

**Anekant English Medium School, Baramati****Syllabus Split 2025-26****Month: June****Grade: X**

Sr. No.	Subject	Topic/ Chapter / Lesson	Learning Objectives	Learning Outcomes	Life skills
1	English	Beehive 1. The Sound Of Music	To enable the students : i)To get inspiration from real life experiences of a differently abled person. ii)To analyze the contrasting life experiences of Evelyn Glennie and Ustad Bismillah Khan. iii) To develop an appreciation for different musical styles and traditions.	i)The students will develop sensitivity towards differently abled people and help them whenever needed. ii)Students will identify and summarize the key events and challenges faced by Evelyn Glennie and Ustad Bismillah Khan. iii) The Students will understand the message conveyed through lesson that hard work and firm determination is the key to success.	i)Empathy ii)Critical Thinking iii)Communication

		Poem 1. The Road Not Taken	To enable the students - i)To understand that the decisions taken by people shape their lives. ii)Describe the dilemma of the poet and the poetic devices used in the poem. *To extract the meaning and message of the poem through utilization of symbolism. iv)Negotiate their own learning goals and evaluate their own progress, edit, revise, and review their own work. v)Develop confidence in spoken skills.	i)The students will think from all perspectives(pros and cons) before taking any decision. ii)Students will identify the poetic devices used in the poem. iii)Students will summarize the poem in their own words. iv)Students will share their experience when they were in dilemma while taking any decision.	i)Decision Making, ii)Critical Thinking iii)Communication
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<p><u>* Grammar</u></p> <p>Modals</p>	<p>i)To enable the students to recognize modal verbs in sentences and distinguish them from other verbs.</p> <p>ii)To understand the concept of modality and how modals express the speaker's attitude or judgment about an action or event.</p> <p>iii)To enable them to distinguish between the different meanings and uses of common modal verbs (can, could, may, might, must, should, would, will, shall).</p>	<p>i)Students will identify and list modal verbs in a given passage.</p> <p>ii)Students will correctly distinguish between the various meanings and uses of common modal verbs in different contexts.</p> <p>iii)Students can demonstrate their understanding of modals by constructing grammatically correct sentences that express specific modalities.</p>	<p>i)Communication</p> <p>ii) Critical thinking</p>
<p>Story writing</p>	<p>i)To enable the students to learn techniques to create a compelling plot, develop well-rounded characters, and build a vivid setting.</p> <p>ii) To write effective</p>	<p>i)Students will apply different plot structures and techniques to create engaging narratives and develop characters with distinct personalities, motivations, and backstories.</p>	<p>i)Problem solving</p> <p>ii) Critical thinking</p>

			<p>dialogues that reveals character personalities and advances the plot.</p> <p>iii) To enable them to apply proper grammar, punctuation, and sentence structure to enhance the story's clarity and flow.</p>	<p>ii) Students will use dialogues effectively to create tension, establish relationships, and move the story forward.</p> <p>iii) Students will apply proper grammar, punctuation, and sentence structure to their writing.</p>	
2	Marathi	<p><u>घटक</u> – गद्य</p> <p><u>उपघटक</u> – शाल</p>	* वद्यार्थ्यांना पाठाचा आशय समजावून देणे.	वद्यार्थी व वध सार्वजनिक कार्यक्रमात सहभागी होतो.	भावनांचे समायोजन
		<p><u>घटक</u> – गद्य</p> <p><u>उपघटक</u> – उपास</p>	* विद्यार्थ्यांना सुस्पष्ट आणि अर्थपूर्ण वाचन करता येणे.	विद्यार्थी 'उपास' या शीर्षकाशी संबंधित कथांचे वाचन करतो.	<p>*तणाव व्यवस्थापन</p> <p>*समस्या निराकरण</p>
		<p><u>घटक</u> – व्याकरण</p> <p><u>उपघटक</u> – शब्दांच्या अविकारी जाती</p> <p>१) क्रियाविशेषण</p> <p>२) शब्दयोगी</p> <p>३) उभयान्वयी</p> <p>४) केवलप्रयोगी</p>	विद्यार्थ्यांना अविकारी शब्दांची माहिती करून देणे.	विद्यार्थी अविकारी शब्दांचा वापर करून लघुकथा तयार करतो .	<p>*सर्जनशील विचार</p> <p>*स्व – जाणीव</p>

		लेखन –निबंधलेखन १) आत्मवृत्त २) कल्पनात्मक	विद्यार्थ्याना निबंध प्रकारांची माहिती करून देणे .नियम समजावून सांगणे .	विद्यार्थी आपण स्वतः शेतकरी आहोत असे समजून आत्मवृत्त लिहितो .	*सर्जनशील विचार
3	Hindi	स्पर्श -बड़े भाई साहब	*प्राचीन तथा नवीन शिक्षा प्रणाली की तुलनात्मक जानकारी देना *खेल और शिक्षा में समन्वय सिखाना *अपने से बड़े भाई-बहनों का सम्मान करने के लिए प्रेरित कराना	*प्राचीन तथा नवीन शिक्षा प्रणाली की तुलनात्मक जानकारी समझकर उनमें अंतर जानेंगे *खेल और शिक्षा में समन्वय समझकर समतोल रखेंगे *अपने से बड़े भाई-बहनों का सम्मान करेंगे	*अनुकूलशिलता *जटिल समस्याओं के नवीन समाधान सोचने की क्षमता का विकास *भावना का विकास *समानुभूति
		कबीर की साखी	*मीठी वाणी के प्रयोग की आवश्यकता *सच्ची भक्ति,अहंकार का नाश इन चीजों की आवश्यकता समझाना *जीवन का सही अर्थ उदाहरणों,अनुभवों के आधार से समझाना *निंदक के साथ प्रेम का व्यवहार	*मीठी वाणी के प्रयोग की आवश्यकता जानकर उसका व्यवहार में प्रयोग *सच्ची भक्ति,अहंकार का नाश इन चीजों की आवश्यकता जानकर उनपर अमल करना *जीवन का सही अर्थ उदाहरणों,अनुभवों के आधार से जानना *निंदक के साथ प्रेम का व्यवहार कर अपने काम में आसानी लाना	*जटिल समस्याओं के नवीन समाधान सोचने की क्षमता का विकास *समानुभूति *आत्म जागरूकता *स्व जागृति

	संचयन –हरिहर काका	*ग्रामीण जीवन में व्याप्त जीवन की जटिलता और सामाजिक संवेदनहीनता से अवगत कराना	*ग्रामीण जीवन में व्याप्त जीवन की जटिलता और सामाजिक संवेदनहीनता से अवगत कराना	*ग्रामीण जीवन में व्याप्त जीवन की जटिलता और सामाजिक संवेदनहीनता से अवगत कराना भावनात्मक परिपक्वता* संवाद कौशल*
	व्याकरण –मुहावरे,कहावतें	*मुहावरों और कहावतों के बीच का अंतर समझाना *मुहावरों तथा कहावतों का सृजनात्मक लेखन में प्रयोग सिखाना	*मुहावरों और कहावतों के बीच का अंतर समझकर उनका अर्थ समझेंगे *मुहावरों तथा कहावतों का सृजनात्मक लेखन में प्रयोग कर प्रभावी सृजनात्मक लेखन करेंगे *अपने संवादों में उनका प्रयोग करेंगे	*ज्ञानार्जन प्रवृत्ति *संभाषण कौशल *रचनात्मक सोच
	रचनात्मक लेखन – अनुच्छेद लेखन	*अनुच्छेद लेखन के नियम समझाना *दिए गए विषय पर पत्र लेखन तथा अनुच्छेद लेखन कराना	*अपने अनुभवों तथा शब्द संग्रह का प्रयोग कर अनुच्छेद लेखन करेंगे	*ज्ञानार्जन प्रवृत्ति *संभाषण कौशल *रचनात्मक सोच

4	Sanskrit	<p>1) शुचिपर्यावरणम्</p> <p>*संस्कृत पद्य को समझकर अनुवाद करने की क्षमता का विकास करवाना।</p> <p>छात्रों के मन में नैतिक मूल्यों को * स्थापित करना।</p> <p>* संस्कृत श्लोकों को उचित लय के साथ सुनाना।</p> <p>* ध्यानपूर्वक सुनने की क्षमता का विकास करवाना।</p> <p>* संस्कृत के नवीन शब्दों व उनके अर्थ से परिचय कराना।</p> <p>* शुद्ध वाचन का अभ्यास कराना।</p> <p>* संस्कृत श्लोकों के गायन का अभ्यास कराना।</p> <p>* श्लोकों में निहित भावार्थ को समझने में सक्षम बनाना।</p>	<p>छात्र *संस्कृत पद्य को समझकर अपने शब्दों में अर्थ बताएगा।</p> <p>छात्र पर्यावरण के महत्त्व को * समझकर प्रदूषण को कम करने का प्रयत्न करेगा।</p> <p>* प्रसंगानुसार सुभाषित श्लोकों का प्रयोग करेगा।</p>	<p>* संभाषण कौशल</p> <p>सहयोगपूर्ण भावना *</p>
	<p>*व्याकरणम्</p> <p>१) समासः - द्वन्द्वः</p>	<p>* अलग अलग पदों को एक बनाना।</p> <p>* पदों का विग्रह और समस्त पद बनाने में सक्षम कराना।</p>	<p>* सामासिक पदों का वाक्य में प्रयोग कर सकेंगे।</p>	<p>* संभाषण कौशल</p>
	<p>२) शब्दरूपाणि - बालक, बालिका, पुष्पम्</p>	<p>* शब्दरूपों का उच्चारण तथा वाक्यप्रयोग बताना।</p>	<p>* शब्दरूपों का लिङ्गानुसार विभक्ति और वचन का प्रयोग करके वाक्य बना</p>	<p>* संभाषण कौशल</p>

			* वचनानुसार शब्दों का प्रयोग करना बतान	सकेंगे।	
		३) प्रत्यय: - मतुप्	* प्रकृति और प्रत्यय अलग करने और प्रकृति और प्रत्यय को एक करने की योग्यता प्राप्त करवाना।	* प्रत्ययों का वाक्य में प्रयोग कर सकेंगे।	* संभाषण कौशल
		* रचनात्मक कार्यम् १) चित्रवर्णनम्	* शब्दों की सहायता से वाक्य बनाने में समर्थ बनाना। * चित्र को देखकर चित्रवर्णन करने की योग्यता प्राप्त करवाना।	* चित्र देखकर उचित शब्दों का प्रयोग करके वर्णन कर सकेंगे।	* रचनात्मक सोच
5	Mathematics	7.Co-ordinate Geometry	To enable the students to - ★ To locate ordered pair (x,y) in two dimensional Cartesian coordinate system ★ Calculate the distance between two points in a plane. ★ Calculate the coordinates of a point which divides the line segment joining the two points internally	Students will able to recall- ★ Cartesian plane to tell coordinates of place where they live. ★ Coordinate geometry use in controlling air traffic . ★ Real time position of airplanes can be known by pilots /controllers . ★ Google map also calculate distance between two places on map using distance	★ Critical thinking ★ Communication skill ★ Problem Solving ★ Decision making

			<p>in the ratio $m:n$ by using section formula .</p> <ul style="list-style-type: none"> ★ Find the coordinates of a mid -point of a line segment using mid -point formula. ★ Find the area of triangle when coordinates of the vertices are given. 	<p>formula by using coordinates.</p> <ul style="list-style-type: none"> ★ To find out coordinates of mid point of a line segment using mid point theorem. ★ Apply and derive distance formula in order to in order to section formula in order to determine the distance between two coordinates on the graph. ★ To find the area of triangle when coordinates of the vertices are given. ★ Apply and derive Section formula in order to divide the line segment in a given ratio. 	
6	Social Science	Civics Federalism	<p>To enable the students to –</p> <ul style="list-style-type: none"> ★ Will able to enhance their knowledge to 	<p>*Students will-</p> <ul style="list-style-type: none"> * Infer and appreciate how federalism is being 	<ul style="list-style-type: none"> ★ Communication skills.

			<p>explore about the other federal political countries all over the world.</p> <ul style="list-style-type: none">★ understand the independent powers of the level of the government.★ know that the Indian Union is based on the principles of federalism.★ Comparative analysis of creation of the states in India based on languages.★ Students will Appreciate the spirit of federalism, respect for diversity and desire for living together became shared ideals in our country.	<p>practiced in India.</p> <ul style="list-style-type: none">★ Analyse and infer how the policies and politics that has strengthens federalism in practice.	<ul style="list-style-type: none">★ Self -awareness★ Critical thinking
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			<ul style="list-style-type: none"> ★ Will appreciate that how formation of linguistic states has made the country, more united. ★ Will learn the importance of power third tier of government. ★ Will be able to understand that people have better knowledge of problems their localities 		
		Geography 2. Forest and Wild life	<ul style="list-style-type: none"> ★ familiarize the bio diversity existence in India. ★ understand the categories of species ★ Students will be able: • To analyze the factors responsible for depletion of forest and wildlife ★ To understand the effects of depletion of 	<ul style="list-style-type: none"> ★ Students will- ★ Examines phenomena, events and their occurrence in order to explain cause and effect relationship between them ★ Examine the importance of conserving forests 	<ul style="list-style-type: none"> ★ Communication Skills ★ Empathy ★ Problem Solving

			<p>forest resources.</p> <ul style="list-style-type: none"> ★ Students will be able: • To familiarize with Wildlife Protection Acts. • To * *understand the establishment of reserves. • To understand the types of distribution of forest and wildlife resources. ★ To understand and recognize as the forests are also home to many traditional communities. • To understand the joint forest management programmes of state governments. 	<p>and wildlife and their interdependency in maintaining the ecology for the sustainable development of India.</p>	
		<p>History 1.The Rise of Nationalism in Europe</p>	<p>To enable the students to –</p> <ul style="list-style-type: none"> ★ Analyses important phases in world history and draws insight to understand the present - day world. ★ Understands the idea of a 	<p>Students will –</p> <ul style="list-style-type: none"> ★ Infer how the French Revolution had an impact on the European countries in the making of nation state. ★ Comprehend the 	<ul style="list-style-type: none"> ★ Communication skill ★ Critical thinking ★ Creative thinking

			<p>nation and the emergence of the modern Indian Nation.</p> <ul style="list-style-type: none"> ★ Discuss the relationship / difference between European nationalism. and anti-colonial nationalisms ★ Acquire abstract idea of the female figure become an allegory of the nation. 	<p>nature of the diverse social movements of the time.</p> <ul style="list-style-type: none"> ★ Analyse and infer the evolution of the idea of nationalism which led to the formation of nation states in Europe and elsewhere. ★ Evaluate the reasons which led to the First World War. 	
		<p>Economics</p> <p>1. Development</p>	<p>To enable the students to –</p> <ul style="list-style-type: none"> ★ Familiarization of some macroeconomic concept. ★ Understanding the traditional notion of development, national income and per capita income. Familiarising the children about the income and other goals. ★ Acquaintance with national income and per 	<p>Students will-</p> <ul style="list-style-type: none"> ★ Students are classifying different types of resources. ★ Students' analytical and comprehension skills are improve. ★ ★ Critically examine the basic concepts like development, per 	<ul style="list-style-type: none"> ★ Problem Solving ★ Communication skills

			<p>capita income and growth of national income.</p> <ul style="list-style-type: none"> ★ Analyse the national development in a vision of income and other criteria ★ Analysing the public facilities, human development report. Understanding the need for health and educational development, human development indicators. ★ Analysing the need of sustainability of development. list UN's Goals for Sustainable Development and explain its impact on their life. 	<ul style="list-style-type: none"> ★ capita income, literacy rate, Infant ★ mortality rate, human development ★ index . ★ State the economic and non ★ economic indicators of development. 	
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7	Computer Information Technology	<p>Subject specific skills:</p> <p>Unit 1 Digital Documentation (Advance)</p>	<p>Student will be able to:</p> <ul style="list-style-type: none"> ★ Proficiently create various types of documents such as essays, reports, presentations, and spreadsheets using OpenOffice Writer, Calc, and Impress. ★ Create new documents in OpenOffice Writer. ★ Understand how to save, open, and close documents using the software. ★ Learn advanced formatting techniques such as using columns, text boxes, and drop caps. ★ Apply advanced formatting options like borders, shading, and 	<p>Students will:</p> <ul style="list-style-type: none"> ★ Create polished documents using advanced formatting features like styles, templates, and page layout options. ★ Proficient in using OpenOffice Writer for creating and formatting documents, collaborating with peers, and leveraging advanced features for efficient document management. ★ Gain proficiency in using word processing which are essential skills in today's technology-driven world. ★ Communicate effectively with peers, delegate tasks, and coordinate efforts to 	<ul style="list-style-type: none"> ★ Communication Skills ★ Problem-Solving
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styles to enhance
document aesthetics.

achieve common goals,
preparing them for
collaborative work
environments.

July

Sr.No.	Subject	Topic/ Chapter / Lesson	Learning Objectives	Learning Outcomes	Life skills
1	English	*First Flight 4. The ball poem	<ul style="list-style-type: none"> ★ To make the students think about the reality of losing something in life ★ Making them learn to develop the ability to understand the difficult situations in their life ★ Helping them to be strong and face problems of life ★ To introduce them to new poetic devices and their uses 	<ul style="list-style-type: none"> ★ Students understand, interpret and appreciate the poetry. ★ They learn different words and phrases and their usage. ★ Students learn about the loss of something they love and not to grieve over the loss. ★ They are prepared to face difficult situation in life and to cope with the problems of life. 	<ul style="list-style-type: none"> ★ Communication skills ★ Self awareness

<p>*First Flight</p> <p>5. Two stories about flying</p> <p>6. A tiger in the zoo (poem)</p> <p>*Footprints</p> <p>3. The midnight visitor</p>	<ul style="list-style-type: none"> ★ To enable students to understand the theme of the stories and sequence events ★ To enhance vocabulary ★ Understanding the authors' styles of writing the texts locally and globally ★ To make them believe on the mysteries that exist in this world. ★ To help them think critically whether such mysteries really exist. ★ To help them arrive at a conclusion if an aeroplane can fly and land safely even in an odd condition as mentioned in the lesson 	<ul style="list-style-type: none"> ★ Students are able to critically analyse the situation of the baby seagull and how it is able to overcome its fear and is able to fly by being Courageous and self-confident. ★ They work in collaborative manner and communicating ideas with each other ★ They learn the importance of trust, faith and the mysterious nature of help that can come from unexpected sources. 	<ul style="list-style-type: none"> ★ Critical thinking, ★ Communication skill ★ Collaborative learning ★ Problem-solving
<p>First Flight</p> <p>6. A tiger in the zoo</p>	<ul style="list-style-type: none"> ★ Reading and appreciating the message of wild-life 	<ul style="list-style-type: none"> ★ They use new words that they have learnt in their 	<ul style="list-style-type: none"> ★ Critical thinking ★ Communication

(poem)	<p>conservation and afforestation</p> <ul style="list-style-type: none"> ★ To identify the ‘poetic devices’ (rhyme scheme, imagery) employed by the poet to enhance the beauty of the poem ★ To identify, learn and analyse unfamiliar words and expressions in the poem 	<p>communication.</p> <ul style="list-style-type: none"> ★ They provide appropriate answers which include the required content. ★ Here, they understand that all animals will be happy only in their natural habitat. ★ Students understand their responsibility of preserving the environment and earth. 	<p>skills</p> <ul style="list-style-type: none"> ★ Empathy
<p>*Footprints</p> <p>3. The midnight visitor</p>	<ul style="list-style-type: none"> ★ To help students to acquire the knowledge of the elements of English language. ★ To encourage students to imagine and interpret To arouse curiosity of the students about the sudden turn of events in the story 	<ul style="list-style-type: none"> ★ Students imbibe the alertness and presence of mind exhibited by the detective Ausable ★ They critically analyse the lesson of learning how to adjust with adverse conditions in real life. They identify the main points and work in collaborative manner and 	<ul style="list-style-type: none"> ★ Problem-solving ★ Creative thinking ★ Communication skills

		communicate ideas with each other (Critical Competencies)	
Topic- Reported Speech	<ul style="list-style-type: none">★ Understanding Reporting Verbs: Identifying and using appropriate reporting verbs (say, tell, ask, etc.) to accurately convey the original speaker's message.★ Changing Verb Tenses: Learning how to change the verb tenses correctly when reporting speech (e.g., present to past, past perfect to past perfect).★ Pronoun Changes: Understanding how pronouns change when shifting from direct to reported speech.★ Maintaining Accuracy: Ensuring that the	<ul style="list-style-type: none">★ Ability to Report Speech Accurately: Students should be able to accurately report what someone said, maintaining the meaning and nuances of the original statement.★ Correct Usage of Reporting Verbs: Proficiency in choosing and using appropriate reporting verbs (e.g., say, tell, ask) based on the context and type of reported speech.★ Understanding of Tense Changes: Capability to correctly shift verb tenses when converting	<ul style="list-style-type: none">★ Communication Skills: Improved ability to communicate effectively by accurately reporting what others have said, enhancing overall written and oral communication skills.

reported speech accurately reflects the original message in terms of content and meaning.

- ★ Contextual Understanding: Grasping the context and situation in which reported speech is used, such as in news reporting, storytelling, or formal writing.

direct speech (e.g., "I said, 'I am going'" becomes "She said that she was going").

- ★ Pronoun and Time Expression Adjustment: Competence in adjusting pronouns and time expressions to fit the context of reported speech.
- ★ Contextual and Cultural Awareness: Awareness of how reported speech is used in different contexts, such as journalism, storytelling, and academic writing, and understanding cultural nuances related to reported speech.

Topic- Creative Writing- Analytical Paragraph writing

- ★ Understanding Analysis: To comprehend how to break down and examine a text, idea, or concept critically.
- ★ Thesis Development: To formulate a clear and focused thesis statement that guides the analysis.
- ★ Evidence and Support: To select and present relevant evidence from the text or sources to support the analysis effectively.
- ★ Critical Thinking: To develop skills in evaluating and critiquing arguments, interpretations, or evidence.
- ★ Organization and Structure :To learn how

- ★ Improved Analytical Skills: Ability to analyze and interpret texts, ideas, or concepts critically and insightfully.
- ★ Enhanced Writing Proficiency :Improved ability to formulate coherent arguments and present evidence effectively in writing.
- ★ Effective Communication: Capability to communicate complex ideas clearly and persuasively through written analysis.

- ★ Critical Thinking Development: Strengthened skills in evaluating information, assessing arguments, and forming reasoned judgments.
- ★ Structural Awareness: Understanding how to organize and structure paragraphs to enhance readability and logical flow of ideas.
- ★ Revision Competence: Proficiency in revising and

			<p>to structure an analytical paragraph with a clear topic sentence, supporting evidence, and a concluding statement that ties back to the thesis.</p> <p>★ Clarity and Coherence: To express ideas clearly and coherently, using transitions and logical connections within the paragraph.</p> <p>★ Revision and Editing: To revise and edit the paragraph for clarity, coherence, and effectiveness of argument.</p>		<p>editing written work to refine arguments and enhance clarity.</p>
2	Marathi	<p><u>घटक</u> – पद्य</p> <p><u>उपघटक</u> – दोन दिवस</p>	<p>विद्यार्थ्यांना कवितेतील प्रतिमा , अलंकार आणि शैलीची ओळख देणे करून</p>	<p>विद्यार्थी गिरणी कामगारांच्या जीवनावर आधारित स्वतः कविता तयार करतो .</p>	<p>भावनिक बुद्धिमत्ता*</p>

		<u>घटक</u> – स्थूलवाचन <u>उपघटक</u> – मोठे होत असलेल्या मुलांनो	विद्यार्थ्यांच्या भावनिक आणि नैतिक विकासास हातभार लावणे .	विद्यार्थी हा 'होमी भाभा.डॉ.' मिळवून वाचतो माहितीपट	चिकित्सक विचार*
		<u>घटक</u> – व्याकरण <u>उपघटक</u> – लिंग व वचन , वाक्य व वाक्यांचे प्रकार १) विधानार्थी २) उद्गारार्थी	* विद्यार्थ्यांना लिंग व वचन यांतील फरक समजावून सांगणे . * विद्यार्थ्यांना वाक्यरुपांतर करता येणे .	* विद्यार्थी स्वतः गडाचा सूचनाफलक तयार करून त्यातील वाक्यांचे परस्पर रुपांतर करतो .	*सर्जनशील विचार
		<u>लेखन</u> –कथालेखन	* विद्यार्थ्यांना कथेचे नियम समजावून सांगणेकथेचे प्रकार . स्पष्ट करणे	* विद्यार्थी जुन्या कथांमध्ये बदल करून नवीन कथानक तयार करतो .	चिकित्सक* विचार
3	Hindi	स्पर्श -डायरी का एक पन्ना	*डायरी लेखन विधी का परिचय। *सामाजिक जागरूकता की पहचान। *अंग्रेजी शासन के अत्याचारों का पर्दाफाश करना स्वतंत्रता संग्राम का इतिहास बताना।	*डायरी लेखन करेंगे *सामाजिकता जागरूकता होगी * अंग्रेजी शासन के अत्याचारों का पर्दाफाश होगा स्वतंत्रता संग्राम का इतिहास जानकर उस पर अपना मत प्रकट करेंगे	*जटिल समस्याओं के नवीन समाधान सोचने की क्षमता का विकास *समानुभूति *रचनात्मक सोच

मीरा के पद	<ul style="list-style-type: none"> *कृष्ण के जीवन का परिचय *भारतीय संस्कृति से जुड़ाव *जिज्ञासु प्रवृत्ति का विकास *मीरा की सच्ची प्रभु भक्ति से छात्रों को अवगत करना। *मीरा के साहित्य का परिचय 	<ul style="list-style-type: none"> *कृष्ण के जीवन का परिचय जानकर मीरा और कृष्ण की भक्ति जानेंगे *भारतीय संस्कृति से जुड़ेंगे *जिज्ञासु प्रवृत्ति का विकास होगा *मीरा की सच्ची प्रभु भक्ति को समझेंगे *मीरा के साहित्य का जानेंगे और आनन्द लेंगे 	<ul style="list-style-type: none"> *भक्ति रस *स्व जागृति *अंत व्यक्तिगत *मधुरभाषिपन *समानुभूति
मनुष्यता	<ul style="list-style-type: none"> *कवि का परिचय उनकी अन्य रचना से छात्रों का परिचय। *कविता का भावार्थ *देशप्रेम व विश्व एकता की भावना का निर्माण। *जीवन गौरवपूर्ण हो, औरों का व अपना उद्धार करना। 	<ul style="list-style-type: none"> *कवि और उनकी अन्य रचनाओं से परिचित होकर और साहित्य पढ़ेंगे * त्याग, बलिदान, सहयोग, परोपकार का विकास होकर अपने जीवन में बदलाव लाएंगे 	<ul style="list-style-type: none"> *त्याग, बलिदान, सहयोग, परोपकार का विकास *भाषा कौशल *देशभक्ति
व्याकरण – पदबंध अपठित, पद्य, गद्य	*पदबंध	<ul style="list-style-type: none"> * पदबंध परिभाषा तथा उदाहरण तैयार कर के भेद समझकर लिखेंगे * पदबंध के भेद जानकर, पदबंध के उदाहरण अलग –अलग लिखेंगे 	<ul style="list-style-type: none"> *संभाषण कौशल *रचनात्मकता *आलोचनात्मक सोच
रचनात्मक लेखन –	* औपचारिक पत्र लेखन का प्रारूप	* औपचारिक पत्र लेखन का प्रारूप	*भाषा कौशल

		औपचारिक पत्र सराव (periodi Exam)	समझाना	समझकर पत्र लेखन करेंगे	*रचनात्मक सोच *संवाद कौशल
4	Sanskrit	३) शिशुलालनम्	* राम के वात्सल्य भाव से छात्रों को अवगत कराना।	३) शिशुलालनम्	* राम के वात्सल्य भाव से छात्रों को अवगत कराना।
		* व्याकरणम् १) प्रत्ययः - टाप्	* प्रकृति और प्रत्यय अलग करने और प्रकृति और प्रत्यय को एक करने की योग्यता प्राप्त करवाना। * वचनानुसार धातुरूपों का प्रयोग करना बताना।	* प्रत्ययों का वाक्य में प्रयोग कर सकेंगे। * छात्र धातुरूपों का वाक्य में प्रयोग करेंगे।	* भाषा विकास
		२) धातुरूपाणि – लट्, लृट्, लोट्, लङ्, विधि लिङ्	* धातुरूपों का उच्चारण तथा वाक्यप्रयोग बताना।	* छात्र कालानुसार(वर्तमान-भूत-भविष्य) धातुरूपों का प्रयोग करेंगे।	* भाषा विकास
		३) सन्धि:- विसर्गस्य उत्त्वम्	* पाठ में सन्धि के उदाहरणों को पहचानकर सन्धि विच्छेद करके अर्थ लगाने में समर्थ करना। * पदों में सन्धि विच्छेद और सन्धि करने में सक्षम बनाना।	* पदों में सन्धि विच्छेद और सन्धि कर सकेंगे।	* भाषा विकास
		* रचनात्मक कार्यम् १) अनुवादः	* भाषा के नियमों से छात्रों को अवगत कराना। * प्रसंगानुसार शब्दरूपों और धातुरूपों का प्रयोग बताना।	* छात्र छोटे-छोटे वाक्यों का बोलचाल में प्रयोग कर सकेंगे।	* भाषा विकास

5	Science	Physics 9- Light Reflection and Refraction	To enable the students to – <ul style="list-style-type: none"> ★ Understand the difference between reflection and refraction. ★ Draw image formation for spherical mirrors and state the nature and position of image ★ To solve numerical of mirror and lens formula. ★ Understand the difference between concave and Convex mirrors and lenses 	Students will– <ul style="list-style-type: none"> ★ Apply sign conventions correctly. ★ Apply the concept to of refraction in day-to-day life . For eg. Twinkling of stars, apparent bending of straw/spoon when kept in glass filled with water etc., ★ Develop the skill of accuracy by drawing the ray diagrams refraction in day-to-day life . For eg. Twinkling of stars, apparent bending of straw/spoon when kept in glass filled with water etc., 	<ul style="list-style-type: none"> ★ Communication ★ Problem solving ★ Critical thinking

				<ul style="list-style-type: none"> ★ Develop the skill of accuracy by drawing the ray diagrams 	
		<p align="center">Physics</p> <p>10-Human Eye and the Colourful world</p>	<p>To enable the students to –</p> <ul style="list-style-type: none"> ★ Illustrate the parts and function of human eye, in order to understand how humans see the objects around them ★ Identify the defects of vision in human eye (myopia, hyper metropia, presbyopia) and their causes, in order to devise a correction method for them. 	<p>Students will–</p> <ul style="list-style-type: none"> ★ Draw labeled diagram of Human eye. ★ Identify the causes of defects of vision in human eye and suggest correction procedures. ★ Provide scientific explanation for twinkling of stars, advanced sunrise and delayed sunset. ★ Relate scattering of light to Tyndall effect, blue colour of sky and red colour of sun at sunrise and sunset. 	<ul style="list-style-type: none"> ★ Creative Thinking ★ Logical Thinking ★ Problem solving

			<ul style="list-style-type: none"> ★ Elaborate the process of atmospheric refraction, in order to understand natural phenomena, like twinkling of stars and advance sunrise and delayed sunset. ★ Explain the process of scattering of light, in order to understand natural phenomena, like tyndall effect, blue colour of the sky & red colour of sun at sunrise & sunset 	<ul style="list-style-type: none"> ★ Describe how focal length of eye changes, in order to understand how humans see close and far objects 	
		Chemistry	To enable the students to –	Students will–	*Communication

		<p>2- Acids, bases and salts</p>	<p>*To learn the chemical properties of acids and bases.</p> <p>*Know about Acid, base and salt and differentiate it.</p> <p>*Describe the methods of preparation, properties and uses of Bleaching Powder, Baking Soda, Washing Soda and POP.</p> <p>*Know the uses of acid, base and salt in day to day life.</p> <p>*Understand pH and correlate the concentration of hydrogen ions and pH with neutral, acidic and basic nature of aqueous solutions.</p>	<p>*Define the terms acid, base, salt and indicator; give examples of some common household acids, bases, salts and suggest suitable indicator.</p> <p>*Compare chemical properties of acids / bases.</p> <p>*pH of given solution and its importance in daily life.</p> <p>*To describe preparation of different salts and their uses in everyday life</p> <p>*Describe the manufacture and use of baking soda, washing soda, plaster of Paris and bleaching powder.</p>	<p>skill</p> <p>*Problem solving</p> <p>*Critical thinking</p> <p>*Scientific thinking</p>
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		Biology 6- Control and Coordination	To enable the students to – <ul style="list-style-type: none"> ★ Outline the working of a reflex arc. ★ Examine tropic movements in plants, in order to understand how plants respond to environmental triggers like light, gravity, water. ★ Discuss limitations of electrical impulses, in order to outline the importance & use of hormones. ★ Illustrate the function of endocrine glands in human body, in order to understand functioning of hormones. ★ Draw the structure & 	Students will– <ul style="list-style-type: none"> ★ Explain how reflex actions take place in humans. ★ Relate hormones with their functions, growth of plants with pH of the soil. ★ Discuss tropic movements in plants & their response towards light, gravity & water. ★ Describe the working of human brain. ★ Discuss & explain human endocrine system (various endocrine glands in humans & hormones produced by them). 	<ul style="list-style-type: none"> ★ Communication skill ★ Critical thinking ★ Creative thinking
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			<p>explain the functioning of a neuron , in order to explain how electrical signals travel in human body.</p> <ul style="list-style-type: none"> ★ Illustrate the location & functions of different parts of human brain. ★ Conduct investigation/experiment to seek answer to the queries on their own like -Why plants shoot moves towards light? 	<ul style="list-style-type: none"> ★ Compare directional & non-directional movements in plants. ★ Explain the need of chemical coordination in animals apart from nervous coordination. ★ Apply learning to hypothetical situations like ★ Develop skill of accuracy by drawing diagrams of neuron. ★ Exhibits creativity in designing model of Human Brain using eco-friendly resources. 	
6	Mathematics	6.Triangles	<p>To enable the students to-</p> <ul style="list-style-type: none"> ★ Identify the plane figures 	<p>Students will able to recall-</p> <ul style="list-style-type: none"> ★ Use of triangles and its 	<ul style="list-style-type: none"> ★ Critical thinking ★ Problem Solving

			<p>which have the same shapes and angles but sides are in certain ratio</p> <ul style="list-style-type: none"> ★ determine similarity of triangles by AAA,SAS,AAS,SSS and RHS . ★ Apply the basic Proportionality theorem and its converse 	<p>properties to find similarity between two triangles.</p> <ul style="list-style-type: none"> ★ The concepts learn in triangles in different structures they see like buildings and construction sites. ★ Uses of different geometric criteria established earlier such as basic proportionality theorem etc.in order to establish properties for similarity of two triangles. 	<ul style="list-style-type: none"> ★ Decision making
7	Social Science	<p>July Economics</p> <p>2. Sectors of the Indian Economy</p>	<p>To enable the students to –</p> <ul style="list-style-type: none"> ★ understand the sectors of economic activities. ★ analyse how primary, secondary and Territory 	<p>Students will –</p> <ul style="list-style-type: none"> ★ define economic activities and how they are ★ grouped in the Primary, 	<ul style="list-style-type: none"> ★ Communication skill ★ Critical thinking ★ Problem solving

sectors are interdependent to each other.

- ★ Familiarisation concepts of sectors of the Indian economy (primary sector, secondary sector, territory sector), their comparison on their contribution in the GDP.
- ★ To make aware of a major employment generating sector.
- ★ To understand how to create more employment.
- ★ • To analyse various government schemes to create employment like MNREGA.
- ★ To analyse the division of sectorsorganised and unorganised and

- ★ Secondary and Tertiary
- ★ sectors.
- ★ *Students are discussing to
- ★ gauge the importance and contribution of public sector.

			<p>protective measures for unorganised sector worker.</p> <ul style="list-style-type: none"> ★ • To understand the sectors of the economy on the basis of ownership: public sector and private sector. ★ To understand the role of Governments investment. 		
		<p>History Chap 2 – Nationalism in India</p>	<p>To enable the students to-</p> <ul style="list-style-type: none"> ★ Understands the idea of a nation and the emergence of the modern Indian Nation. ★ Comparative analysis of diverse social movements of the time will help them build and carry on with the ideas of unity in diversity in contemporary society. 	<p>Students will –</p> <ul style="list-style-type: none"> ★ Illustrate various facets of Nationalistic movements that ushered in the sense of Collective Belonging. ★ Evaluate the effectiveness of the strategies applied by Gandhiji and other leaders in the 	<p>Communication Skill</p> <ul style="list-style-type: none"> ★ Analytical thinking ★ creative thinking

		<ul style="list-style-type: none"> ★ Analyse how the advent of mahatma Gandhi turned around the political movement in India 	<p>movements organised by him.</p> <ul style="list-style-type: none"> ★ Summarise the effects of ★ the First World War that triggered the two defining movements (Khilafat & Non Cooperation Movement) in India 	
	Geography 3. Water Resources	<p>To enable the students to-</p> <ul style="list-style-type: none"> ★ understand the importance of water and the facts given by United Nation. ★ To understand sources, distribution, multi-purpose projects on water resources. ★ To understand water scarcity and its need 	<p>Students will-</p> <ul style="list-style-type: none"> ★ Examine the reasons for conservation of water resource in India. ★ Analyses and infer how the Multipurpose projects are supporting the requirement of water in India. 	<ul style="list-style-type: none"> ★ Communication skill. ★ Critical Thinking Problem Solving

for conservation and management.

- ★ To understand rain water harvesting through case studies
- ★ To describe the system of water management in Jodhpur, Bharuch and Surat in ancient times.
- ★ To analyse the factors responsible for depletion of forest and wildlife.
- ★ To understand the effects of depletion of forest resources.

8	Computer Information Technology	Employability skills: Unit II: Self- Management Skills	Student will be able to: ★ Identify what is stress. ★ know what are stressors and factors that cause stress. ★ the types of self- awareness ★ aware of dignity of labour ★ How to Become Self- Reliant	Student will: ★ understand the causes of stress. ★ know the effects of stress. ★ understand the meaning of stress management. ★ list the importance of stress management. ★ apply techniques of stress management in their day to day lives. ★ explore how to become self-reliant. ★ inculcate self – awareness. ★ develop self-motivation and self-regulation. ★ understand that working independently is a life skill which is important in personal as well as professional life and	★ Communication Skill ★ Problem-Solving ★ interpersonal skills
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				work towards becoming self-dependent.	
		<p>Subject Specific Skills</p> <p>Unit 2: Electronic Spreadsheet (Advanced)</p>	<p>Student will be able to:</p> <ul style="list-style-type: none"> ★ familiar with the basic features of spreadsheets. ★ know how to open and save a shared spreadsheet. ★ know how to record changes when working on a shared spreadsheet. ★ use Solver for what-if analysis. 	<p>Student will:</p> <ul style="list-style-type: none"> ★ recall the features and applications of a spreadsheet. ★ comprehend how to consolidate data in a spreadsheet. ★ know how to create sub-totals. ★ identify and use what-if analysis tools. ★ comprehend the meaning and uses of a Scenario manager for what-if analysis. ★ understand how to use Goal-seek to perform what-if analysis 	<p>★ Communication Skill</p>

				<ul style="list-style-type: none"> ★ know how to use a Data Table. ★ understand how to use a macro as a function. ★ understand how to pass arguments to a macro. ★ comprehend how to create custom functions that 	
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August

Sr.No.	Subject	Topic/ Chapter / Lesson	Learning Objectives	Learning Outcomes	Life skills
1	English	*Footprints 4. A Question of Trust	<ul style="list-style-type: none"> ★ To enable the students to develop the four language skills. ★ To enable the students to use the language for a variety of purposes. ★ To promote extensive reading and to instil interest in English 	<ul style="list-style-type: none"> ★ Students write dialogues ★ They present the story. ★ Students present the plan, organize and present ideas coherently by introducing, developing and concluding a topic. ★ They analyse the situation ★ And work collaboratively 	<ul style="list-style-type: none"> ★ Problem-solving ★ Critical thinking ★ Communication skills ★ Collaborative learning

		<p>stories.</p> <ul style="list-style-type: none"> ★ To enrich their vocabulary. ★ To enable the students, discuss in groups, provide opportunity for contemplation and discussion. ★ To know how easily an expert thief can be deceived by the devious tactics of another thief. ★ To invoke thoughts in the minds of students about the significance of trustworthiness and 	<p>to</p> <ul style="list-style-type: none"> ★ brainstorm on the given topic. ★ They present their comic strips to the class. 	
	<p>*First Flight</p> <p>7. From the diary of Anne Frank</p> <p>8. Amanda (poem)</p>	<ul style="list-style-type: none"> ★ To identify the challenges and dangers of life in hiding ★ To know the importance 	<ul style="list-style-type: none"> ★ Students become curious to explore the life and times of Anne Frank. ★ Students understand the 	<ul style="list-style-type: none"> ★ Critical thinking ★ Communication skills ★ Adaptability

9. Glimpses of India	<p>of primary documents as a historical resource</p> <ul style="list-style-type: none"> ★ To make them understand the terms: genocide, the Holocaust, racial “purity”/ethnic cleansing, Nazi Germany, anti-Jewish laws, and concentration camps ★ To enable them to arrange the facts from Anne’s life in chronological order ★ To analyse the qualities of Anne Frank to write a character sketch 	<p>importance of writing a diary. They use appropriate format and style of writing a diary.</p> <ul style="list-style-type: none"> ★ Students learn why Jewish people were forced to go into hiding during World War II. 	<ul style="list-style-type: none"> ★ Empathy ★ Constitutional Values
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<p>*First Flight</p> <p>8. Amanda (poem)</p>	<ul style="list-style-type: none"> ★ To enable students to express their view points regarding the restrictions they face at home ★ To make them identify and assert the theme of the poem ★ To let them appreciate the poem in terms of tone and literary devices respond to inferential, extrapolative and evaluative questions ★ To bring out a contrast between the childhood fantasies and the responsibilities of a young girl 	<ul style="list-style-type: none"> ★ Students will be able to mention the issues faced by teenagers. ★ They reflect their understanding of the central idea of the poem. ★ Students identify the figure of speech. ★ They identify and examine issues related to growing up. ★ They practice the function of agreeing and disagreeing 	<ul style="list-style-type: none"> ★ Communication skills ★ Resilience ★ Empathy ★ Gender sensitization
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<p>*First Flight</p> <p>9. Glimpses of India</p>	<p>Students to know about the culture and traditions of Goan village and the profession of the people</p> <p>To make them comprehend the important social position of bakery goods and bakers in the Goan culture and tradition</p> <p>Recalling their knowledge to describe the magnificent view of a tea- estate</p> <p>To enable them to answer factual, inferential, extrapolative and reference to context questions</p>	<p>The students will be able to use prior knowledge as a scaffold to promote comprehension of the text.</p> <p>They collect details of tea-making process.</p> <p>Restate the stories related to the origin of tea.</p> <p>They research on the cultivation of tea in India to complete the given worksheet.</p>	<p>1. Communication skills</p> <p>2. Collaborative learning</p>
<p>1) Creative writing- Learning Phrases and proverbs</p>	<p>To learn bring improvisation in descriptive writing</p>	<p>Students use learned phrases and proverbs while speaking and writing</p>	<p>Communication</p>

		2) Grammar - Modals (Revision)	To improvise students writing and bring accuracy	They use correct modals at necessary positions in the sentence.	Communication
2	Marathi	<u>घटक</u> – गद्य <u>उपघटक</u> – चुडीवाला	विद्यार्थ्यांना 'चुडीवाला' या कथेतू ग्रामीण जीवनाची ओळख करून देण.	विद्यार्थी आधुनिक पद्धतीने बांगड्यांचा व्यवसाय कसा वाढवता येईल. ते स्पष्ट करतो.	*स्व – जाणीव
		<u>घटक</u> – गद्य <u>उपघटक</u> – फूटप्रिंट्स	विद्यार्थ्यांना ग्लोबल वार्मिंग विषयी सविस्तर माहिती सांगणे .	विद्यार्थी पर्यावरणाचा समतोल कसा राखायचा याचा तक्ता तयार करतो .	सर्जनशील विचार*
		<u>घटक</u> – व्याकरण <u>उपघटक</u> – काळ , समानार्थी व विरुद्धार्थी शब्द	विद्यार्थ्यांना अनेकार्थी शब्दांची माहिती करून देणे .	विद्यार्थी बाजारातील दुकानांच्या नावांचे समानार्थी शब्द सांगतो.	समस्या निराकरण
		लेखन कथालेखन – (सराव)		विद्यार्थी स्वतःच्या प्रवास वर्णनात तिन्ही काळांचा वापर करतो .	*ताण तणावांचे समायोजन चिकित्सक विचार*
3	Hindi	स्पर्श - तताँरा वामीरो कथा	*जनजातीय समाज में परंपरा के बीच पलकते-बिखरते प्रेम की कहानी बताना।	*जनजातीय समाज में परंपरा के बीच पलकते-बिखरते प्रेम की कहानी सुनेंगे तथा समझेंगे	*करुणा भाव *सहयोगपूर्ण भावना *तनाव से निपटना

		<ul style="list-style-type: none"> *आपसी सहयोग भावना का विकास *जीवन के प्रति सकारात्मकता, सहभागिता प्रवृत्ति का विकास *समाज की रूढ़ियों से अवगत कराना छात्रों के ज्ञान के स्तर को बढ़ाना। 	<ul style="list-style-type: none"> *अपने सहयोगियों से मिलजुलकर रहेंगे *जीवन के प्रति सकारात्मकता, सहभागिता प्रवृत्ति का विकास होगा *समाज की रूढ़ियों से अवगत होकर उसपर अपना मत प्रकट करेंगे 	*नेतृत्व
	कर चले हम फिदा	<ul style="list-style-type: none"> *देशप्रेम व विश्व एकता की भावना का निर्माण। *जीवन गौरवपूर्ण हो ,औरों का व अपना उद्धार करना। *कविता वाचन कठिन शब्द लेखन कविता का भावार्थ बताना। कविता के द्वारा मूल्य को समझाना। कविता वाचन कठिन शब्द लेखन कविता का भावार्थ बताना। कविता के द्वारा मूल्य को समझाना। 	<ul style="list-style-type: none"> *समस्या व समाधान प्रेरणा का विकास। *सुख दुख जीवन के दो पहलू है यह छात्र समझकर अपने बर्ताव में बदलाव करेंगे । *एक जागरूक और सक्रिय नागरिक *स्वतंत्रता सेनानियों के त्याग तथा समर्पण की भावना आदि का परिचय होगा तथा कक्षा में चर्चा करेंगे 	<ul style="list-style-type: none"> *करुणा भाव *सहयोगपूर्ण भावना *तनाव से निपटना *नेतृत्व
	तोप	<ul style="list-style-type: none"> *अपने विचारों को व्यक्त करने की क्षमता का विकास करना। 	<ul style="list-style-type: none"> *अपने विचारों को व्यक्त करने में सक्षम होंगे। 	<ul style="list-style-type: none"> *समानुभूति *भाषा कौशल

			*सभी चीजें विनाशकारी होती हैं इसीलिए कभी किसी बात पर घमंड नहीं करना चाहिए यह तोप कविता के आधार से समझाना	*घमंड न करने की सिख प्राप्त कर सबसे अच्छे से विनम्रता से रहेंगे *सबसे समानता से व्यवहार करेंगे	*रचनात्मक सोच *मधुरभाषिपन *समानुभूति
		व्याकरण – समास	*परिभाषा *उदाहरण *वर्गीकरण	समास, के भेद समझकर, पहचानकर अलग करेंगे, समझेंगे, उनका सही प्रयोग करेंगे * भेद जानकर उन भेदों का व्यवहारिक व्याकरण में प्रयोग करेंगे	*संभाषन कौशल *रचनात्मक सोच *समालोचनात्मक सोच
		रचनात्मक लेखन – सूचना लेखन	*सूचना लेखन के नियम समझाकर *कम शब्दों में महत्वपूर्ण सूचना किस तरह से लिखना चाहिए यह स्मार्ट बोर्ड पर दिखाना	* कम शब्दों में महत्वपूर्ण सूचना लेखन लिखेंगे *आवश्यक शब्दों के लिए अपनी सृजनता का प्रयोग करेंगे	*ज्ञानार्जन प्रवृत्ति *संभाषन कौशल *रचनात्मक सोच *भाषा कौशल
4	Sanskrit	४जननी तुल्यवत्सला (	माता के ममतामय व्यवहार के * उदाहरण को समझाना। मानवीय मूल्यों से अवगत * कराना।	सभी के साथ समानता का * व्यवहार करेंगे। जीवन में मानवीय मूल्यों को * अपनाएँगे।	अंतर्व्यक्तिगत संबंध * सहयोगपूर्ण भावना *
		व्याकरणम् * १-अशुद्धि (-पुरुष-लिङ्ग)संशोधनम्	(लकार-पुरुष-लिङ्ग) वाक्यगत * की अशुद्धियों को बताना। अलग अलग पदों को एक *	-पुरुष-लिङ्ग) छात्र बोलचाल में * रहित की अशुद्धियों से (लकार वाक्यप्रयोग कर सकेंगे।	भाषाविकास *

		(लकार २ - :समास (:अव्ययीभाव	बनाना। पदों का *विग्रह और समस्त पद बनाने में सक्षम कराना।	सामासिक पदों का वाक्य में प्रयोग * कर सकेंगे।	
		रचनात्मक कार्यम् * १ पत्रलेखनम् (– अनौपचारिक	पत्र के प्रारूप को *बताना। विषयानुसार पत्र में शब्दों का * प्रयोग बताना।	छात्र प्रारूप के अनुसार शब्दों की * सहायता से पत्रलेखन करेंगे।	रचनात्मक सोच *
5	Science	Physics 11-Electricity	To enable the students to – ★ Understand Electric current & circuit ★ Evaluate the charge flowing through a conductor in a given time, in order to calculate current flowing through it ★ The concept of Electric Potential and Potential Difference ★ Know about Circuit	Students will– ★ Determine work done in moving a charge across two points, in order to calculate potential difference between two points ★ Identify the electrical components and their functions, in order to build a functioning circuit ★ Classify substances as conductors, alloys and insulators	★ Critical thinking ★ Creative thinking

			diagrams ★ Understand resistance and factors on which resistance depends	★ Draw circuit diagrams based on given data	
		Chemistry 3- Metals and non-metals	To enable the students to *Know physical and chemical properties of metal. *Reaction of metals and non metals with air, water, acid, base and salt solution. *Define ores and minerals. *Differentiate between roasting and calcination.	Students will– *Identify the reacting capacity of different metals. *Will use the methods to prevent corrosion of metals in day to day life. *Encourage the use of solder as a fuse wire due to its low melting point and high resistance. *Make use of sour substances like lemon or tamarind to regain the shine of copper vessels. *Avoid the storage of acidic	★ Communication skill ★ Critical thinking ★ Logical reasoning ★ Problem solving

				food in metal containers.	
		Biology 7- How do organisms reproduce?	To enable the students to <ul style="list-style-type: none"> ★ Describe the changes taking place in female body after / without fertilization. ★ Illustrate the process of fission in amoeba, leishmania & plasmodium to understand how unicellular organisms divide. ★ Illustrate the process of fragmentation in Spirogyra & spore 	Students will– <ul style="list-style-type: none"> ★ Explain human reproduction ★ Explain how flowers reproduce to form fruit. ★ Interpret effects of puberty. ★ Relate hormones with their functions. ★ Develop skill of accuracy by drawing labelled diagrams of reproductive systems. ★ Apply scientific concepts in daily life & solving 	<ul style="list-style-type: none"> ★ Communication skill ★ Critical thinking ★ Empathy ★ Decision making ★ Problem solving

formation in Rhizopus to understand how multicellular organisms with simple body design divide.

- ★ Illustrate the process of regeneration in Planaria to understand how fully differentiated multicellular organisms divide.
- ★ Illustrate the process of budding in Hydra to understand how fully differentiated multicellular organisms use regenerative cells to divide.
- ★ Illustrate the process of vegetative propagation

problems . For Eg. Take precautions to prevent sexually transmitted infections, Use vegetative propagation to develop saplings in gardening, Perform exercise to keep in good health.

- ★ Exhibit values of rational thinking , freedom from myth, superstitious beliefs , respect for life while taking decisions & sensitizes others about its effect on physical & mental health, prevents pre-natal sex determination.

in plants like sugarcane, roses, grapes to understand how plants reproduce without seeds.

- ★ Label the different parts of a flower & explain their functions.
- ★ List down the changes occurring in male & female body in teenage years.
- ★ Illustrate the male & female reproductive system to understand their function in reproduction.
- ★ List down the ways to avoid fertilization to avoid pregnancy & maintain reproductive

			<p>health.</p> <ul style="list-style-type: none"> ★ List down the reasons for changes in DNA copying & their effect on ecosystem to understand importance of variations. 		
6	Mathematics	4.Quadratic equations	<p>To enable the students to-</p> <ul style="list-style-type: none"> ★ Recall the concept of quadratic equation ★ Represent the equation in general form as ax^2+bx+c, where a,b,c are real numbers ★ Solve the quadratic equation by different methods. ★ Examine the discriminant of 	<p>To enable the students to -</p> <ul style="list-style-type: none"> ★ Recall Quadratic equations in calculating the areas of an enclosed space ★ Formulate the speed of an object. ★ Demonstrates knowledge of application of various strategies in order to find roots and determine the nature of roots of a given 	<ul style="list-style-type: none"> ★ Critical thinking ★ Communication skill ★ Problem Solving ★ Decision making

			quadratic equation in order to find out the nature of its roots and determine whether a given situation is possible or not.	equation.	
		5.Arithmetic Progressions	<p>To enable the students to-</p> <ul style="list-style-type: none"> ★ Recognize the Pattern of a given series ★ get familiar with the term common difference and it's important in an AP ★ Correlate the AP with the real life daily situation ★ identify the first term common difference and the n^{th} term of an AP 	<p>Students will able to recall-</p> <ul style="list-style-type: none"> ★ The use of an AP, To determine the number of audience/ members a stadium can hold. ★ When we take taxi, we will be charged an initial cost and then a per kilometer charged is applied, is also an AP. ★ To determine annual income of an employee ★ Also ,artwork made up of 	<ul style="list-style-type: none"> ★ Critical thinking ★ Communication skill ★ Problem Solving ★ Decision making

			<ul style="list-style-type: none"> ★ Apply formula and calculate the n^{th} term of an AP and sum up to of terms of an AP. 	dot rangoli.	
7	Social Science	Civics 3. Gender, Religion and Caste	To enable the students to <ul style="list-style-type: none"> ★ Critical thinking that in the society how gender division is not based on biology but on social expectation and stereotype. ★ Critical thinking on the reports of harassment, exploitation and violence against women. ★ Appreciate the women's movements aimed at equality in personal and 	Students will- <ul style="list-style-type: none"> ★ Examine the role and differences of Gender, religion and Caste in practicing Democracy in India. ★ Analyses the different expressions based on these. 	<ul style="list-style-type: none"> ★ Critical thinking ★ Communication

family life as well.

- ★ Will able to understand that problem begins when religion is seen as the basis of the nation.
- ★ Appreciate the quote of Gandhi ji politics must be guided by ethics drawn from religion.
- ★ Appreciate the political leaders and social reformers like Jyotiba Phule, Dr. B. R Ambedkar and Periyar
- ★ Critical analyse that still untouchability has not ended completely, despite constitution prohibition.
- ★ Will be able to

			<p>understand that if the politics is based on caste then it will divert the attention from very important issues like poverty development and corruption.</p> <ul style="list-style-type: none"> ★ Various dimensions of learning like critical thinking, analytical, comparative, creative etc. will develop habits of mind an ultimate and essential life skill 		
		Economics 3.Money and Credit	To enable the students to – <ul style="list-style-type: none"> ★ To familiarize the concept of money as an economic concept (medium of 	Students will – <ul style="list-style-type: none"> ★ Understand the value of money and the need to save it. ★ Differentiate between 	<ul style="list-style-type: none"> ★ Communication skill. ★ Critical Thinking ★ Problem Solving

exchange, storage, deferred payments).

- ★ To understand the loan activities of bank, their terms of credit and other conditions. • To understand formal and informal financial institution for saving and credit.
- ★ familiarize self-help groups for the poor and their functions. (For e.g. Through case study of Barefoot College at Tilonia run by Dr. Roy)

- ★ barter system and monetary system.
- ★ *Assess the role of banks in loan activities.
- ★ Evaluate the role of SHGs in creating credit for the poor.
- ★ Develop a spirit of enquiry and research.

			<ul style="list-style-type: none"> ★ To understand the sectors of the economy on the basis of ownership: public sector and private sector. • To understand the role of Governments investment 		
		Geography Chapt 4- Agriculture	To enable the students to- <ul style="list-style-type: none"> ★ understand various farming systems practiced in India. ★ Students will be able to familiarise about three cropping seasons in India (Rabi, Kharif and Zaid). ★ understand the major crops (grains and 	Students will- <ul style="list-style-type: none"> ★ Examine the crucial role played by agriculture in our economy and society. ★ Analyses the challenges faced by farming community in India. ★ Identifies and summarizes various aspects of agriculture 	<ul style="list-style-type: none"> ★ Critical thinking ★ Communication skills ★ Empathy

			<p>leguminous crops, food crops and nonfood crops) in India.</p> <ul style="list-style-type: none"> ★ understand the institutional and technological reforms which become necessity for revolution in agricultural sector. ★ To understand the impact of institutional and technological reforms. ★ • To get acquaintance with the contribution of agriculture to National Economy- Employment and Output. ★ To understand the impact of globalisation. 	including crop production.	
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			<ul style="list-style-type: none"> ★ To understand how bio-technology is helpful in the Gene Revolution 		
		History Chap 2 – Nationalism in India	To enable the students to- <ul style="list-style-type: none"> ★ Understands the idea of a nation and the emergence of the modern Indian Nation. ★ Comparative analysis of diverse social movements of the time will help them build and carry on with the ideas of unity in diversity in contemporary society. ★ Analyse how the advent of mahatma Gandhi turned around the political movement in India 	Students will – <ul style="list-style-type: none"> ★ Illustrate various facets of Nationalistic movements that ushered in the sense of Collective Belonging. ★ Evaluate the effectiveness of the strategies applied by Gandhiji and other leaders in the movements organize by him. ★ Summaries the effects of the First World War that triggered the two defining movements (Khilafat & Non Cooperation 	<ul style="list-style-type: none"> ★ Communication Skill ★ Analytical thinking ★ creative thinking

				Movement)in India	
8	Computer	Employability Skills Unit 5 Green Skills	Student will be able to: <ul style="list-style-type: none"> ★ familiar with some of the problems facing the world today. ★ get familiar with the international efforts being taken for sustainable development. ★ appreciate the importance of sustainable development 	Student will: <ul style="list-style-type: none"> ★ know about the evolution of sustainable development. ★ define what is sustainable development. ★ understand the concept and principles of sustainable development. ★ appreciate the objectives and importance of sustainable development. ★ understand the future and challenges of sustainable development. 	★ Communication Skill ★ interpersonal skills
		Subject Specific Skills Unit 3: Database	Student will be able to: <ul style="list-style-type: none"> ★ know the meaning of data and information. 	Student will: <ul style="list-style-type: none"> ★ understand what data is and understand the 	★ Communication Skill

		<p>Management System</p> <p>1.</p>	<ul style="list-style-type: none"> ★ know what a database and database management system is. ★ identify database objects. ★ start an RDBMS application. ★ get familiar with the RDBMS interface. ★ list the steps to create a database. ★ know how to create a table. ★ state database, and the use of the database management system. ★ create and use forms and reports. 	<p>difference between data and information.</p> <ul style="list-style-type: none"> ★ comprehend what is a database. ★ know how data is stored in a database in the form of tables and the structure of a table. ★ understand the role of developers, administrators and end users of a database. ★ define a database management system. ★ appreciate the need for and importance of a database management system. ★ List the advantages of a database management 	
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				<p>system.</p> <ul style="list-style-type: none"> ★ understand what a relational database management system (RDBMS) is. ★ understand the use of primary, composite and candidate keys in a table. 	
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September

Sr.No.	Subject	Topic/ Chapter / Lesson	Learning Objectives	Learning Outcomes	Life skills
1	English	FIRST FLIGHT 8. Amanda (poem)	<ul style="list-style-type: none"> ★ To enable students to express their view points regarding the restrictions they face at home ★ To make them identify and assert the theme of the poem ★ To let them appreciate the poem in terms of tone and literary devices 	<ul style="list-style-type: none"> ★ Students will be able to mention the issues faced by teenagers. ★ They reflect their understanding of the central idea of the poem. ★ Students identify the figure of speech. ★ They identify and 	<ul style="list-style-type: none"> ★ Communication skills ★ Resilience ★ Empathy ★ Gender sensitization

			<p>respond to inferential, extrapolative and evaluative questions</p> <ul style="list-style-type: none"> ★ To bring out a contrast between the childhood fantasies and the responsibilities of a young girl 	<p>examine issues related to growing up.</p> <ul style="list-style-type: none"> ★ They practice the function of agreeing and disagreeing. 	
		<p>9.Glimpses of India</p> <p>i. The Baker from Goa</p> <p>Tea from Assam</p>	<ul style="list-style-type: none"> ★ Students to know about the culture and traditions of <i>Goan</i> village and the profession of the people ★ To make them comprehend the important social position of bakery goods and bakers in the Goan culture and tradition ★ Recalling their knowledge to describe the magnificent view of a tea- estate ★ To enable them to 	<ul style="list-style-type: none"> ★ The students will be able to use prior knowledge as a scaffold to promote comprehension of the text. ★ They collect details of tea- making process. ★ Restate the stories related to the origin of tea. ★ They research on the cultivation of tea in India to complete the given worksheet 	<p>3. Communication skills</p> <p>4. Collaborative learning</p> <p>5. Financial literacy</p> <p>6. Scientific temper and evidence based thinking</p>

			answer factual, inferential, extrapolative and reference to context questions		
		10. The trees (poem)	<ul style="list-style-type: none"> ★ To enhance students' appreciation for Poetry ★ To enable them to identify the use of 'literary devices' in the poem. (metaphor, simile, imagery, personification and symbolism) ★ To encourage them to participate in a class discussion and present their individual point of view with regard to how they feel that the poet has tried to bring out inner meaning through the poem 	<ul style="list-style-type: none"> ★ Students appreciate the poetry and poetic devices in the poem. ★ Students enhance their skill by providing appropriate answers and examine abstract concepts presented in the poem. ★ Students understand the importance of gender equality 	<ul style="list-style-type: none"> ★ Critical thinking ★ Communication skills ★ Empathy ★ Gender sensitization

FOOTPRINTS

5. Footprints without Feet

- ★ Understanding the theme of the lesson
- ★ Sequencing events
- ★ Enhancing vocabulary
- Completing the exercises at the end of the story
- ★ Understanding the author's style of writing, theme of the lesson
- ★ Inferring meaning from the context

- ★ They respond critically to the aesthetic, cultural and emotional values in the text.
- ★ Students prepare, organize and deliver an engaging oral presentation.
- ★ They use appropriate vocabulary, tone, posture, gestures, pause and maintain eye contact while speaking
- ★ They understand the importance of values in life.

- ★ 1. Collaborative learning
- ★ 2. Communication
- ★ 3. Critical thinking
- ★ 4. Problem-solving
- ★ 5. Creative thinking
- ★ 6. Citizenship skills and values

1) Creative writing-

- ★ To learn bring improvisation in descriptive writing

- ★ Students use learned new words while speaking and writing

- ★ Communication

		Grammar - Tense (Revision)	<ul style="list-style-type: none"> * To improvise students writing and bring accuracy 	<ul style="list-style-type: none"> * They use correct verb forms at necessary in the sentence. 	<ul style="list-style-type: none"> * Communication
2	Marathi	<u>घटक</u> – गद्य <u>उपघटक</u> – उर्जाशक्तीचा जागर	<ul style="list-style-type: none"> * विद्यार्थ्यांना पाठाचा आशय व मध्यवर्ती संकल्पना समजावून देणे . 	<ul style="list-style-type: none"> * विद्यार्थी आपल्या ‘ जीवनातील शिक्षकाचे या विषयावर ’स्थान आधारित निबंधलेखन करतो 	<ul style="list-style-type: none"> * भावनांचे समायोजन * सर्जनशील विचार
		<u>घटक</u> – व्याकरण <u>उपघटक</u> – वाक्य व वाक्यांचे प्रकार	<ul style="list-style-type: none"> * विद्यार्थ्यांना वाक्यांचे प्रकार समजणेविद्यार्थ्यांना . वाक्यरूपांतर करता येणे 	<ul style="list-style-type: none"> * विद्यार्थी स्वतःगडाचा सूचनाफलक तयार करून त्यातील वाक्यांचे परस्पर रूपांतर करतो . 	<ul style="list-style-type: none"> * निर्णयक्षमता * चिकित्सक विचार * सर्जनशील विचार
		<u>लेखन</u> – पत्रलेखन (औपचारीक)	<ul style="list-style-type: none"> * विद्यार्थ्यांना पत्रलेखनाचे नियम समजावून सांगणे 	<ul style="list-style-type: none"> * विद्यार्थी नियमाप्रमाणे पुस्तकांची मागणी करणारे पत्र व्यवस्थापकास लिहितो . 	<ul style="list-style-type: none"> * स्व – जाणीव * व्यक्ती व्यक्तीमधील – सहसंबंध
3	Hindi	<u>स्पर्श</u> - तीसरी कसम के शिल्पकार शैलेंद्र	<ul style="list-style-type: none"> * फिल्म से धन कमाना हो तो उन्हें मनोरंजन का ध्यान भी रखना है। * पुरानी फिल्मों में और आज की 	<ul style="list-style-type: none"> * भारतीय सिनेमा के स्वरूप का परिचय होगा पुरानी फिल्मों के प्रति सकारात्मकता निर्माण 	<ul style="list-style-type: none"> * बहु इन्द्रिय संचार * वित्तीय साक्षरता * नवीन सोच

			फिल्मों में कितने प्रतिशत बड़ोती हो गई है उसका अंदाजा लगाना। * तीसरी कसम फिल्म की विशेषता बताना	फिल्मों के द्वारा समाज प्रबोधन लाने के लिए प्रयास करेंगे * भारतीय फिल्म तथा तकनीकी विज्ञान तथा उसमें वर्तमान युग में आया हुआ परिवर्तन जिज्ञासा से जानेंगे	
		पर्वत प्रदेश में पावस	* पर्वतीय प्रदेश में वर्षा ऋतु का वर्णन करके पावस की आवश्यकता व प्रकृति परिवर्तन बताना * विभिन्न ऋतुओं का ज्ञान। * प्रकृति व मानव के मध्य संबंधों का ज्ञान। * पर्यटन के प्रति आकर्षण व अभिरुचि जगाना।	* पर्वत प्रदेश में पावस तथा पर्वतों की सूची और जानकारी आदि का प्राप्त करकर पर्वतीय प्रदेश में वर्षा ऋतु का वर्णन करने में सक्षम बनेंगे	* कल्पनाशक्ति विकास * समानुभूति * भाषा कौशल * रचनात्मक सोच
		व्याकरण – समास, अपठित गद्यपद्य,	* परिभाषा * उदाहरण * वर्गीकरण	* समास समझकर, पहचानकर अलग करेंगे, समझेंगे, उनका सही प्रयोग करेंगे * समास के भेद जानकर उन भेदों का व्याकरण में प्रयोग करेंगे	* संभाषन कौशल * रचनात्मक सोच * समालोचनात्मक सोच
		रचनात्मक लेखन –	* विज्ञापन लेखन के नियम	* आकर्षक विज्ञापन लेखन	* ज्ञानार्जन प्रवृत्ति संभाषन

		विज्ञापन लेखन सराव(Half Yearly Exam)	समझाकर आकर्षक विज्ञापन किस तरह लिखना चाहिए यह स्मार्ट बोर्ड पर दिखाना	लिखेंगे ★ आकर्षकता के लिए अपनी सृजनता का प्रयोग करेंगे	कौशल ★ रचनात्मक सोच ★ भाषा कौशल
4	Sanskrit	५सुभाषितानि (	★ पाठ में वर्णित परिश्रम का महत्त्व, क्रोध के दुष्प्रभाव, बुद्धि की विशेषता के महत्त्व को बताना।	★ छात्र पाठ में वर्णित विषयों के लाभ और हानि को समझकर व्यवहार करेंगे।	★ निर्णय क्षमता
		व्याकरणम् १:उच्चै) अव्ययपदानि (, च, श्वः, ह्यः, अद्य, अत्र- तत्र, यत्रकुत्र-, इदानीम्(२ (सन्धिरत्वम् -:	★ छात्रों को अव्यय पदों के अर्थ बताकर वाक्यप्रयोग करके समझाना। ★ पदों में सन्धि विच्छेद और सन्धि करने में सक्षम बनाना। ★ पाठ में सन्धि के उदाहरणों को पहचानकर सन्धि विच्छेद करके अर्थ लगाने में समर्थ करना।	★ छात्र अव्यय पदों के अर्थ जानकर वाक्यप्रयोग कर सकेंगे। ★ पदों में सन्धि विच्छेद और सन्धि कर सकेंगे।	★ भाषा विकास
5	Science	Physics 11-Electricity	To enable the students to – ★ Understand the concept of heating effect of electric current by Joules law	Students will– ★ Solve numerical based on heating effect of electric current ★ To solve numerical	★ Creative thinking ★ Problem solving ★ Logical thinking

			<ul style="list-style-type: none"> ★ Understand about resistance in series and parallel combination and derive formula for the same. ★ Understand and define the term power 	<p>based on circuit diagrams</p> <ul style="list-style-type: none"> ★ Calculate power, in order to represent electric consumption in domestic circuits. ★ Calculate the electricity bill of their house 	
		Biology 8-Heredit	<p>To enable the students to</p> <ul style="list-style-type: none"> ★ Explain the combination of sex chromosomes. ★ State & explain Mendel's traits of inheritance. ★ Classify the given traits as inherited or acquired to understand which traits cause a change in genes. 	<p>Students will–</p> <ul style="list-style-type: none"> ★ Explain how sex is determined in humans. ★ Draw conclusion as trait /features are inherited through genes present on chromosomes. ★ Take initiative to know about scientific 	<ul style="list-style-type: none"> ★ Communication skill ★ Critical thinking

				discovery/invention about Mendel's contribution in understanding the concept of inheritance.	
6	Mathematics	14.Probability	<p>To enable the students to –</p> <ul style="list-style-type: none"> ★ Define a random experiment, sample space and event ★ Analyze probability as a chance ★ define probability of an event of a random experiment ★ analyze important results related to probability 	<p>Students will able to Recall-</p> <ul style="list-style-type: none"> ★ The use of probability to estimate the chances of success or failure of a project, investment or product launch. ★ It can also be used to predict future trends based on past data. 	<ul style="list-style-type: none"> ★ Critical thinking ★ Communication skill ★ Problem Solving ★ Decision making
7	Social Science	<p>Civics</p> <p>1.Political Parties</p>	<p>To enable the students to-</p> <ul style="list-style-type: none"> ★ Will be able to 	<p>Students will-</p> <ul style="list-style-type: none"> ★ Understand the 	<ul style="list-style-type: none"> ★ Critical thinking ★ Decision making

			<p>understand the importance of the political parties that it is the part of the society and thus involve partisanship</p> <ul style="list-style-type: none"> ★ identify the work of political parties. <p>Appreciate the functions done by the political parties.</p> <ul style="list-style-type: none"> ★ Comparative analysis of one party system and (at least) two party system. ★ Critically analysis of merits and demerits of multiparty system. It can be very messy as well as allows a variety of 	<p>process of parties getting elected.</p> <ul style="list-style-type: none"> ★ Know the significance of right to vote and exercise the duties as citizen of nation. ★ Examine the role, purpose and no. of Political Parties in Democracy. ★ Justifies the contributions made by national and regional political parties in successful functioning of Indian democracy. 	<ul style="list-style-type: none"> ★ Communication skills
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interest.

- ★ Evaluation of the situations that no system is ideal for all the countries and situations.
- ★ Will able to know that in federal system tend to have two kinds of political parties: Parties that are present in only one of the federal units and parties that are present in several or all units of the federation.
- ★ At the same time they will learn about coalition of the government.
- ★ Examine the situations when the parties are

			<p>facing the challenges.</p> <ul style="list-style-type: none"> ★ Appreciate, accept and adopt that how political parties as vehicle of federal sharing of political power and as negotiators of social divisions in the arena of democratic politics. 		
		<p>History</p> <p>3.The Making of a Global World</p>	<p>To enable the students to-</p> <ul style="list-style-type: none"> ★ Learns about the earliest form of globalization – Silk Routes, food connect and causes of Conquest, Disease and Trade across the world ★ Understands the systems of World Economy, role of technology in spread of Colonialism 	<p>Students will-</p> <ul style="list-style-type: none"> ★ changes that transformed the world in terms of economy, political, cultural and technological areas <p>Depict the global Interconnectedness from the Premodern to the present day.</p> <ul style="list-style-type: none"> ★ Enumerate the 	<ul style="list-style-type: none"> ★ Communication Skills ★ Interpersonal Relationship

			<p>Questions about the Migration of Indentured Labor from India, Indian global trade during Colonial time.</p> <p>★ Rebuilding a World Economy: The Post-war Era, decolonization and independence</p>	destructive impact of colonialism on the livelihoods of colonized people.	
8	Computer	Revision			

October

Sr.No.	Subject	Topic/ Chapter / Lesson	Learning Objectives	Learning Outcomes	Life skills
1	English	FIRST FLIGHT 11. Mijbil the otter	<p>★ To develop students' sensitivity towards animals</p> <p>★ To enable students to illustrate the qualities of the otter, Maxwell and</p>	<p>★ Students explore the details about otters.</p> <p>★ They make a list of things needed to take good care of pets.</p> <p>★ They study otters and</p>	Communication skills Empathy

			<p>the airhostess</p> <ul style="list-style-type: none"> ★ To encourage them to explore appropriate language and expression associated with writing a descriptive paragraph 	<p>otter conservation projects.</p> <ul style="list-style-type: none"> ★ Students understand and practice the use of 'would' or 'used to' to form sentences. 	
		FIRST FLIGHT 12. Fog (poem)	<ul style="list-style-type: none"> ★ To make students able to identify the use of 'literary devices' in the poem like imagery and metaphors ★ Making students understand how a poem is written in Free Verse 	<ul style="list-style-type: none"> ★ Students appreciate the poetry and poetic devices in the poem. ★ Students are able to provide appropriate answers and examine descriptive concepts presented in the poem 	Critical thinking Communication skills
		FIRST FLIGHT 13. Madam rides the bus	<ul style="list-style-type: none"> ★ To make students recount how they generally spend their pocket money 	<ul style="list-style-type: none"> ★ Students apply pre-reading strategies to set a purpose for reading and to 	Problem-solving Creative thinking Communication skills Time management

	<ul style="list-style-type: none"> ★ To make them explore all details for travelling in a public transport (train or aero plane) ★ To invoke students to elaborate on the statement that the ability and courage to take risk are essential to fulfilling dreams ★ To analyse the qualities of Valli to write a character sketch 	<p>increase comprehension.</p> <ul style="list-style-type: none"> ★ Students understand Valli's journey to the city was also her orientation to the mystery of life and death. ★ To sensitise the students to the feelings of an individual. 	Gender sensitization
FOOTPRINTS 6. The Making of a Scientist	<ul style="list-style-type: none"> ★ To enable them to comprehend the biographical account of the life and achievements of Richard Ebright and his contributions to the 	<ul style="list-style-type: none"> ★ They appreciate the struggle and achievements of Robert Ebright. ★ They provide appropriate answers and attempt 	Creative thinking Critical thinking Communication skills Collaborative learning Scientific temper and evidence based thinking

			<p>scientific world.</p> <p>★ To guide them to identify and analyse the theme, message, unfamiliar words and expressions in the chapter</p>	<p>analytical questions.</p> <p>★ Students participate in class discussions to bring forth the most appropriate answers to the given questions and also express their opinion on any further content they might think important.</p>	
		Grammar – Sub-Verb Concord	<p>★ To improvise students writing and bring accuracy</p>	<p>★ They use correct verb form at necessary place in the sentence.</p>	Communication
		Analytical Paragraph	<p>★ To bring improvisation in descriptive writing</p>	<p>★ Students use new words while speaking and writing.</p>	Communication
2	Marathi	<p><u>घटक</u> – पद्य</p> <p><u>उपघटक</u> – औक्षण</p>	<p>★ विद्यार्थ्यांना कवितेचा आशय समजून देणेकवितेत वर्णन . केलेल्या भावनिक संदर्भाचा</p>	<p>★ विद्यार्थी गावातील माजी सैनिकाची भेट घेऊन सीमेवरील कार्याची</p>	सर्जनशील विचार भावनांचे समायोजन

			.अभ्यास करणे	माहिती घेतो .	
		<u>घटक – गद्य</u> <u>उपघटक- रंग साहित्याचे</u>	* विद्यार्थ्यांना साहित्याच्या विविध प्रकारांची ओळख करून देणेवाचनाची गोडी . केवळ) .निर्माण करणे (अपठित उतारा आकलन	* विद्यार्थी काव्यवाचनामध्ये रस घेतो ‘ .माझा गावया ’ विषयावर आधारित .कविता लेखन करतो * केवळ अपठित उतारा) (आकलन	सर्जनशील विचार संवेदनशीलता संपर्क कौशल्य
		<u>घटक – गद्य</u> <u>उपघटक – जंगल</u> डायरी (केवळ अपठित उतारा आकलन)	* विद्यार्थ्यांना विकारी व अविकारी शब्दांची माहिती करून देणे .	* विद्यार्थी विकारी व अविकारी शब्दांचा वापर करून लघुकथा तयार करतो .	सृजनशीलता संवाद कौशल्य
		<u>व्याकरण – शब्दांच्या</u> जाती (सराव) <u>लेखन –पत्रलेखन</u>	* विद्यार्थ्यांना नियमाप्रमाणे सविस्तर पत्रलेखन करता येणे .	* विद्यार्थी वर्गातील बेशिस्तीबाबत वर्गशिक्षकांना तक्रारपत्र लिहितो .	संभाषण कौशल्य
3	Hindi	स्पर्श – अब कहाँ दूसरों के दुख में दुखी होने वाले	* परिवार के सदस्यों के साथ विविध घटनाओं पर आधारित चर्चा तथा समस्या समाधान निकालने के लिए उपाय ढूँढना।	* स्पर्श – अब कहाँ दूसरों के दुख में दुखी होने वाले	परिवार के सदस्यों के साथ विविध घटनाओं पर आधारित चर्चा तथा समस्या समाधान निकालने के लिए उपाय ढूँढना।

संचयन –सपनों के से दिन	<ul style="list-style-type: none"> * बचपन सबको पसंद है उसकी यादों को याद करके आत्मसुख प्राप्त होता है। यह बात छात्रों को बताना 	<ul style="list-style-type: none"> * संचयन –सपनों के से दिन 	बचपन सबको पसंद है उसकी यादों को याद करके आत्मसुख प्राप्त होता है। यह बात छात्रों को बताना
व्याकरण – मुहावरें	<ul style="list-style-type: none"> * मुहावरें और कहावतों के बीच का अंतर समझाना * मुहावरों तथा कहावतों का सृजनात्मक लेखन में प्रयोग सिखाना 	<ul style="list-style-type: none"> * मुहावरें और कहावतों के बीच का अंतर समझकर उनका अर्थ समझेंगे * मुहावरों तथा कहावतों का सृजनात्मक लेखन में प्रयोग कर प्रभावी सृजनात्मक लेखन करेंगे * अपने संवादों में उनका प्रयोग करेंगे 	ज्ञानार्जन प्रवृत्ति संभाषन कौशल रचनात्मक सोच
रचनात्मक लेखन – लघुकथा लेखन	<ul style="list-style-type: none"> * लघुकथा लेखन के नियम समझाकर तुकांत शब्दों के सही प्रयोग के आधार से दिए गए विषय पर लघुकथा लेखन कराना 	<ul style="list-style-type: none"> * लघुकथा लेखन के नियम समझकर तुकांत शब्दों के सही प्रयोग के आधार से दिए गए विषय पर लघुकथा लेखन करेंगे 	ज्ञानार्जन प्रवृत्ति संभाषन कौशल रचनात्मक सोच

4	Sanskrit	दशोभा :सौहार्द प्रकृते (	<ul style="list-style-type: none"> * प्राकृतिक सौंदर्य से अवगत कराना। * संसार में क्रियाशीलता और गतिशीलता के महत्त्व को बताना। 	<ul style="list-style-type: none"> * प्राकृतिक सौंदर्य को समझकर उसके संरक्षण का प्रयास करेंगे। * आपस में मिलजुल कर सौहार्दपूर्ण तरीके से जीवन - यापन करेंगे। 	सहयोगपूर्ण भावना
		व्याकरणम् १वाच्यपरिवर्तनम् (२ - :समास ((विभक्ति):तत्पुरुष	<ul style="list-style-type: none"> * छात्रों को वाक्य कर्तृवाच्य से कर्मवाच्य में परिवर्तित करने में सक्षम बनाना। * अलग अलग पदों को एक बनाना। * पदों का विग्रह और समस्त पद बनाने में सक्षम कराना। 	<ul style="list-style-type: none"> * छात्र वाच्यपरिवर्तन के नियमों के अनुसार वाक्यप्रयोग करेंगे। * सामासिक पदों का वाक्य में प्रयोग कर सकेंगे। 	भाषा विकास
		रचनात्मक कार्यम् १:अनुवाद (	<ul style="list-style-type: none"> * भाषा के नियमों से छात्रों को अवगत कराना। * प्रसंगानुसार शब्दरूपों और धातुरूपों का प्रयोग बताना। 	<ul style="list-style-type: none"> * छात्र छोटेछोटे वाक्यों का - बोलचाल में प्रयोग कर सकेंगे। 	भाषा विकास

5	Science	Physics 12- Magnetic Effect of Electric current	<ul style="list-style-type: none"> ★ To enable the students to ★ Understand about magnetic field and magnetic field lines ★ Know about the magnetic field lines around bar magnet, straight conductor carrying current ★ Understand Maxwells thumb Rule ★ Study the magnetic field lines around solenoid ★ Understand Flemings left hand rule 	<ul style="list-style-type: none"> ★ Students will– ★ Draw magnetic field lines for a current carrying circular loop in order to identify the magnetic field strength at different points around it. ★ Apply Flemings Left hand rule to understand working of electric motor. 	
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Chemistry 4- Carbon and it's compounds	<ul style="list-style-type: none"> ★ To enable the students to – ★ Define combustion, oxidation, hydrogenation, addition and substitution. ★ Know about covalent bond, tetra valency, catenation, homologous series and functional group. ★ Learn electron dot structure and IUPAC nomenclature. 	<ul style="list-style-type: none"> ★ Students will– ★ To calculate molecular formula for different carbon compounds. ★ Appreciate the use of alcohol as a fuel, as an antiseptic in hospitals, as a preservative for biological specimen. ★ Students will analyse the ill effects of drinking alcohol on society. ★ Appreciate the use of soap for washing clothes in soft water and detergent in hard water. 	<ul style="list-style-type: none"> ★ Creative thinking ★ Problem solving ★ Logical reasoning ★ Communicative skills
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		Biology 8-Heredit	<ul style="list-style-type: none"> ★ To enable the students to – ★ Explain how changes in DNA can lead to stronger/better species or formation of new species altogether. ★ State Mendel's traits of inheritance to understand how traits are inherited from one generation to next. 	<ul style="list-style-type: none"> ★ Students will– ★ Critically analyze the importance of sexual reproduction as an element of genetic variation. ★ Use analytical skills (Critical thinking) to visualize the given scenario & use the concepts learnt in everyday problems like artificial selection & relate it to the vegetables available in the market. 	<ul style="list-style-type: none"> ★ Communication skill ★ Critical thinking
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6	Mathematics	13.Surface Areas and volumes	<ul style="list-style-type: none"> ★ To enable the students to- ★ Understand the combination of various solid shapes and calculate their specific areas and volumes ★ Solve problems on combination of two solids and calculate capacity ★ Transform one solid in another solids, compare and analyze their surface areas and volumes ★ convert a cone into frustum and calculate its volume and its surface areas. 	<ul style="list-style-type: none"> ★ Students will able to recall – ★ Visualization of objects in surroundings as a combination of different solids like cylinders and a cone ,cylinder and a hemisphere ,combination of different cubes etc. In order to find their surface area and volumes. ★ In architecture and construction, surface area and volumes are used to determine the quantity of materials 	<ul style="list-style-type: none"> ★ Critical thinking ★ Communication skill ★ Problem Solving ★ Decision making
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				<p>for a complete building smoothly.</p> <ul style="list-style-type: none"> ★ Environmental scientists use surface area calculations to study habitats' evolution and evaluate ecosystems' functions. ★ Surface area is an important part of heat transfer and thermal management projects that engineers use to get energy-efficient cooling systems, etc. 	
7	Social Science	Economics 4.Globalisation and	★ To enable the students to –	★ Students will – ★ Compare India's	★ Communication skill ★ Critical thinking

		the Indian Economy	<ul style="list-style-type: none"> * familiarize the concepts of production across countries. * To familiarise foreign trade and integration of markets. • To understand globalisation and the factors of globalisation. * To understand trade practices, steps to attract foreign investment. * To understand world trade organisation, the impact of globalisation. * To familiarise with the various debate outcomes for fair globalisation. 	position <ul style="list-style-type: none"> * in the world market to the * other developed countries. * Student realize the * importance of information * technology in the modern * world. * Appreciate the reasons for * setting up MNCs in India. 	<ul style="list-style-type: none"> * Time management
		Geography 5. Mineral and Energy Resources	<ul style="list-style-type: none"> * To enable the students to – * understand the term 	<ul style="list-style-type: none"> * Students will- * Differentiate between the conventional and 	<ul style="list-style-type: none"> * Communication skills * Critical thinking

			<p>minerals, formation of minerals (physical and chemical conditions) and their mode of occurrence.</p> <ul style="list-style-type: none"> ★ Familiarise with the minerals classified into the heads metallic, non-metallic and energy minerals. ★ understand the need to conserve our mineral resources judiciously. understand the energy resources (conventional and non-conventional sources) ★ To have sustainable development understanding the need 	<p>nonconventional sources of energy.</p> <ul style="list-style-type: none"> ★ Analyses the importance of minerals and natural resources for economic development of the country. ★ Suggests strategies for sustainable use of natural resources. 	
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			<p>to promote 1037 energy conservation by avoiding wastage, besides increasing the use of renewable energy sources.</p> <ul style="list-style-type: none"> ★ To understand the slogan “Energy saved is energy produced”. 		
		<p>Civics</p> <p>5.Outcomes of Democracy</p>	<ul style="list-style-type: none"> ★ To enable the students to – ★ Examine some of the things we can reasonably expect from democracy and examine the record of democracy. ★ Will able to understand the importance of people in decision making. ★ Appreciate the form of 	<ul style="list-style-type: none"> ★ Students will – ★ Enumerates how a success of democracy depends on quality of government, economic wellbeing, in equality, social differences, conflict, freedom and dignity. 	<ul style="list-style-type: none"> ★ Communication skill ★ Critical thinking ★ creativity

the government which is always account table to the people.

- ★ Comparative analysis of the other forms of the government and find democracy has better outcomes.
- ★ Critically examine the role of democratic government in distribution of goods and opportunities.
- ★ Able to appreciate that democracy in India has strengthened the case of the disadvantaged and discriminated castes for equal status and equal opportunity.

			<ul style="list-style-type: none"> ★ Able to understand that every individual wants to receive respect and it is possible with democracy. ★ Various dimensions of learning like critical thinking, analytical, comparative, creative etc. will develop habits of mind an ultimate and essential life skill 		
8	Computer	Subject Specific Skills Unit 3: Database Management System	Student will be able to: <ul style="list-style-type: none"> ★ know the meaning of data and information. ★ know what a database and database management system is. ★ identify database objects. ★ start an RDBMS 	Student will: <ul style="list-style-type: none"> ★ understand what data is and understand the difference between data and information. ★ comprehend what is a database. ★ know how data is stored in a database 	★ Communication Skill

			<p>application.</p> <ul style="list-style-type: none"> ★ get familiar with the RDBMS interface. ★ list the steps to create a database. ★ know how to create a table. ★ state database, and the use of the database management system. ★ create and use forms and reports. 	<p>in the form of tables and the structure of a table.</p> <ul style="list-style-type: none"> ★ understand the role of developers, administrators and end users of a database. ★ define a database management system. ★ appreciate the need for and importance of a database management system. ★ List the advantages of a database management system. ★ understand what a relational database management system (RDBMS) is. ★ understand the use of primary, composite 	
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and candidate keys in
a table.

November

Sr.No.	Subject	Topic/ Chapter / Lesson	Learning Objectives	Learning Outcomes	Life skills
1	English	FIRST FLIGHT 14. The tale of custard the dragon (poem)	<ul style="list-style-type: none"> ★ To enhance students' appreciation for Poetry ★ To enable students to identify the use of 'literary devices' in the poem. (Simile, Hyperbole and alliteration) ★ Students to be introduced to a Ballad style of poetry in a comic vein 	<ul style="list-style-type: none"> ★ Students appreciate the poetry and poetic devices in the poem. ★ Students provide appropriate answers and examine humorous yet significant concepts presented in the poem with regard to human nature. ★ Students understand that we should never judge a person on the basis of his looks or what others say about him. 	<ul style="list-style-type: none"> ★ Critical thinking ★ Communication skills

15. The Sermon at Benares	<ul style="list-style-type: none"> ★ To make students understand the difference between sermon and lecture ★ To develop the values of patience, help and care for others in themselves ★ To enable students to deal with grief keeping in mind the ideas and teachings of Buddha 	<ul style="list-style-type: none"> ★ Students comprehend that the story is based on the concept of life and death. ★ They discuss about the mortality of life. ★ Students appreciate the concept of detachment from loved ones and the importance of silence for attaining inner peace. 	<ul style="list-style-type: none"> ★ Problem-solving ★ Creative thinking ★ Critical thinking ★ Communication skills ★ Ethical and moral reasoning
16. For Anne Gregory (poem)	<ul style="list-style-type: none"> ★ To enable them to explore about the life and works of the poet ★ To let them identify and assert the theme of the poem ★ To make them able to understand and appreciate the poem in terms of tone and literary devices ★ To enable them to create a web chart of all the poetic devices and write examples 	<ul style="list-style-type: none"> ★ They share their view point research on the poet. ★ Students reflect understanding of the central idea of the poem. ★ They practice function of agreeing and disagreeing. ★ They discuss whether beauty is perceived internally or externally. ★ Students highlight the conventional image of a beautiful person. 	<ul style="list-style-type: none"> ★ Empathy ★ Communication skill ★ Problem solving

	<p>of their own</p> <ul style="list-style-type: none"> ★ To encourage them to present their point of view on the given topic 		
FOOTPRINTS 7.The Necklace	<ul style="list-style-type: none"> ★ To encourage them to know the values of wisdom and truth ★ To guide students to infer, analyse and evaluate text ★ to write their views and attempt questions with maximum accuracy ★ 	<ul style="list-style-type: none"> ★ They analyse the importance of knowing the fact that one should be satisfied with what one has got ★ They come to know the importance of righteous conduct in life working in collaborative manner and communicating ideas with each other. ★ Students examine the choices offered. ★ They develop strong character traits and citizenship by understanding the importance of being 	<ul style="list-style-type: none"> ★ Communication skills ★ Collaborative learning ★ Emotional intelligence ★ Time management ★ Financial literacy ★ Ethical and moral reasoning

		righteous in life	
8. Bholi	<ul style="list-style-type: none"> ★ Developing greater confidence and proficiency in oral and written communication ★ Using appropriate English to communicate in various social settings ★ To develop curiosity and creativity through extensive reading ★ To narrate a story which has been depicted pictorially or in any other non-verbal mode 	<ul style="list-style-type: none"> ★ The children be aware of the importance of education, the need for empowering women. They discuss with family about the importance of family support for children. ★ They discuss with parents the need of emotional support from them for children ★ Students understand the role of teacher as a mentor in their lives. ★ Students discuss on social evils like dowry system and gender discrimination and talk on their role in making such evils disappear from our society. 	<ul style="list-style-type: none"> ★ Problem-solving ★ Critical thinking ★ Communication skills ★ Collaborative learning ★ Emotional intelligence ★ Empathy ★ Ethical and moral reasoning ★ Gender sensitization ★ Fundamental Duties ★ Citizenship skills and values

		Grammar - Reported Speech	★ To improvise students writing and bring accuracy	★ They use correct verb form at necessary place in the sentence.	★ Communication
		Letter Writing	★ To bring improvisation in descriptive writing	★ Students use correct format. They use a very polite and formal language.	★ Communication
2	Marathi	<u>घटक</u> – स्थूलवाचन <u>उपघटक</u> – व्युत्पत्ती कोश	विद्यार्थ्यांना शब्दांच्या व्युत्पत्तीबद्दल माहिती देऊन त्यांच्या भाषेची समृद्धी करणे .	विद्यार्थी शब्दांची यादी तयार करून त्या शब्दांच्या निर्मितीचा शोध घेतो .	*समस्या निराकरण *संप्रेषण कौशल्य
		<u>घटक – पद्य</u> <u>उपघटक – रंग मजेचे रंग उद्याचे (केवळ अपठित कविता आकलन)</u>	अकारविल्हेक्रमाची आवश्यकता स्पष्ट करणे. (केवळ अपठित कविता आकलन)	(केवळ अपठित कविता आकलन)	*संवाद कौशल्य *चिकित्सक विचार
		<u>घटक</u> – व्याकरण <u>उपघटक</u> – समास १) अव्ययीभाव २) द्वंद्व	विद्यार्थ्यांना वेगवेगळ्या शब्दांपासून समास कसा तयार करायचा हे शिकता येणे .	विद्यार्थी दैनंदिन संभाषणातील सामासिक शब्दांचे लेखन करतो .	संप्रेषण कौशल्य
		<u>लेखन</u> – निबंधलेखन -	★ विद्यार्थ्यांना वर्णनात्मक निबंधाचे नियम समजावून देणे. नमुना निबंध	★ विद्यार्थी 'मी अनुभवलेला पहिला पाऊस' या विषयावर स्व	*सृजनशीलता

			घेणे.	अनुभवावरून निबंधलेखन करतो.	*संवाद कौशल्य
3	Hindi	स्पर्श - कारतूस	*स्वतंत्रता सेनानियों के त्याग तथा समर्पण की भावना आदि का परिचय छात्रों से करवाना तथा कक्षा में चर्चा कराना। *समस्या व समाधान प्रेरणा का विकास कराना।	*स्वतंत्रता सेनानियों के त्याग तथा समर्पण की भावना आदि से ज्ञात होंगे तथा कक्षा में चर्चा करेंगे *समस्या पर समाधान ढूंढने में सक्षम बनकर समस्या का सामना करेंगे।	*अनुकूलशिलता *जटिल समस्याओं के नवीन समाधान सोचने की क्षमता का विकास
		व्याकरण – रचना के आधार पर वाक्य भेद	*परिभाषा *उदाहरण *वर्गीकरण *विविध वाक्य	रचना के आधार पर वाक्य भेद समझकर, पहचानकर अलग करेंगे, समझेंगे, उनका सही प्रयोग करेंगे * भेद जानकर उन भेदों का व्याकरण में प्रयोग करेंगे	*संभाषण कौशल *रचनात्मक सोच *समालोचनात्मक सोच *भाषा कौशल
		रचनात्मक लेखन – अनुच्छेद लेखन, ई-मेल लेखन सराव (periodic Exam)	*अनुच्छेद लेखन, ई-मेल लेखन के नियम समझाकर शब्दों के सही प्रयोग के आधार से दिए गए विषय पर अनुच्छेद लेखन, ई-मेल लेखन कराना	* अनुच्छेद लेखन, ई-मेल लेखन के नियम समझकर शब्दों के सही प्रयोग के आधार से दिए गए विषय पर अनुच्छेद लेखन, ई-मेल लेखन कराना	*ज्ञानार्जन प्रवृत्ति *संभाषण कौशल *रचनात्मक सोच *भाषा कौशल
4	Sanskrit	७ (विचित्र : साक्षी	*छात्रों को न्याय की सूक्ष्मता एवं न्यायाधीश के महत्त्व एवं उचित/अनुचित न्याय से मानव जीवन पर पड़ने वाले प्रभाव को बताना।	*छात्र न्याय की सूक्ष्मता एवं न्यायाधीश के महत्त्व एवं उचित/अनुचित न्याय से मानव जीवन पर पड़ने वाले प्रभाव से परिचित हो सकेंगे।	*निर्णय क्षमता *चातुर्यता *समस्या-समाधान

		<p>* व्याकरणम्</p> <p>१ (प्रत्यय - :ठक्</p> <p>२ (सन्धि - :विसर्गलोपः</p>	<p>* प्रकृति और प्रत्यय अलग करने और प्रकृति और प्रत्यय को एक करने की योग्यता प्राप्त करवाना।</p> <p>* पदों में सन्धि विच्छेद और सन्धि करने में सक्षम बनाना।</p> <p>* पाठ में सन्धि के उदाहरणों को पहचानकर सन्धि विच्छेद करके अर्थ लगाने में समर्थ करना।</p>	<p>* प्रत्ययों का वाक्य में प्रयोग कर सकेंगे।</p> <p>* पदों में सन्धि विच्छेद और सन्धि कर सकेंगे।</p>	* भाषा विकास
5	Science	<p>Chemistry</p> <p>4- Carbon and it's compounds</p>	<p>★ To enable the students to –</p> <p>★ *Define combustion, oxidation, hydrogenation, addition and substitution.</p> <p>★ *Know about covalent bond, tetra valency, catenation, homologous series and functional group.</p> <p>★ *Learn electron dot structure and IUPAC nomenclature.</p>	<p>★ Students will–</p> <p>★ *To calculate molecular formula for different carbon compounds.</p> <p>★ Appreciate the use of alcohol as a fuel, as an antiseptic in hospitals, as a preservative for biological specimen.</p> <p>★ *Students will analyse the ill effects of drinking alcohol on society.</p>	<p>★ Creative thinking</p> <p>★ Problem solving</p> <p>★ Logical reasoning</p> <p>★ Communicative skills</p>

				<ul style="list-style-type: none"> * *Appreciate the use of soap for washing clothes in soft water and detergent in hard water. 	
		Physics 12- Magnetic Effect of Electric current	To enable the students to- <ul style="list-style-type: none"> * Understand Household domestic circuit * Know about short circuiting and overloading : Causes and precautions * Know the functions of Neutral wire, Earth wire and live wire * Know the function and importance of Fuse in an electric circuit 	Students will– <ul style="list-style-type: none"> * Analyze the significance of neutral, earth and live wire, in order to understand formation of a domestic electrical circuit * Take precautions to avoid overloading and short circuiting 	<ul style="list-style-type: none"> * Self awareness * Problem solving
		Biology 13- Our Environment	To enable the students to – <ul style="list-style-type: none"> * Classify different waste products as biodegradable or non-biodegradable to 	Students will– <ul style="list-style-type: none"> * Explains the various trophic levels of a food chain. 	<ul style="list-style-type: none"> * Communication skill * Critical thinking * Creative thinking

		<p>assess their effect on environment.</p> <ul style="list-style-type: none"> ★ Tabulate the organisms feeding on one another (producers, consumers, decomposers) & energy transfer between them to form a food chain or a food web. ★ Describe the formation & properties of ozone to identify ways to protect it from depletion. ★ Categorize biotic & abiotic components & their interaction with each other to describe an ecosystem. 	<ul style="list-style-type: none"> ★ Construct food chains & food webs from a given list of organisms. ★ Understand the intimate association of all biotic & abiotic components in an ecosystem. ★ Appreciate the role performed by decomposers in returning the nutrients into the nutrient pool. ★ Explain 10% law of Energy flow and Biological magnification. ★ Differentiates materials as biodegradable & non-biodegradable substances. ★ Apply learning to hypothetical situations such as avoid using appliances responsible for ozone layer depletion. ★ Make efforts to conserve 	<ul style="list-style-type: none"> ★ Empathy ★ Decision making ★ Problem solving ★ Collaboration
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				<p>environment realizing the interdependency & interrelationship in the biotic & abiotic factors of environment such as appreciates & promotes segregation of biodegradable & non-biodegradable wastes, take steps to promote sustainable management of resources in day to day life, advocate use of fuels which produce less pollutants, use energy efficient electric devices, use fossil fuels judiciously.</p> <p>★ Enhance creativity by making posters on conservation of environment.</p>	
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6	Mathematics	Chapter 8 Introduction to trigonometry.	<ul style="list-style-type: none"> ★ Define and distinguish various trigonometric ratios in order to describe and verify sine, cosine, tangent, cosecant, secant, cotangent of an angle. ★ Students will use given trigonometric ratios in order to find and verify other trigonometric ratios/ angles of the triangle. ★ Student will compute the trigonometric ratio of zero degree, 30 degree, 45 degree, 60 degree, 90 degree in order to know and apply the values of specific angles. ★ Student will compute and apply trigonometric identities product to 	<ul style="list-style-type: none"> ★ Student determines all trigonometric ratios with respect to a given acute angle in order to use them in solving problems in daily life context like finding heights of different structures or distances from them. 	<ul style="list-style-type: none"> ★ Logical thinking ★ Critical thinking ★ Problem solving ★ Creative thinking
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			simplify and solve mathematical problems.		
7	Social Science	Geography 5. Mineral and Energy Resources	To enable the students to – <ul style="list-style-type: none"> ★ understand the term minerals, formation of minerals (physical and chemical conditions) and their mode of occurrence. ★ Familiarise with the minerals classified into the heads metallic, non-metallic and energy minerals. ★ understand the need to conserve our mineral resources judiciously. understand the energy resources (conventional and non-conventional sources) ★ To have sustainable development understanding the need to promote 1037 energy conservation by avoiding wastage, besides 	Students will- <ul style="list-style-type: none"> ★ Differentiate between the conventional and nonconventional sources of energy. ★ Analyses the importance of minerals and natural resources for economic development of the country. ★ Suggests strategies for sustainable use of natural resources. 	<ul style="list-style-type: none"> ★ Communication skills ★ Critical thinking

			<p>increasing the use of renewable energy sources.</p> <ul style="list-style-type: none"> ★ To understand the slogan “Energy saved is energy produced”. 		
		<p>Civics</p> <p>5.Outcomes of Democracy</p>	<p>To enable the students to –</p> <ul style="list-style-type: none"> ★ Examine some of the things we can reasonably expect from democracy and examine the record of democracy. ★ Will able to understand the importance of people in decision making. ★ Appreciate the form of the government which is always account table to the people. ★ Comparative analysis of the other forms of the government and find democracy has better outcomes. 	<p>Students will –</p> <ul style="list-style-type: none"> ★ Enumerates how a success of democracy depends on quality of government, economic wellbeing, in equality, social differences, conflict, freedom and dignity. 	<ul style="list-style-type: none"> ★ Communication skill ★ Critical thinking ★ creativity

			<ul style="list-style-type: none"> ★ Critically examine the role of democratic government in distribution of goods and opportunities. ★ Able to appreciate that democracy in India has strengthened the case of the disadvantaged and discriminated castes for equal status and equal opportunity. ★ Able to understand that every individual wants to receive respect and it is possible with democracy. ★ Various dimensions of learning like critical thinking, analytical, comparative, creative etc. will develop habits of mind an ultimate and essential life skill 		
		History	To enable the students to-	Students will-	

		Print Culture and Modern World	<p>Analyses the important phases in world history and draws insights to understand the present-day world.</p> <ul style="list-style-type: none"> ★ Understands and ★ appreciates the contribution of ★ India through history and present times, to the overall field of Social Science, and the disciplines that constitute it 	<ul style="list-style-type: none"> ★ Enumerate the development of Print from its beginnings in East Asia to its expansion in Europe and India. ★ Comment on the ★ statement that the print revolution was not just a way of producing. book but profound. transformation of people. ★ Compare and contrast the old tradition of handwritten manuscripts versus the print technology. Summaries the role of Print revolution and its impact 	<ul style="list-style-type: none"> ★ Communication skills ★ Decision making
8	Computer	Employability Skills Unit 3 ICT Skills	<p>Student will be able to:</p> <ul style="list-style-type: none"> ★ know about hardware and software and the difference between them. ★ know about the functions of 	<p>Student will:</p> <ul style="list-style-type: none"> ★ understand the functions of an operating system. ★ know the types of operating systems. 	<ul style="list-style-type: none"> ★ Communication Skill ★ Problem-Solving

			operating systems. ★ know the user interface of Windows Operating System. ★ restore or permanently delete a folder and file. ★ To realise the importance of computer maintenance.	★ get familiar with Windows 10. understand how to create a new folder and file. ★ know how to rename and delete a folder and file. ★ move or copy folders and files from one drive to another. ★ comprehend the methods to protect a computer against viruses. ★ appreciate the importance of preparing and following a regular maintenance schedule	
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December

Sr.No.	Subject	Topic/ Chapter / Lesson	Learning Objectives	Learning Outcomes	Life skills
1	English	FIRST FLIGHT 17. The proposal	★ To help students to state the sort of proposal the play is about	★ Students can appreciate the events created by Lomov. ★ They can summarize	★ Communication skills ★ Collaborative learning

			<ul style="list-style-type: none"> ★ To help them to list the customs similar and common in Indian and Russian Weddings ★ To encourage students to describe the traits of various characters in the play ★ To let them identify and analyse the theme, message, unfamiliar words and expressions in the play 	<p>the underlying idea of the play.</p> <ul style="list-style-type: none"> ★ Students can answer the questions appropriately as per the events unfolded in the play. 	<ul style="list-style-type: none"> ★ Emotional intelligence ★ Gender sensitization ★ Fundamental Duties
		FOOTPRINTS 9. The Book that Saved the Earth	<ul style="list-style-type: none"> ★ To develop the four language skills. ★ To develop skills of imagination and interpretation. ★ To enrich the vocabulary. ★ To promote extensive 	<ul style="list-style-type: none"> ★ Students appreciate the imagination and understand the theme of the play. ★ They enrich their vocabulary. ★ They understand the significance of book. 	<ul style="list-style-type: none"> ★ Critical thinking Communication skills ★ Ethical and moral reasoning ★ Scientific temper and evidence based thinking

	<p>reading and to instill interest in English play.</p> <ul style="list-style-type: none"> ★ To acquire the linguistic competence necessarily required in various life situations. ★ To express views and ideas in an organized way. 	<ul style="list-style-type: none"> ★ They express their ideas and views clearly. ★ They understand the text locally and globally. ★ They infer meaning from the context. ★ Students read the text with fluency, clarity and intonation. ★ They sketch the character of great and mighty Think-Tank and Noodle. 	
<p>Grammar- 1) Error and correction 2) Simple tenses, etc.</p>	<p>Tenses Improve Grammar Skills: Develop the ability to use tenses accurately in both written and spoken communication.</p>	<p>Grammatical Accuracy: Students will use tenses correctly in sentences, ensuring proper verb forms and subject-verb agreement.</p>	<ul style="list-style-type: none"> ★ Critical thinking Communication skills

		Creative Writing - Letter	Purposeful Writing: Address specific purposes like requests, complaints, or applications effectively	Effective Communication- Students will write clear and concise letters for various purposes.	* Critical thinking Communication skills
2	Marathi	<u>घटक</u> – गद्य <u>उपघटक</u> बीज पेरेले – केवळ) गेलेअपठित उतारा आकलन (	( केवळ अपठित उतारा आकलन)	(केवळ अपठित उतारा आकलन)	* सृजनशीलता*
		<u>घटक</u> – व्याकरण <u>उपघटक</u> – द्वंद्व समास १) समाहार २) इतरेतर ३) वैकल्पिक	* विद्यार्थ्यांना वेगवेगळ्या शब्दांपासून समास कसा तयार करायचा हे शिकता येणे.	* विद्यार्थी दैनंदिन संभाषणातील सामासिक शब्दांचे लेखन करतो	* संवाद कौशल्य* * समस्या निराकरण*
		लेखन पत्रलेखन – (सराव)	* विद्यार्थ्यांना नियमाप्रमाणे सविस्तर पत्रलेखन करता येणे .	* विद्यार्थी वर्गातील बेशिस्तीबाबत वर्गशिक्षकांना तक्रारपत्र लिहितो .	* संवाद कौशल्य
3	Hindi	स्पर्श - आत्मत्राण	* *जीवन में आत्मिक शांति के महत्व से छात्रों को अवगत करना। * *सुख दुख जीवन के दो	* सुख दुख जीवन के दो पहलू हैं यह जानकर जीवन के प्रति सकारात्मक सोच रखना * *आत्मविश्वास के साथ हर	* *समस्या समाधान * *स्व जागृति * *अंतर्व्यक्तिगत संबंध

			पहलू है यह छात्रों को बताना। *आत्मविश्वास की भावना का निर्माण करना।	समस्या का सामना करेंगे	
		संचयन – टोपी शुक्ला	<ul style="list-style-type: none"> * *अपने आपको सदा सही राह पर बनाए रखना। * *सदा जीवन में चैतन्य रखना। *मनुष्य को प्रत्येक प्राणी के प्रति करुणशील होना चाहिए। 	<ul style="list-style-type: none"> * भावुकता व संवेदनशीलता का विकास होगा और * विचार विश्लेषण क्षमता से विचार कर सबसे वैसे ही बर्ताव करेंगे 	<ul style="list-style-type: none"> * अनुकूलशिलता * जटिल समस्याओं के नवीन समाधान सोचने की क्षमता का विकास * *नागरिक और पारिस्थितिक भावना का विकास
		व्याकरण – रचना के आधार पर वाक्य भेद	<ul style="list-style-type: none"> * परिभाषा * उदाहरण * वर्गीकरण * विविध वाक्य 	<ul style="list-style-type: none"> * रचना के आधार पर वाक्य भेद समझकर, पहचानकर अलग करेंगे, समझेंगे, उनका सही प्रयोग करेंगे * भेद जानकर उन भेदों का व्यवहारिक व्याकरण में प्रयोग करेंगे 	<ul style="list-style-type: none"> * संभाषन कौशल * रचनात्मक सोच * समालोचनात्मक सोच * भाषा कौशल
4	Sanskrit	८) सूक्तयः	<ul style="list-style-type: none"> * * छात्रों को मानव जीवन में मातापिता के त्याग के - महत्त्व को बताना तथा जीवन में उत्तम आचरण को अपनाने की शिक्षा ग्रहण करने के लिए प्रेरित कराना। 	<ul style="list-style-type: none"> * छात्र मानव जीवन में माता-पिता के त्याग के महत्त्व को जान पाएँगे, तथा जीवन में उत्तम आचरण को अपनाने की शिक्षा को ग्रहण करेंगे। 	<ul style="list-style-type: none"> * चारित्र्य संपन्नता

		<p>*व्याकरणम्</p> <p>१) समासः - बहुव्रीहिः</p> <p>२) सन्धिः- विसर्गस्य स्थाने स्, श्, ष्</p>	<ul style="list-style-type: none"> * अलग अलग पदों को एक बनाना। * पदों का विग्रह और समस्त पद बनाने में सक्षम कराना। * पदों में सन्धि विच्छेद और सन्धि करने में सक्षम बनाना। * पाठ में सन्धि के उदाहरणों को पहचानकर सन्धि विच्छेद करके अर्थ लगाने में समर्थ करना। 	<ul style="list-style-type: none"> * सामासिक पदों का वाक्य में प्रयोग कर सकेंगे। * पदों में सन्धि विच्छेद और सन्धि कर सकेंगे। 	* भाषा विकास
		<p>*रचनात्मक कार्यम्</p> <p>१) पत्रलेखनम् – औपचारिक</p>	<ul style="list-style-type: none"> * पत्र के प्रारूप को बताना। * विषयानुसार पत्र में शब्दों का प्रयोग बताना। 	<ul style="list-style-type: none"> * छात्र प्रारूप के अनुसार * शब्दों की सहायता से पत्रलेखन करेंगे। 	* रचनात्मक सोच *
5	Science	<p>Physics</p> <p>12- Magnetic Effect of Electric current</p>	<ul style="list-style-type: none"> * To enable the students to- * Understand Household domestic circuit * Know about short circuiting and overloading : Causes 	<ul style="list-style-type: none"> * Students will– * Analyze the significance of neutral, earth and live wire, in order to understand formation of a domestic electrical circuit 	<ul style="list-style-type: none"> * Self awareness * Problem solving

	and precautions * Know the functions of Neutral wire, Earth wire and live wire * Know the function and importance of Fuse in an electric circuit	* Take precautions to avoid overloading and short circuiting	
Chemistry 4- Carbon and it's compounds	* To enable the students to – * *Define combustion, oxidation, hydrogenation, addition and substitution. * *Know about covalent bond, tetra valency, catenation, homologous series and functional group. * Learn electron dot structure and IUPAC	* Students will– * To calculate molecular formula for different carbon compounds. * Appreciate the use of alcohol as a fuel, as an antiseptic in hospitals, as a preservative for biological specimen. * Students will analyse the ill effects of drinking alcohol on society. * Appreciate the use of	* Creative thinking * Problem solving * Logical reasoning * Communicative skills

nomenclature.

soap for washing clothes in soft water and detergent in hard water.

Biology
13- Our
Environment

To enable the students to –

- ★ Classify different waste products as biodegradable or non-biodegradable to assess their effect on environment.
- ★ Tabulate the organisms feeding on one another (producers, consumers, decomposers) & energy transfer between them to form a food chain or a food web.

Students will–

- ★ Explains the various trophic levels of a food chain.
- ★ Construct food chains & food webs from a given list of organisms.
- ★ Understand the intimate association of all biotic & abiotic components in an ecosystem.
- ★ Appreciate the role performed by decomposers in returning the nutrients into the nutrient pool.
- ★ Explain 10% law of

- ★ Communication skill
- ★ Critical thinking
- ★ Creative thinking
- ★ Empathy
- ★ Decision making
- ★ Problem solving
- ★ Collaboration

- ★ Describe the formation & properties of ozone to identify ways to protect it from depletion.
- ★ Categorize biotic & abiotic components & their interaction with each other to describe an ecosystem.

Energy flow and Biological magnification.

- ★ Differentiates materials as biodegradable & non-biodegradable substances.
- ★ Apply learning to hypothetical situations such as avoid using appliances responsible for ozone layer depletion.
- ★ Make efforts to conserve environment realizing the interdependency & interrelationship in the biotic & abiotic factors of environment such as appreciates & promotes segregation of biodegradable & non-

				biodegradable wastes, take steps to promote sustainable management of resources in day to day life, advocate use of fuels which produce less pollutants, use energy efficient electric devices, use fossil fuels judiciously. ★ Enhance creativity by making posters on conservation of environment.	
6	Mathematics	Chapter 9 Some applications of trigonometry.	★ Student will identify line of sight in order to determine angle of elevation and angle of depression. ★ Student will apply trigonometric ratios in	★ Student determines all trigonometric ratios with respect to a given acute angle in order to use them in solving problems in daily life context like finding	★ Logical thinking ★ Critical thinking ★ Problem solving ★ Creative thinking

			order to determine heights and distances of an object.	heights of different structures or distances from them.	
		Chapter 13 Statistics	<ul style="list-style-type: none"> ★ Student will apply direct method, assumed mean method and step deviation method in order to calculate the mean of the group data. ★ Student will compute the mean and mode of the given data in order to interpret the two measures of the central tendency. ★ Students will apply formula for the median of given group data in order to calculate missing values of frequency. 	<ul style="list-style-type: none"> ★ Student calculates mean, median and mode in order to apply them to real life context. 	<ul style="list-style-type: none"> ★ Logical thinking ★ Decision making ★ Critical thinking

- ★ Student will differentiate between mean and median and mode with examples in order to understand most effective measure of central tendency in various cases.

7

Social Science
Geography
 5. Mineral and Energy Resources

- To enable the students to –**
- ★ understand the term minerals, formation of minerals (physical and chemical conditions) and their mode of occurrence.
 - ★ Familiarise with the minerals classified into the heads metallic, non-metallic and energy minerals.
 - ★ understand the need to

- Students will-**
- ★ Differentiate between the conventional and nonconventional sources of energy.
 - ★ Analyses the importance of minerals and natural resources for economic development of the country.
 - ★ Suggests strategies for sustainable use of natural resources.

- ★ Communication skills
- ★ Critical thinking

conserve our mineral resources judiciously.
understand the energy resources
(conventional and non-conventional sources)

- ★ To have sustainable development understanding the need to promote 1037 energy conservation by avoiding wastage, besides increasing the use of renewable energy sources.
- ★ To understand the slogan “Energy saved is energy produced”.

Civics
5.Outcomes of
Democracy

To enable the students to –
★ Examine some of the things we can

Students will –
★ Enumerates how a success of democracy depends on quality of

- ★ Communication skill
- ★ Critical thinking
- ★ creativity

reasonably expect from democracy and examine the record of democracy.

- ★ Will able to understand the importance of people in decision making.
- ★ Appreciate the form of the government which is always account table to the people.
- ★ Comparative analysis of the other forms of the government and find democracy has better outcomes.
- ★ Critically examine the role of democratic government in distribution of goods and opportunities.

government, economic wellbeing, in equality, social differences, conflict, freedom and dignity.

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|--|--|--|--|--|--|
| | | | <ul style="list-style-type: none">★ Able to appreciate that democracy in India has strengthened the case of the disadvantaged and discriminated castes for equal status and equal opportunity.★ Able to understand that every individual wants to receive respect and it is possible with democracy.★ Various dimensions of learning like critical thinking, analytical, comparative, creative etc. will develop habits of mind an ultimate and essential life skill | | |
|--|--|--|--|--|--|

8	Computer	Employability Skills Unit 3 ICT Skills	<p>Student will be able to:</p> <ul style="list-style-type: none"> ★ know about hardware and software and the difference between them. ★ know about the functions of operating systems. ★ know the user interface of Windows Operating System. ★ restore or permanently delete a folder and file. ★ To realise the importance of computer maintenance. 	<p>Student will:</p> <ul style="list-style-type: none"> ★ understand the functions of an operating system. ★ know the types of operating systems. ★ get familiar with Windows 10. understand how to create a new folder and file. ★ know how to rename and delete a folder and file. ★ move or copy folders and files from one drive to another. ★ comprehend the methods to protect a computer against viruses. ★ appreciate the importance of 	<ul style="list-style-type: none"> ★ Communication Skill ★ Problem-Solving
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preparing and
following a regular
maintenance schedule

January

Sr. No.	Subject	Topic/ Chapter / Lesson	Learning Objectives	Learning Outcomes	Life skills
1	English	* Pre-Board Revision			
2	Marathi	* <u>घटक</u> – गद्य * <u>उपघटक</u> – खरा नागरिक * <u>घटक</u> – पद्य * <u>उपघटक</u> – स्वप्न करू साकार * <u>घटक</u> – व्याकरण * <u>उपघटक</u> – द्विगू समास समानार्थी , विरुद्धार्थी , शब्द शब्द * <u>लेखन</u> – कथालेखन	* विद्यार्थ्यांना खरा नागरिक या संकल्पनेवर विचारमंथन करायला प्रवृत्त करणे . * विद्यार्थ्यांना कवितेचा मुलभूत अर्थ व कवितेतील संदेश समजून सांगणे . * विद्यार्थ्यांना संख्यात्मक सामासिक शब्दाची ओळख करून देणे. * विद्यार्थ्यांना कथेचे नियम समजावून सांगणेकथेचे .प्रकार स्पष्ट करणे	* विद्यार्थी समाजातील आपल्या जबाबदाऱ्या व कर्तव्ये जाणून घेतोरस्त्यावर . पडलेले काटे उचलून . बाजूला टाकतो * विद्यार्थी शेतीतील नवीन तंत्रज्ञानाची माहिती घेताना आधुनिक रोटोवेटरच्या कार्याचे निरीक्षण करतो . * विद्यार्थी विविध मासिकांतील लेखातून संख्यावाचक शब्द शोधून त्याची यादी करतो . * विद्यार्थी जुन्या कथांमध्ये	* सामाजिक जाणीवा * समाजशीलता * चिंतनशीलता * निर्णयक्षमता * सृजनशीलता * संवाद कौशल्य * चिकित्सक विचार

				बदल करून नवीन कथानक तयार करतो .	
3	Hindi	स्पर्श - पतझड़ में टूटी पत्तियाँ	*पतझड़ समझाना *प्राकृतिक सौंदर्य पतझड़ में टूटी पत्तियों का चित्र तैयार करना। *छात्रों से उनके अनुभव सुनना	*पतझड़ समझेंगे *प्राकृतिक सौंदर्य पतझड़ में टूटी पत्तियों का चित्र तैयार करेंगे। *छात्रों अपने अनुभव सांझा करेंगे	*ज्ञानार्जन प्रवृत्ति *संभाषन कौशल *रचनात्मक सोच *भाषा कौशल
		व्याकरण – पदबंध	*परिभाषा *उदाहरण *वर्गीकरण *विविध वाक्य	पदबंध समझकर, पहचानकर अलग करेंगे, समझेंगे, उनका सही प्रयोग करेंगे	*संभाषन कौशल *रचनात्मक सोच *समालोचनात्मक सोच *भाषा कौशल
		रचनात्मक लेखन – ई-मेल लेखन	* ई-मेल लेखन के नियम समझाकर शब्दों के सही प्रयोग के आधार से दिए गए विषय पर ई-मेल लेखन कराना	* ई-मेल लेखन के नियम समझकर शब्दों के सही प्रयोग के आधार से दिए गए विषय पर ई-मेल लेखन कराना	*ज्ञानार्जन प्रवृत्ति *संभाषन कौशल *रचनात्मक सोच *भाषा कौशल
		लघु कथा लेखन	* लघु कथा लेखन के नियम समझाकर शब्दों के सही प्रयोग के आधार से दिए गए विषय पर लघु कथा लेखन कराना	* लघु कथा लेखन के नियम समझकर शब्दों के सही प्रयोग के आधार से दिए गए विषय पर लघु कथा लेखन कराना	*ज्ञानार्जन प्रवृत्ति *संभाषन कौशल *रचनात्मक सोच *भाषा कौशल
4	Sanskrit	* व्याकरणम् १त्व - :प्रत्यय (	प्रकृति और प्रत्यय अलग * करने और प्रकृति और प्रत्यय	प्रत्ययों का वाक्य में प्रयोग कर * सकेंगे।	भाषा विकास *

			को एक करने की योग्यता प्राप्त करवाना।		
		रयदा)अव्ययपदानि (, तदा, कदा, सहसा, वृथा, शनै, अपि, कुतः, इतस्ततः, यदितर्हि-, यावत्(तावत्-	छात्रों को अव्यय पदों के अर्थ * बताकर वाक्यप्रयोग करके समझाना।	छात्र अव्यय पदों के अर्थ जानकर वाक्यप्रयोग कर सकेंगे।	भाषा विकास *
		रचनात्मक कार्यम् * १चित्रवर्णनम् (	शब्दों की सहायता से वाक्य * बनाने में समर्थ बनाना। चित्र को देखकर *चित्रवर्णन करने की योग्यता प्राप्त करवाना।	चित्र देखकर उचित शब्दों का * प्रयोग करके वर्णन कर सकेंगे।	* रचनात्मक सोच
5	Science	* Pre-Board Revision			
6	Mathematics	* Pre-Board Revision			
7	Social Science	* Pre-Board Revision			
8	Computer	* Pre-Board Revision			