious movements.</p>	<p>To explain the Bhakti Movement in Medieval period</p> <p>To identify Alvars and Nayanars To summarize Sufi Philosophy</p> <p>To list up the teachings of various great saints of Bhakti movement and Sufism.</p>	<p>neighborhood there are any temples Dargah, or Gurudwara associated with Bhakti or Sufi saints. Visit them and describe what you see and hear.</p>	<p>Students will demonstrate major types of natural vegetation on world map and India Physical Map</p> <p>Students will be explained the meaning of Bhakti Movement in Medieval period Students will identify Alvars and Nayanars i.e. followers of Lord Vishnu and Lord Shiva respectively. Students will discuss about Sufi Philosophy and its principles. Students will recognize the teachings of various great saints of Bhakti movement and Sufism</p>	
December	<p>Geography Chapter-9 Human Environment – Settlement, Communication and Transport</p> <p>Geography Ch- 10- Life in the Tropical and</p>	<p>To discuss development of settlement.</p> <p>To identify classification of settlement.</p> <p>To summarize Urban Settlement and its patterns</p> <p>To understand life in Tropical and Sub Tropical regions</p>		<p>Students will explain the importance of development of settlements Students will differentiate Rural and Urban Settlement. Students will compare Urban and rural development and explained Urban settlements and its pattern,</p> <p>Students will be explained the life in Tropical and Sub Tropical regions Students will be summarized life in Amazon basin and its features – climate, natural vegetation, wildlife, people.</p>	<p>Students will be able to discuss development of settlement. Students will be able to identify classification of settlement. Students will be able to summarize Urban Settlement and its patterns</p> <p>Students will be able to understand life in Tropical and Sub Tropical regions Students will be able to summarize life in Amazon basin</p>

	Subtropical Regions.	<p>To summarize life in Amazon basin</p> <p>To describe life in Ganga Brahmaputra Basin</p> <p>To demonstrate Amazon rain forest on world map and Ganga Brahmaputra basin on map of India</p>		<p>Students will discuss the life in Ganga Brahmaputra basin</p> <p>Students will locate Amazon rain forest on world map and Ganga Brahmaputra basin on map of India</p>	<p>Students will be able to describe life in Ganga, Brahmaputra Basin</p> <p>Students will be able to demonstrate Amazon rain forest on world map and Ganga Brahmaputra basin on map of India</p>
January	<p>Civics Ch-8 Market around us</p> <p>History Ch 10 Political Formations during the 18th Century</p>	<p>To understand the Markets and our daily Needs.</p> <p>To identify the different types of Market.</p> <p>To discover chain of the market</p> <p>To describe the factors which affect people's access to the market.</p> <p>To understand the crisis of the empire and later Mughals.</p> <p>To summarize the old Mughal province, Hyderabad, Awadh and Bengal</p> <p>To describe case study of Marathas</p> <p>To demonstrate kingdoms of Asafjah, Saadat Khan and MurshidQuli Khan on</p>		<p>Students will be introduced the need of the market.</p> <p>Students will discuss the different type of markets</p> <p>Students will explore chain of the market eg retail market, wholesale market etc.Students will discuss the factors which affect people's access to the market.</p> <p>Students will be explained the crisis of the empire and later Mughals.</p> <p>Students will be summarized about the old Mughal province, Hyderabad, Awadh and Bengal.</p> <p>Students will describe case study of Marathas.</p> <p>Students will demonstrate kingdoms of Asafjah, Saadat Khan and MurshidQuli Khan on map of India.</p>	<p>The Students will be able to understand the need of the market.</p> <p>Students will be able to analyze different type of marketsStudents will be able to discover the market eg retail market, wholesale market etc.Students will be able to demonstrate the factors which affect people's access to the market.</p> <p>Students will be able to understand the crisis of the empire and later Mughals.</p> <p>Students will be able to summarize the old Mughal province -Hyderabad, Awadh and Bengal.</p> <p>Students will be able to describe case study of Marathas.</p> <p>Students will be able to demonstrate kingdoms of Asafjah, Saadat Khan and MurshidQuli Khan on map of India</p>

		map of India			
February	Revision for Annual Assessment	To revise concepts done in the class To evaluate and to assess their Knowledge.	Map Work	. Through class test and concept-based worksheet, Map and exercise practice. Viva will be taken to assess student's knowledge.	Students will be able to revise concepts done in the class. Map Practice will be carried on in the class.



Annual Curriculum (2023-24)
GRADE - VII
SUBJECT- GK

Book prescribed:

Month	Topic	Objectives	Art Integration/ Experiential learning	Methodology of teaching /Art of teaching	Learning Outcome
April	Amazing India	To make students aware about the	Make a collage of tourist places of India	Discussion Method with digital support	Students will learn about the different things of India

		history of India			
May	The world & its people	To make students aware about the world	Write about different personalities who won Nobel price	Explanation with the help of digital support	Students will learn about different nationalities of the world
July	Plants & Animals	To make students aware about the flora and fauna found on the earth	Write about endangered animals and plants	Topic would be discussed using web support	Students will learn about unique plants and animals of the world
August	Nature & Science	To make students aware about the different scientists, their inventions & discoveries	Write about different scientists and their discoveries	Topic will be discussed and explained using web support	Students will learn about different inventions & inventors
September	Space & Universe	To make students aware about the universe		Discussion Method with digital support	Students will learn about the universe
October	Entertainment	To make students aware about different famous personalities	Write about famous paintings from the world	Topic will be discussed and explained using web support	Students will learn about the timeless art& classical music of india
November	Sports	To make students aware about different sports played around the world	Write about the firsts in sports& make poster on yoga	Discussion Method with digital support	Students will learn about athletics, cricketers & commonwealth Games
December	Language & Literature	To make students aware about the different languages spoken	Write about spiritual gurus and their famous writings	Topic will be discussed and explained using web support	Students will learn about poets and writers of the world
January	Life Skills	Moral value skills		Topic will be discussed and explained using web support	Students will learn about moral values
February	Revision			Discussion Method with digital support	Students will revise



Annual Curriculum (2023-24)

GRADE - VII

SUBJECT- COMPUTER

Book prescribed : Intellicode Edusoft

Month	Topic	Objectives	Art Integration/ Experiential learning	Methodology of teaching /Art of teaching	Learning Outcome
April	Chapter -1 Introduction To AI	To Know About AI & its applications.	Do activity given on Pg no:16	In Computer Lab	Students will be able to know about the concept Of AI.

May July	Chapter-2 Problem Solving with Algorithms and Flowcharts.	To know about the concept of algorithms and flow chart to make programs.	Do activity given on page 20. And 27.	In Computer Lab	Students will be able to write algorithms and draw the flow chart of a problem.
August	Chapter-3 Can Computer See Images .	To Know about how computer Understands images .	Do activity given on page 31	In Computer Lab	Students will be able to understand about the concept of Computer Vision and its applications
September	Exams & Revision				
October	Chapter -4 Basics Of App development	TO know about basics of App development using MIT Inventor	Do Activity given on Page 55.	In Computer Lab	Students will be able to know about the app development and its types of app.
November	Chapter-5 AI And Human Language	To Learn About NLP	Do activity given on page 67	In Computer Lab	Students will be able to know about NLP and digital Assistants.
December- January	Chapter-6 Python Nuts and Bolts	To know about Python and its Features.	Do activity given on Page 73	In Computer Lab	Students will be able to Program using Python.
February	Exams & Revision				

Annual Curriculum (2023-24)

GRADE - VII

SUBJECT- ART

Book Prescribed: Art PLus

Month	Topic	Objectives	Art Integration/ Experiential learning	Methodology of teaching /Art of teaching	Learning Outcome
April	Elements and Principles of Art	To introduce with the basic elements and Principles of Art	Sketching and Color application	Demonstration through the sketches on the board	Students will be able to develop their curiosity and creative abilities.
May	Still Life Composition	To develop the observation and creative abilities	Sketching and Color application	Demonstration through the relevant sketches on the board.	Students will be able to improvise their creative and aesthetic sensibility.
July	Natural Forms, Birds and Animals Study	To share the technical tips about natural forms drawing.	Sketching and Color application	Demonstration through the relevant sketches on the board.	Students will be able to develop their sketching and Creative Skills.
August	Human head study and Anatomy	To introduce proportionally with human head and anatomy	Sketching and Color application	Demonstration through the relevant sketches on the board.	Students will be able to improvise their aesthetic sensibility and Sketching skills.
September	Fun and Fiction, Story Illustration	To develop the knowledge about cartoonic drawings	Sketching and Color application	Demonstration through the relevant sketches on the board.	Students will be able to develop their sketching skills.
October	Creative Craft	To introduce with the different types of Craft activities	Through demonstration	Demonstration through step by step with relevant materials.	Students will be able to improvise their creative skills.
November	Design and Décor	To develop the observation and creative abilities	Sketching and Color application	Demonstration through the relevant sketches on the board.	Students will be able to develop their sketching skills.
December	Exploring Art	To develop the interest in different types of art.	Sketching and Color application	Demonstration through the relevant sketches on the board.	Students will be able to improvise their creative approach.
January	Art Heritage and Paper Craft activity	To introduce with Madhubani and Varliart and paper craft activity	Through demonstration	Demonstration through step by step with relevant materials	Students will be able to improvise their creative abilities and skills.
February	Creative Craft	To introduce with the different types of Craft activities	Through demonstration	Demonstration through step by step with relevant materials	Students will be able to improvise their creative abilities.

