



**ADRIEL HIGH SCHOOL
POWERED BY PRATAP INTERNATIONAL**

**Affiliated to CBSE
SESSION: 2025-26**

ANNUAL PLANNER

CLASS- VII

ENGLISH

Chapters	Learning Outcomes	Pedagogy	Activities	Resources	Achievements	Gaps Identified	Remedial Measures
The Eyes Have It	Recall details, recite poem with proper modulation	Storytelling, Poem Recitation, Q&A	Describe a train journey from imagination	Textbook, Audio recordings	Improved pronunciation, better comprehension	Difficulty in recalling details, incorrect pronunciation	Red Flag: Repeated listening of the story, pronunciation drills, reading aloud practice. White Flag: Guided discussions on themes, answering comprehension questions with moderate difficulty. Green Flag: Writing a summary in own words with advanced vocabulary, analyzing character motives.
The Cookie Thief (Poem)	Interpret poem, understand message	Poem analysis, Recitation	Identifying and analyzing rhyming words	Poetry books, Visual aids	Improved poetic understanding	Struggle in identifying poetic devices	Red Flag: Identifying rhyming words, understanding simple meanings. White Flag: Guided identification of figures of speech and poetic elements. Green Flag: Writing their own poem with structured rhyming schemes and deeper themes.
The Triumph	Understand facts/events, sportsmanship	Group Discussion, Debate	Create a timeline of major events in the story	Sports articles, Interviews	Improved analytical skills	Difficulty in linking facts	Red Flag: Sorting events in sequence using visual aids. White Flag: Identifying key events in the reading material and writing simple explanations. Green Flag: Writing an analytical essay on sportsmanship, evaluating characters' decisions.
For Athletes (Poem)	Appreciate athlete contributions, analyze poem	Poem Discussion, Reflection	Writing a short tribute to an athlete	Sports magazines, Video clips	Better understanding of sports culture	Difficulty in poetic appreciation	Red Flag: Understanding word meanings and basic poetic structure. White Flag: Discussing themes and analyzing poetic devices with guided examples. Green Flag: Writing a personal reflection on sportsmanship incorporating literary techniques.

Living Out of a Suitcase	Understand nomadic lifestyle, sustainable living	Discussion, Video Analysis	Research and present about a nomadic tribe	Documentaries, Travel blogs	Improved cultural awareness	Struggle in connecting sustainability ideas	Red Flag: Identifying key aspects of nomadic life through visual aids. White Flag: Writing structured comparisons between settled and nomadic lifestyles. Green Flag: Researching and presenting findings on real-life nomadic communities with analysis.
To the Skies and Beyond (Poem)	Interpret poem, power of imagination	Creative Writing, Visual Analysis	Writing a futuristic short story	Artwork, Space videos	Enhanced creative thinking	Difficulty in theme interpretation	Red Flag: Reading and answering basic comprehension questions with teacher support. White Flag: Identifying poetic devices and explaining their role in the poem. Green Flag: Writing a futuristic creative story inspired by the poem's themes.
A Gift of Love	Interpret events, compare past vs present	Case Study, Group Reflection	Writing a letter from past to present	Old literature, News articles	Improved emotional intelligence	Weak historical comparison	Red Flag: Matching historical facts with their modern-day equivalents. White Flag: Writing a structured comparative essay with teacher guidance. Green Flag: Writing a letter as a character from the past, analyzing cultural shifts.
Do It Anyway (Poem)	Compose short poems, understand values	Poetry Writing, Theme Analysis	Writing a free-verse poem on any topic	Motivational books, Videos	Better self-expression	Difficulty in poetic composition	Red Flag: Writing simple rhyming couplets with guidance. White Flag: Creating structured poems with support and analysis of famous poems. Green Flag: Writing a free-verse poem incorporating advanced literary techniques and deeper meaning.
Her Laughter Said It All	Understand differently-abled characters, story adaptation	Role-play, Story Writing	Rewriting a scene from another character's perspective	Disability awareness videos, News reports	Improved empathy and adaptation skills	Difficulty in structuring narrative	Red Flag: Identifying key character traits with support. White Flag: Writing short paragraphs on characters and summarizing key events. Green Flag: Rewriting a scene from a different perspective, focusing on inner emotions and themes.
Postcards from Ura	Compare value of letters vs digital communication	Letter Writing, Discussion	Writing a postcard to a friend	Real letters, Emails	Improved written expression	Confusion between 'made of' vs 'made from'	Red Flag: Practicing the difference between 'made of' and 'made from' using real-life examples. White Flag: Writing simple letters using appropriate sentence structures. Green Flag:

							Writing an in-depth analysis of how communication has evolved over time.
World Peace (Poem)	Understand words related to peace, express thoughts	Group Debate, Creative Writing	Writing a peace resolution for the class	News articles, Poems	Increased awareness of peace themes	Limited vocabulary for peace-related terms	Red Flag: Learning and practicing peace-related vocabulary through word association games. White Flag: Writing a short reflection on the theme of peace with teacher guidance. Green Flag: Writing a persuasive speech on world peace, incorporating rhetorical devices.
Angel Child, Dragon Child	Compare cross-cultural differences, story interpretation	Drama-Based Learning, Group Analysis	Creating a comic strip based on the story	Documentaries, Real-life stories	Better cultural sensitivity	Challenges in interpreting emotions	Red Flag: Identifying key emotions and cultural differences with teacher guidance. White Flag: Writing character summaries and identifying cultural themes. Green Flag: Writing a comparative analysis of two cultures, focusing on social and emotional aspects.
Beautifully Different, Wonderfully Same (Poem)	Analyze diversity, understand unity	Group Discussion, Reflection Writing	Writing about personal experiences with diversity	Cultural stories, Art	Enhanced social awareness	Difficulty in discussing differences	Red Flag: Listing similarities and differences with teacher support. White Flag: Writing structured reflections based on guided prompts. Green Flag: Creating a personal narrative about embracing diversity, incorporating literary elements.
The Eyes Have It	Recall details, recite poem with proper modulation	Storytelling, Poem Recitation, Q&A	Describe a train journey from imagination	Textbook, Audio recordings	Improved pronunciation, better comprehension	Difficulty in recalling details, incorrect pronunciation	Red Flag: Repeated listening of the story, pronunciation drills. White Flag: Guided discussions on themes, answering comprehension questions. Green Flag: Writing a summary in own words with advanced vocabulary.
The Cookie Thief (Poem)	Interpret poem, understand message	Poem analysis, Recitation	Identifying and analyzing rhyming words	Poetry books, Visual aids	Improved poetic understanding	Struggle in identifying poetic devices	Red Flag: Identifying rhyming words and simple meanings. White Flag: Guided identification of figures of speech. Green Flag: Writing own poem with similar structure and poetic devices.
The Triumph	Understand facts/events, sportsmanship	Group Discussion, Debate	Create a timeline of major events in the story	Sports articles, Interviews	Improved analytical skills	Difficulty in linking facts	Red Flag: Timeline-based event sorting. White Flag: Identifying key events in reading. Green flag: Writing a short essay on sportsmanship, analyzing characters' motivations.

For Athletes (Poem)	Appreciate athlete contributions , analyze poem	Poem Discussion, Reflection	Writing a short tribute to an athlete	Sports magazines, Video clips	Better understanding of sports culture	Difficulty in poetic appreciation	Red Flag: Word meaning exercises and basic discussion. White Flag: Poem discussion sessions and guided appreciation. Green Flag: Writing personal reflections on sportsmanship with literary devices.
Living Out of a Suitcase	Understand nomadic lifestyle, sustainable living	Discussion, Video Analysis	Research and present about a nomadic tribe	Documentaries, Travel blogs	Improved cultural awareness	Struggle in connecting sustainability ideas	Red Flag: Matching lifestyle features to real-life examples. White Flag: Comparative essay writing with structured support. Green Flag: Researching a real-life nomadic community and presenting findings.
To the Skies and Beyond (Poem)	Interpret poem, power of imagination	Creative Writing, Visual Analysis	Writing a futuristic short story	Artwork, Space videos	Enhanced creative thinking	Difficulty in theme interpretation	Red Flag: Guided reading with comprehension questions. White Flag: Identifying poetic techniques and themes. Green Flag: Writing a futuristic story with advanced poetic elements.
A Gift of Love	Interpret events, compare past vs present	Case Study, Group Reflection	Writing a letter from past to present	Old literature, News articles	Improved emotional intelligence	Weak historical comparison	Red Flag: Simple timeline matching and fact-based learning. White Flag: Writing structured comparisons with guided practice. Green Flag:: Writing a letter from past to present with deep historical analysis.
Do It Anyway (Poem)	Compose short poems, understand values	Poetry Writing, Theme Analysis	Writing a free-verse poem on any topic	Motivational books, Videos	Better self-expression	Difficulty in poetic composition	Red Flag: Writing simple rhyming couplets with guidance. White Flag: Creating structured poems with teacher support. Green Flag Writing a free-verse poem with advanced themes and self-expression.
Her Laughter Said It All	Understand differently-abled characters, story adaptation	Role-play, Story Writing	Rewriting a scene from another character's perspective	Disability awareness videos, News reports	Improved empathy and adaptation skills	Difficulty in structuring narrative	Red Flag: Identifying key character traits with support. White Flag: Writing short paragraphs on characters with hints. Green Flag: Rewriting a scene from a different perspective with advanced literary techniques.
Postcards from Ura	Compare value of letters vs digital communication	Letter Writing, Discussion	Writing a postcard to a friend	Real letters, Emails	Improved written expression	Confusion between 'made of' vs 'made from'	Red Flag: Identifying differences between 'made of' and 'made from' using examples. White Flag: Writing letters on given topics with structured support. Green Flag: Writing an email explaining the importance of letters, analyzing historical vs modern communication.

World Peace (Poem)	Understand words related to peace, express thoughts	Group Debate, Creative Writing	Writing a peace resolution for the class	News articles, Poems	Increased awareness of peace themes	Limited vocabulary for peace-related terms	Red Flag Word association games and vocabulary-building exercises. White flag: Writing short reflections with structured guidance. Green Flag: Composing a speech on world peace using advanced vocabulary and rhetoric.
Angel Child, Dragon Child	Compare cross-cultural differences, story interpretation	Drama-Based Learning, Group Analysis	Creating a comic strip based on the story	Documentaries, Real-life stories	Better cultural sensitivity	Challenges in interpreting emotions	Red Flag: Identifying key emotions from text with examples. White Flag: Writing character summaries with structured guidance. Green Flag: Writing a comparative analysis of two cultures with deeper insights.
Beautifully Different, Wonderfully Same (Poem)	Analyze diversity, understand unity	Group Discussion, Reflection Writing	Writing about personal experiences with diversity	Cultural stories, Art	Enhanced social awareness	Difficulty in discussing differences	Red Flag: Listing similarities & differences with teacher support. White Flag: Writing reflections based on guided prompts. Green Flag: Creating a personal story about embracing diversity with deep analysis.

ENGLISH GRAMMAR							
Tenses, Formal Letter Writing	Correct usage of tenses, structuring formal letters	Explanation, Practice Worksheets	Writing formal letters based on real-life situations	Textbook, Sample Letters	Improved sentence formation	Difficulty in tense consistency and letter format	Red Flag: Basic fill-in-the-blanks for tenses, sentence correction. White Flag: Guided letter writing practice. Green Flag: Writing formal letters with advanced vocabulary and multiple tenses.
Adjectives, Adverbs, Clauses	Identify and apply adjectives, adverbs, and clauses	Sentence Formation, Group Work	Creating descriptive sentences and identifying clauses	Flashcards, Exercises	Enhanced descriptive writing	Confusion in differentiating adverbs and adjectives	Red Flag: Sorting adjectives and adverbs from sentences. White Flag: Writing exercises with hints. Green Flag: Composing detailed paragraphs using adjectives and adverbs effectively.
Direct and Indirect Speech	Convert direct to indirect	Role-play, Sentence Transformation	Creating dialogues and	Conversation scripts, Storybooks	Improved reported speech skills	Errors in changing tenses in indirect speech	Red Flag: Basic direct-indirect conversion worksheets. White Flag: Identifying errors in reported speech.

	speech and vice versa		converting them				Green Flag: Writing a short story using both speech types.
Writing: Poster Making	Create visually appealing and informative posters	Visual Learning, Creative Thinking	Designing posters on social awareness topics	Magazines, Chart Paper	Improved creativity and message delivery	Lack of clarity in messaging	Red Flag: Basic poster design with labels. White Flag: Structuring posters with proper content. Green Flag: Creating persuasive posters with slogans and unique designs.
Pronoun, Countable & Uncountable Nouns	Correct usage of pronouns and understanding nouns	Sentence Formation, Games	Identifying and using pronouns in sentences	Worksheets, Games	Better understanding of noun classification	Confusion in subject-verb agreement with pronouns	Red Flag: Basic exercises on subject-verb agreement. White Flag: Gap-filling exercises. Green Flag: Writing short essays with varied pronouns.
Notice Writing and Informal Letter Writing	Format and purpose of notices and informal letters	Sample Analysis, Peer Review	Drafting a notice and writing an informal letter	Samples, Templates	Enhanced written communication	Difficulty in maintaining the correct format	Red Flag: Recognizing components of a notice. White Flag: Editing and improving existing notices. Green Flag: Writing creative informal letters with proper structure.
Types of Sentences	Identify and construct different sentence types	Classification Activities, Sorting Exercises	Writing different sentence types	Worksheets, Visual Aids	Better structured sentence formation	Errors in punctuating different sentence types	Red Flag: Identifying sentence types with examples. White Flag: Constructing meaningful sentences Green Flag: Writing engaging short paragraphs using varied sentence types.
Articles, Prepositions, Conjunctions	Correct use of articles, prepositions, and conjunctions	Sentence Construction, Cloze Tests	Gap-filling exercises	Flashcards, Interactive Games	Improved sentence structuring	Common errors in article and preposition placement	Red Flag: Fill-in-the-blank activities. White Flag: Sentence improvement tasks. Green Flag: Writing a passage incorporating articles, prepositions, and conjunctions.

Writing: Advertise ment, Paragraph Writing	Structuring creative advertiseme nts and paragraphs	Brainstor ming, Writing Exercises	Designing an ad for a product, composing short paragraphs	Magazines, Newspapers	Better creativity and persuasive skills	Lack of clarity in advertisement content	Red Flag: Basic ad creation with given templates White Flag: Structuring paragraphs with clear ideas. Green Flag: Writing persuasive advertisements with engaging language.
Adverbs, Picture Compositi on	Use adverbs correctly and develop descriptive writing	Visual Learning, Storytellin g	Describing images in writing	Picture Prompts, Dictionaries	Improved descriptive writing	Limited vocabulary, weak sentence formation	Red Flag: Vocabulary-building exercises. White Flag: Writing simple picture descriptions. Green Flag: Creating a fictional story based on an image.
Direct and Indirect Speech	Understand and apply rules of reported speech	Practice Drills, Storytellin g	Converting dialogues from stories	Storybooks, Worksheets	Better narrative skills	Struggle with tense changes	Red Flag: Simple direct-to-indirect conversion drills. White Flag: Correcting mistakes in reported speech. Green Flag: Writing a story using a mix of both speech types.
Diary Entry	Express thoughts creatively in a diary format	Reflection Writing, Peer Sharing	Writing personal diary entries on different topics	Model Diary Entries, Personal Experiences	Improved self-expression	Difficulty in maintaining a personal tone	Red Flag: Writing guided diary entries with prompts. White Flag: Writing diary entries with structured feedback. Green Flag: Writing a diary entry from a historical character's perspective.
Essay Writing	Structuring essays with clear introductions and conclusions	Brainstor ming, Mind Mapping	Writing essays on different themes	Essay Samples, Worksheets	Stronger analytical thinking	Lack of coherence in arguments	Red Flag: Identifying and organizing ideas. White Flag: Writing simple structured essays. Green Flag: Composing detailed argumentative essays with evidence.
Modal Verbs	Understandi ng and applying	Sentence Formatio	Writing sentences	Grammar Books, Worksheets	More accurate sentence construction	Confusion in modal verb usage	Red Flag: Simple exercises to identify modals. White Flag: Sentence transformation using modals.

	modal verbs correctly	n, Role-Playing	using modal verbs				Green Flag: Writing a short speech using modal verbs effectively.
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Chapter Name	Learning Outcomes	Pedagogy	Activities	Resource	Achievements	Gap Identified	Remedial
आत्म-चिंतन	आत्मनिरीक्षण का महत्व, अनुभवों को व्यक्त करने की क्षमता	संवाद आधारित शिक्षण	निबंध लेखन	संदर्भ पुस्तकें	आत्म-अभिव्यक्ति में सुधार	आत्मचिंतन को समझने में कठिनाई	Red Flag: चित्र आधारित लेखन White Flag: समूह चर्चा Green Flag: स्वतंत्र लेखन
देश गीत	देशभक्ति की भावना, कविता की भाषा शैली	काव्य-पाठ एवं चर्चा	कविता गायन	ऑडियो-वीडियो क्लिप	कविता की संरचना व भावार्थ	कविता की लय ग्रहण करने में कठिनाई	Red Flag: कविता पठन अभ्यास White Flag: कविता की व्याख्या Green Flag: कविता लेखन
मेरा बचपन	आत्मकथात्मक लेखन शैली, घटनाओं को व्यक्त करने की क्षमता	कहानी चर्चा	बचपन की यादों पर चर्चा	व्यक्तिगत अनुभव	आत्मकथात्मक लेखन में रुचि	भावनाओं को व्यक्त करने में कठिनाई	Red Flag: चित्र वर्णन White Flag: अनुच्छेद लेखन Green Flag: आत्मकथा लेखन
सयानी बुआ	सामाजिक मुद्दों की समझ, नाट्य रूपांतरण की क्षमता	नाट्य रूपांतरण	कहानी का नाटक	मंचन सामग्री	कहानी के पात्रों की समझ	पात्रों की भूमिका निभाने में कठिनाई	Red Flag: पात्रों का परिचय White Flag: संवाद अभ्यास Green Flag: नाटक लेखन
आश्रम की स्थापना	ऐतिहासिक घटनाओं की समझ, स्वतंत्रता संग्राम की जानकारी	दृश्य-श्रव्य शिक्षण	स्वतंत्रता संग्राम पर प्रस्तुति	डॉक्यूमेंट्री फिल्म	ऐतिहासिक घटनाओं से जुड़ाव बढ़ेगा	स्वतंत्रता संग्राम की घटनाओं को क्रमबद्ध करना मुश्किल	Red Flag: चित्रों द्वारा समझाना White Flag: समूह चर्चा Green Flag: प्रोजेक्ट कार्य
अंतिम कक्षा	शिक्षा के महत्व को समझना, परीक्षा के तनाव से निपटना	समूह चर्चा	परीक्षा अनुभव साझा करना	शिक्षकों के अनुभव	परीक्षा के प्रति सकारात्मक दृष्टिकोण	परीक्षा तनाव को प्रबंधित करने में कठिनाई	Red Flag: प्रेरणात्मक वीडियो White Flag: चर्चा Green Flag: निबंध लेखन

कुंडलिया	कुंडलिया छंद की विशेषताएँ, रचनात्मक लेखन कौशल	छंद-वाचन	कुंडलिया छंद की रचना	कविता संग्रह	छंद लेखन में सुधार	छंद की शिल्पगत विशेषताओं को समझने में कठिनाई	Red Flag: छंद पठन अभ्यास White Flag: उदाहरण व्याख्या Green Flag: छंद लेखन
बाबा जसवंत	ऐतिहासिक व्यक्तित्वों की समझ, जीवन मूल्य	व्याख्यान एवं चर्चा	जीवनी लेखन	प्रेरणादायक पुस्तकें	ऐतिहासिक व्यक्तित्वों से प्रेरणा	ऐतिहासिक संदर्भ को सही से समझने में कठिनाई	Red Flag: चित्र परिचय White Flag: जीवन चरित्र अध्ययन Green Flag: निबंध लेखन
हार! यह क्या बला है!	असफलता से सीखने की प्रेरणा, आत्मविश्लेषण क्षमता	प्रेरणात्मक शिक्षण	असफलता पर निबंध लेखन	जीवन संघर्ष की कहानियाँ	आत्म-उन्नति के प्रति जागरूकता	असफलता को सकारात्मक रूप में देखने में कठिनाई	Red Flag: प्रेरणात्मक कहानियाँ White Flag: चर्चा Green Flag: आत्मकथात्मक लेखन
भैंस	हास्य रस की समझ, लोक साहित्य से परिचय	हास्य लेखन	हास्य प्रसंगों की प्रस्तुति	हास्य संग्रह	भाषा की जीवंतता को समझेंगे	हास्य के व्यंग्यात्मक पक्ष को समझने में कठिनाई	Red Flag: हास्य पाठन अभ्यास White Flag: हास्य चर्चा Green Flag: हास्य लेखन
ग्रीटिंग कार्ड और राशन कार्ड	सरकारी दस्तावेजों की जानकारी, दैनिक जीवन में उपयोग	व्यावहारिक शिक्षण	कार्ड बनाना एवं उपयोगिता समझना	वास्तविक दस्तावेज़	सरकारी दस्तावेजों की महत्ता को जानेंगे	सरकारी प्रक्रियाओं को समझने में कठिनाई	Red Flag: सरल उदाहरण White Flag: चर्चा Green Flag: स्वयं कार्ड बनाना
घृणा का गान	नकारात्मक भावनाओं के प्रभाव, सहिष्णुता का विकास	कहानी पर चर्चा	भावनात्मक अभिव्यक्ति पर परिचर्चा	सामाजिक अध्ययन की पुस्तकें	सहिष्णुता और सौहार्द्र का विकास	नकारात्मकता को दूर करने में कठिनाई	Red Flag: सकारात्मक कहानियाँ White Flag: समूह चर्चा Green Flag: निबंध लेखन
मैसूर के राजा को पत्र	पत्र लेखन कौशल, ऐतिहासिक संदर्भों की जानकारी	पत्र लेखन अभ्यास	ऐतिहासिक पात्रों को पत्र लिखना	ऐतिहासिक दस्तावेज़	औपचारिक पत्र लेखन में सुधार	ऐतिहासिक संदर्भ को पत्र लेखन में जोड़ने में कठिनाई	Red Flag: उदाहरण पत्र पढ़ना White Flag: पत्र संरचना पर चर्चा Green Flag: पत्र लेखन
कोई नहीं पराया	समानता की भावना, परोपकार की महत्ता	प्रेरणात्मक शिक्षण	सहायता पर आधारित गतिविधि	प्रेरणादायक कहानियाँ	सामाजिक समरसता में वृद्धि	सामाजिक समस्याओं को गहराई से समझने में कठिनाई	Red Flag: प्रेरक प्रसंग White Flag: समूह चर्चा Green Flag: सेवा कार्य

रूत वसंत	ऋतु परिवर्तन का प्रभाव, प्रकृति के प्रति संवेदनशीलता	प्रकृति अवलोकन	वसंत ऋतु पर कविता लेखन	पर्यावरण अध्ययन	ऋतु परिवर्तन को करीब से जानेंगे	पर्यावरणीय प्रभावों को समझने में कठिनाई	Red Flag: चित्र अवलोकन White Flag: चर्चा Green Flag: कविता लेखन
स्कूल चलो	शिक्षा का महत्व, विद्यालय में उपस्थिति की आदत	प्रेरणात्मक कहानियाँ	शिक्षा पर पोस्टर बनाना	सामाजिक जागरूकता सामग्री	शिक्षा के प्रति जागरूकता	शिक्षा की बाधाओं को पहचानने में कठिनाई	Red Flag: कहानी सुनाना White Flag: समूह चर्चा Green Flag: पोस्टर लेखन
कृत्रिम बुद्धि	आधुनिक तकनीक की समझ, एआई के लाभ और चुनौतियाँ	प्रोजेक्ट आधारित शिक्षण	एआई का परिचय एवं प्रोजेक्ट कार्य	टेक्नोलॉजी रिसोर्सेज	तकनीकी कौशल में वृद्धि	एआई की जटिलताओं को समझने में कठिनाई	Red Flag: सरल उदाहरण White Flag: चर्चा Green Flag: प्रोजेक्ट कार्य
संज्ञा	संज्ञा के प्रकारों को पहचानना। वाक्यों में संज्ञा का सही प्रयोग करना।	संवादात्मक शिक्षण, उदाहरण-आधारित व्याख्या	संज्ञा के प्रकारों पर समूह चर्चा, अभ्यास प्रश्न	पाठ्यपुस्तक, कार्यपत्र, चित्र	विद्यार्थी संज्ञा और उसके प्रकारों की पहचान कर सकेंगे।	संज्ञा और सर्वनाम में भ्रम की स्थिति उत्पन्न होना।	Red Flag - चित्र देखकर संज्ञा की पहचान। White Flag - वाक्यों में संज्ञा का प्रयोग कर अभ्यास। Green Flag - संज्ञा पर छोटे-छोटे लेख लिखवाना।
संधि	संधि के प्रकारों को पहचानना। संधि-विच्छेद करने की क्षमता विकसित करना।	उदाहरण-आधारित शिक्षण, व्याख्यान	शब्दों का संधि-विच्छेद, कक्षा में मौखिक अभ्यास	पाठ्यपुस्तक, वर्कशीट	विद्यार्थी संधि को पहचानकर उसका सही उपयोग कर सकेंगे।	कुछ छात्रों को संधि-विच्छेद करने में कठिनाई हो सकती है।	Red Flag - संधि के शब्दों को जोड़कर अभ्यास। White Flag - दिए गए शब्दों का संधि-विच्छेद करना। Green Flag - कठिन संधि शब्दों को प्रयोग में लाना।
सर्वनाम	सर्वनाम के प्रकारों को पहचानना। संज्ञा और सर्वनाम का अंतर समझना।	संवादात्मक शिक्षण, व्याख्यान	वाक्यों में सर्वनाम की पहचान, अभ्यास कार्य	पाठ्यपुस्तक, वर्कशीट	विद्यार्थी सर्वनाम के सही प्रयोग में सक्षम होंगे।	संज्ञा और सर्वनाम में भ्रम।	Red Flag - चित्रों की मदद से पहचान। White Flag - वाक्य प्रयोग अभ्यास। Green Flag - निबंधों में सर्वनाम का प्रयोग।
विशेषण	विशेषण के प्रकारों की पहचान करना। वाक्यों में विशेषणों का	क्रियाशील शिक्षण, समूह चर्चा	विशेषणों की पहचान के लिए वाक्य निर्माण गतिविधि	पाठ्यपुस्तक, फ्लैशकार्ड	छात्र विशेषण का उचित प्रयोग कर सकेंगे।	संज्ञा और विशेषण में भेद करने में कठिनाई।	Red Flag - चित्र देखकर विशेषण पहचानना। White Flag - वाक्यों में विशेषण जोड़ना। Green Flag - विशेषणों का रचनात्मक प्रयोग कर कहानी लिखना।

	सही प्रयोग करना।						
क्रिया	क्रिया के प्रकारों को समझना। सही क्रियाओं का प्रयोग करना।	गतिविधि-आधारित शिक्षण	वाक्यों में क्रिया पहचानने का अभ्यास	पाठ्यपुस्तक, वर्कशीट	विद्यार्थी क्रिया के प्रकारों को समझ सकेंगे।	सहायक क्रियाओं में भ्रम।	Red Flag - क्रिया पहचान गतिविधियाँ। White Flag - वाक्य सुधार गतिविधियाँ। Green Flag - संवाद लेखन।
काल	भूत, वर्तमान और भविष्य काल को पहचानना। सही काल का प्रयोग करना।	उदाहरण-आधारित शिक्षण	अभ्यास प्रश्न, समय-रेखा गतिविधि	पाठ्यपुस्तक, चार्ट	विद्यार्थी काल को सही तरीके से प्रयोग कर सकेंगे।	भूत और वर्तमान काल में भ्रम।	Red Flag - चित्र आधारित पहचान। White Flag - काल परिवर्तित करके वाक्य सुधार। Green Flag - कहानी लेखन।
समास	समास के प्रकारों को समझना। समास-विग्रह करने में सक्षम होना।	उदाहरण-आधारित शिक्षण, व्याख्यान	शब्दों का समास-विग्रह करना, अभ्यास प्रश्न	पाठ्यपुस्तक, चार्ट	विद्यार्थी समास और समास-विग्रह को समझ सकेंगे।	समास के विभिन्न प्रकारों में भेद करने में कठिनाई।	Red Flag - सरल शब्दों का समास बनाना। White Flag - समास-विग्रह का अभ्यास। Green Flag - कठिन समास शब्दों के उपयोग से वाक्य बनाना।
वाक्य	वाक्य संरचना को समझना। सही प्रकार से वाक्य निर्माण करना।	संवादात्मक शिक्षण, अभ्यास आधारित	वाक्य सुधार, पुनर्गठन गतिविधियाँ	पाठ्यपुस्तक, चार्ट	विद्यार्थी सही वाक्य बना सकेंगे।	वाक्य में त्रुटियाँ।	Red Flag - छोटे वाक्य बनाना। White Flag - वाक्य पुनर्गठन। Green Flag - कहानी या संवाद लेखन।
अलंकार	अलंकारों को पहचानना। काव्य में अलंकारों का प्रयोग करना।	उदाहरण-आधारित शिक्षण	काव्य पंक्तियों में अलंकार पहचानना	काव्य संग्रह, पाठ्यपुस्तक	विद्यार्थी अलंकारों को पहचान सकेंगे।	रूपक और उपमा में भ्रम।	Red Flag - सरल उदाहरणों से परिचय। White Flag - काव्य विश्लेषण। Green Flag - कविता लेखन।
पत्र लेखन	औपचारिक व अनौपचारिक पत्र लिखना।	उदाहरण और अभ्यास	पत्र लेखन अभ्यास	पाठ्यपुस्तक, नमूने	विद्यार्थी पत्र लेखन में सक्षम होंगे।	पत्र प्रारूप में त्रुटियाँ।	Red Flag - अनुच्छेद लेखन। White Flag - प्रारूप सुधार। Green Flag - पत्र प्रतियोगिता।

FRENCH

Chapter	Learning Outcomes (2 per chapter)	Pedagogy to be Used	Activities	Resources	Achievements (At Completion)	Gaps Identified	Remedial (Red, White, Green Flag)
Vous connaissez la France ?	Identify facts about France. Describe French culture and symbols.	Map work, videos, presentations	Create a 'France Fact Sheet'	Maps, cultural videos	Better understanding of France's culture and geography	Confusion between regions and cultural aspects	Red: Map labeling activity White: Class quiz on France Green: Present a cultural project on France
Une nouvelle année d'apprentissage	Use vocabulary related to school year. Describe personal learning goals.	Role play, peer discussions	Prepare 'My Learning Goals' chart	Worksheets, vocabulary lists	Confidently describe learning goals	Difficulty expressing learning preferences	Red: Sentence building with goals White: Pair discussion on goals Green: Write an essay about new school year aspirations
Les rêves et les ambitions de la famille	Talk about family members' dreams. Use future tense accurately.	Storytelling, peer interviews	Interview a classmate about family ambitions	Flashcards, family templates	Express future plans with accuracy	Confusion using future tense	Red: Tense identification exercise White: Peer interviews Green: Write a 'My Family's Dreams' presentation
Une journée bien chargée	Describe a busy daily schedule. Use time expressions correctly.	Visual aids, diary writing	Create a timetable for a busy day	Timetable templates, flashcards	Confidently describe daily routine	Misuse of time expressions	Red: Time vocabulary matching White: Peer diary exchange Green: Write and present 'My Busiest Day' essay
Une excursion au zoo	Describe animals and zoo visits. Use	Picture-based	Create a zoo guide in French	Animal pictures, flashcards	Use descriptive language confidently	Difficulty using correct adjectives	Red: Animal-adjective matching White: Describe partner's favorite animal

	descriptive adjectives.	learning, storytelling					Green: Write a French brochure for a zoo tour
Le jour du shopping	Talk about shopping experiences. Use shopping and currency vocabulary.	Role play, mock shopping activity	Create a shopping list in French	Shopping flyers, realia	Confidently hold basic shopping conversations	Confusion with currency and item vocabulary	Red: Price tag reading exercise White: Peer mock shopping role play Green: Write and present 'My Shopping Experience'
Où se trouve le collège Jean Renoir ?	Give and follow directions. Use prepositions of place.	Map reading, pair practice	Create a map with directions	Map templates, direction flashcards	Give and understand directions accurately	Difficulty with prepositions	Red: Preposition-location matching White: Peer direction practice Green: Create and present map tour for school
Protégeons notre environnement !	Discuss environmental issues. Suggest ways to protect nature.	Group discussions, eco-projects	Create a 'Green Rules' poster	Eco-themed videos, worksheets	Awareness of environmental vocabulary	Difficulty linking problems to solutions	Red: Match problems to solutions White: Peer discussion on eco-tips Green: Write a speech on saving the planet
Une fête inoubliable	Describe a memorable celebration. Use past tense correctly.	Storytelling, visual aids	Write about 'My Best Celebration'	Picture prompts, templates	Use past tense accurately in descriptions	Confusion with past tense forms	Red: Past tense verb matching White: Peer story swap Green: Present a slideshow on best celebration
Une belle soirée	Narrate evening events. Use descriptive phrases.	Role play, sequencing activities	Sequence 'An Evening Story'	Flashcards, picture cards	Improved sequencing and narration skills	Difficulty with event sequencing	Red: Event order game White: Peer story correction Green: Write and perform a skit on an evening outing

Allons vite au stade !	Discuss sports events. Use sports vocabulary correctly.	Audio-visual aids, storytelling	Narrate a sports day experience	Sports videos, word banks	Confidently describe sports events	Confusion between sport names and actions	Red: Sport-action matching White: Peer description exchange Green: Write and present 'My Favorite Sport Event'
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**CLASS- VII
MATHS**

Chapter	Learning Outcomes	Pedagogy	Activities	Resources	Achievements	Gaps Identified	Remedials
I. Integers No. of periods 08	Understand the concept of integers (positive and negative numbers). Perform basic operations on integers. Represent integers on a number line	Use real-world examples like temperatures, bank balances, and elevation to explain positive and negative integers. Visual aids like number lines to help students understand operations.	Number line exercises for addition and subtraction. Real-life word problems involving integers (e.g., temperature changes). Integer bingo or card games.	Number lines, interactive online tools, temperature charts, coins (for visualization of negative/positive numbers).	Students can perform operations with integers correctly. Can represent integers on a number line..	Difficulty understanding the operations involving negative numbers (e.g., multiplying/dividing negative numbers).	- Green Flag: More visual representation of integer operations. - White Flag: Practice with number line exercises for addition, subtraction, and understanding multiplication - Red Flag: Worksheet on basic problems
II. Fractions and Decimals	Understand the concept of fractions	□ Use visual aids such as fraction	Fraction and decimal	Fraction circles, decimal grids,	Students can convert between fractions and decimals.	Difficulty in adding and subtracting fractions with	- Green Flag: Decimal operation drills, emphasizing place value.. - White Flag: Practice exercises for finding common denominators.

No. of periods 13	<p>and decimals.</p> <p>Convert between fractions and decimals.</p> <p>Perform operations (addition, subtraction, multiplication, and division) with fractions and decimals.</p>	<p>circles, number lines, and grids to help students visualize fractions and decimals.</p> <p>□ Connect real-life examples (e.g., money) to demonstrate decimals and fractions.</p>	<p>conversion games.</p> <p>Practical exercises (e.g., sharing pizzas, using money for decimals).</p> <p>Group work for comparing fractions and decimals.</p>	<p>measuring cups, online calculators.</p>	<p>Understanding operations with fractions and decimals..</p>	<p>different denominators.</p> <p>Struggles with decimal operations.</p>	<p>- Red Flag: Worksheet on decimal problem.</p>
III. Data Handling No. of periods 11	<p>Understand the process of collecting, organizing, and representing data.</p> <p>Create and interpret bar graphs, pie charts, and pictographs..</p>	<p>Emphasize real-life data collection (e.g., surveys) and teach representation through graphs.</p> <p>Use visual tools for presenting data in different forms.</p>	<p>Collecting data from the class and representing it on graphs.</p> <p>Creating and interpreting bar graphs, pie charts, and pictographs ..</p>	<p>Graph paper, online graphing tools, data collection templates.</p>	<p>Ability to collect, organize, and represent data in different forms.</p> <p>Interpreting data from various graphs.</p>	<p>Struggles with interpreting complex data sets.</p> <p>Difficulty drawing conclusions from data visualizations.</p>	<p>- Green Flag: Real life based examples.</p> <p>- White Flag: Provide step-by-step guides for interpreting graphs..</p> <p>- Red Flag: Practice with simpler data sets to help with analysis.</p>

IV. Simple Equations No. of periods 09	<p>Understand the concept of variables and simple equations.</p> <p>Solve simple linear equations..</p>	<p>Introduce equations through real-life situations (e.g., balancing scales, shopping scenarios).</p> <p>Use hands-on activities to build a conceptual understanding..</p>	<p>Solving equations with manipulatives (e.g., algebra tiles).</p> <p>Group exercises for solving real-world problems using equations.</p>	<p>Algebra tiles, worksheets, online equation-solving tools..</p>	<p>Ability to solve simple linear equations.</p> <p>Conceptual understanding of variables and their manipulation..</p>	<p>Difficulty isolating the variable.</p> <p>Struggles with word problems and setting up equations.</p>	<p>- Green Flag: Focus on problem-solving strategies for word problems.</p> <p>- White Flag: Provide step-by-step exercises for solving simple equations.</p> <p>- Red Flag: Emphasizing on simple questions.</p>
V. Lines and Angles No. of periods 09	<p>Understand different types of lines (parallel, intersecting) and angles (acute, obtuse, right).</p> <p>Measure and construct angles..</p>	<p>Use hands-on activities and geometric tools like protractors and rulers.</p> <p>Visual demonstrations to help students understand the relationships between lines and angles.</p>	<p>Drawing and measuring different types of angles.</p> <p>Identifying parallel and perpendicular lines in real-world objects.</p>	<p>Protractors, rulers, interactive geometry tools, online apps.</p>	<p>Ability to classify angles and lines.</p> <p>Ability to measure and construct angles accurately.</p>	<p>Difficulty in measuring and constructing angles correctly.</p> <p>Confusion between types of angles (e.g., acute, obtuse)..</p>	<p>- Green Flag: Practice on typical questions</p> <p>- White Flag: Focused practice with angle construction..</p> <p>- Red Flag: Provide worksheets with different types of angles for classification and measurement</p>
VI. Triangles and It's Properties	<p>Understand different types of</p>	<p>Use physical models (e.g., cut-out</p>	<p>Sorting triangles by</p>	<p>Triangle cut-outs, online</p>	<p>Ability to classify triangles based on side</p>	<p>Difficulty identifying types of</p>	<p>- Green Flag: Competency questions on daily life.</p> <p>- White Flag: Practice with visual aids and</p>

No. of periods 10	triangles (equilateral, isosceles, scalene). Explore the properties of triangles, including the Pythagorean theorem.	triangles) to explore properties. Demonstrate triangle construction and properties with real-life applications.	their properties. Real-life examples of triangles (e.g., in architecture or nature).	geometry tools, measuring tapes.	lengths and angles. Understanding of key properties like the sum of angles in a triangle..	triangles based on properties. Struggles with the Pythagorean theorem	examples of different triangle types. - Red Flag: Step-by-step practice with the Pythagorean theorem
VIII Comparing Quantities No. of periods 16	Understand the concept of ratios, percentages, and profit/loss. Solve problems involving comparisons of quantities..	Use real-life situations (e.g., shopping, cooking) to demonstrate ratios and percentages. Visual tools like pie charts to demonstrate comparisons.	Percentage-based problems using real-world examples. Ratio comparison challenges using different scenarios (e.g., recipe scaling)	Interactive percentage calculators, ratio charts, real-world examples..	Ability to solve problems involving ratios, percentages, and comparisons..	Struggles with calculating percentages and converting ratios.	- Green Flag: Provide real-life examples to help contextualize the concept - White Flag: Learning of all types of formulas. - Red Flag: Practice with simple percentage and ratio problems.
IX. Rational numbers No. of periods 12	Understand the concept of rational numbers. Perform operations on rational numbers (addition, subtraction, multiplicatio	Use number lines and visual models to help students understand rational numbers. Provide hands-on practice with	Practice problems with positive and negative fractions and decimals. Group exercises	Number lines, rational number charts, online math tools..	Ability to work with rational numbers and perform basic operations.	Difficulty in simplifying rational numbers and performing operations.	- Green Flag: Word problems - worksheet. - White Flag: Visual aids for comparing rational numbers.. - Red Flag: More practice with simplification and basic operations

	n, and division).	comparing and simplifying rational numbers	for comparing and simplifying rational numbers.				
XI. Perimeter and Area No. of periods 13	<p>Understand and calculate the perimeter and area of basic geometric shapes.</p> <p>Apply formulas for perimeter and area..</p>	<p>Demonstrate with hands-on activities like measuring classroom objects.</p> <p>Use real-world examples (e.g., fencing a garden, painting a wall).</p>	<p>Measuring perimeter and area of various shapes.</p> <p>Group work to solve real-world perimeter and area problems</p>	<p>Measuring tapes, rulers, online perimeter/area calculators.</p>	<p>Ability to calculate perimeter and area for different shapes.</p> <p>Application of formulas in real-life scenarios..</p>	<p>Confusion about the formulas for irregular shapes.</p>	<p>- Green Flag: Hard questions practice.</p> <p>- White Flag: Visual aids for understanding complex shapes.</p> <p>- Red Flag: Practice with irregular shapes and step-by-step formula breakdown.</p>
XII. Algebraic Expressions No. of periods 09	<p>Understand the concept of variables and algebraic expressions.</p> <p>Simplify and evaluate expressions.</p>	<p>Introduce algebra through concrete examples (e.g., balance scales).</p> <p>Teach students to recognize and manipulate terms in algebraic expressions.</p>	<p>Simplifying expressions with hands-on activities.</p> <p>Group work to evaluate expressions based on given values.</p>	<p>Algebra tiles, worksheets, online tools for algebraic operations.</p>	<p>Ability to simplify and evaluate algebraic expressions..</p>	<p>Difficulty with identifying like terms and simplifying expressions.</p>	<p>- Green Flag: Research state properties.</p> <p>- White Flag:</p> <p>Provide exercises on combining like terms.</p> <p>- Red Flag: Practice simplifying expressions step-by-step</p>

XIII. Exponents and Powers No. of periods 10	1. Identify bones and muscles. 2. Explain their functions.	- Observe body movements.	Create a skeleton model.	- Cardboard, strings, anatomy models.	Students will be able to identify major bones and muscles and explain their functions.	Difficulty in remembering bone names.	- Green Flag: Discuss bone diseases. - White Flag: Label bones and muscles. - Red Flag: Identify bones from diagram.
XIV. Symmetry No. of periods 06	Understand line and rotational symmetry. Identify symmetrical shapes and patterns.	Use mirrors and drawing tools to demonstrate symmetry. Teach through real-world examples of symmetry in nature and design..	Drawing symmetrical patterns and shapes. Using mirrors to explore rotational symmetry..	Mirrors, drawing tools, symmetry worksheets.	Ability to identify and create symmetrical shapes..	Difficulty with rotational symmetry.	- Green Flag: Provide real-life examples to reinforce symmetry concepts. - White Flag: Examples for 2d and 3d - Red Flag: Practice using mirrors for rotational symmetry.
XV. Visualising Solid Shapes No. of periods 07	Understand 3D shapes and their properties. Visualize and identify different solid shapes..	Use hands-on activities with 3D models. Teach through real-world examples (e.g., architectural designs).	Building 3D shapes using clay or paper. Exploring properties of 3D shapes through group discussions.	3D models, clay, paper, online visualization tools.	Ability to identify and visualize solid shapes in space..	Difficulty understanding the properties of 3D shapes.	- Green Flag: More hands-on activities building and exploring 3D shapes.. - White Flag: Provide real-life context for understanding solid shapes. - Red Flag: Reintroduce 2D and 3D shapes.

SCIENCE

Chapter Name	Learning Outcomes	Pedagogy	Activities	Resources	Achievements	Gap Identified	Remedial Activities
Chapter 1: Nutrition in Plants No. Of periods:- 6	Students will understand the process of photosynthesis, different modes of nutrition in plants, and their importance.	Inquiry-based learning, discussions.	Demonstration of photosynthesis using a potted plant, experiments on starch presence, discussion on parasitic plants.	Potted plant, iodine solution, charts on plant nutrition.	Students will be able to explain photosynthesis and different plant nutrition types.	Difficulty in demonstrating photosynthesis practically due to time constraints and environmental conditions.	Red Flag: Flashcards and visual aids; White Flag: Group discussions and Q&A; Green Flag: Research on plant adaptations and presentation.
Chapter 2: Nutrition in Animals No. Of periods:- 7	Understanding the human digestive system, different types of feeding habits in animals.	Concept mapping, model-making.	Model-making of the digestive system, videos on digestion, group discussions.	Clay/model materials, videos, diagrams.	Students will understand the digestive process and different animal feeding habits.	Complexity in explaining the entire digestive system through models; students find it hard to visualize digestion.	Red Flag: Labelling digestive system diagrams; White Flag: Role-playing the digestive process; Green Flag: Preparing a presentation on nutrient absorption.
Chapter 3: Heat No. Of periods:- 6	Understanding heat transfer, temperature measurement, and heat effects.	Experimental learning, real-world connections.	Thermometer usage demonstration, conduction-convection-radiation experiments, real-life applications.	Thermometer, metal rods, heat sources.	Students will learn different heat transfer methods.	Safety concerns while conducting heat-related experiments.	Red Flag: Simple worksheets on heat transfer; White Flag: Group experiments with teacher guidance; Green Flag: Designing a real-world heat experiment.
Chapter 4: Physical and Chemical Changes	Differentiating between physical and chemical changes, understanding their properties.	Hands-on experiments, collaborative learning.	Simple experiments like rusting, burning of paper, and	Iron nails, vinegar, paper, salt, water.	Students will differentiate between physical and chemical changes.	Students struggle with understanding microscopic chemical reactions.	Red Flag: Watching videos on chemical changes; White Flag: Conducting simple physical changes; Green Flag: Exploring chemical changes through mini-lab experiments.

Chapter Name	Learning Outcomes	Pedagogy	Activities	Resources	Achievements	Gap Identified	Remedial Activities
No. Of periods:- 6			dissolving substances.				
Chapter 5: Acids, Bases, and Salts No. Of periods:- 6	Identifying acids and bases, pH scale, neutralization reaction.	Lab-based learning, inquiry-driven learning.	Litmus paper experiments, household acid-base identification, simple neutralization reactions.	Litmus paper, vinegar, baking soda.	Students will understand acid-base properties and neutralization reactions.	Limited access to a variety of acids and bases in a school lab setting.	Red Flag: Sorting household items as acidic or basic; White Flag: Conducting pH tests; Green Flag: Exploring real-world acid-base reactions.
Chapter 6: Respiration in Organisms No. Of periods:- 6	Understanding aerobic and anaerobic respiration, human breathing mechanism.	Inquiry-based learning, demonstrations.	Breathing rate experiments, observing yeast fermentation.	Stopwatch, yeast, sugar solution.	Students will differentiate aerobic and anaerobic respiration.	Difficulty in demonstrating anaerobic respiration practically.	Red flag: Worksheets on respiration; White flag: Measuring breathing rate; Green flag: Investigating respiration in different organisms.
Chapter 7: Transportation in Animals and Plants No. Of periods:- 7	Understanding the circulatory system, xylem and phloem functions.	Visual learning, hands-on activities.	Model-making, blood circulation experiment using diagrams.	Model-making materials, charts.	Students will explain blood circulation and transport in plants.	Students face difficulty in understanding microscopic transport mechanisms in plants.	Red flag: Drawing and labelling transport systems; White flag: Observing plant stem cross-sections; Green flag: Researching diseases affecting transport systems.
Chapter 8: Reproduction in Plants No. Of periods:- 7	Learning about sexual and asexual reproduction in plants.	Experiential learning, collaborative discussions.	Germination experiments, cross-pollination demonstrations.	Seeds, soil, flower samples.	Students will understand plant reproduction processes.	Limited access to a variety of plant specimens throughout the year.	Red flag: Sorting plants based on reproduction type; White flag: Conducting germination experiments Green flag: Investigating hybridization.
Chapter 9: Motion and Time	Understanding speed, time	Problem-solving approach,	Stopwatch experiments, graphical	Stopwatch, graph paper.	Students will measure speed and	Difficulty in visualizing different types of	Red flag: Watching animation of motion types;

Chapter Name	Learning Outcomes	Pedagogy	Activities	Resources	Achievements	Gap Identified	Remedial Activities
No. Of periods:- 6	measurement, motion types.	experimental learning.	representation of motion.		understand types of motion.	motion practically.	White flag: Simple experiments with rolling objects; Green flag: Graphing real-world motion data.
Chapter 10: Electric Current and Its Effects No. Of periods:- 6	Learning about electric circuits, heating, and magnetic effects of current.	Hands-on experiments, project-based learning.	Simple circuit-making, magnetism demonstrations.	Batteries, wires, magnets, bulbs.	Students will build simple circuits and understand current effects.	Limited availability of electrical components for hands-on practice.	Red flag: Identifying electrical components White flag: Building simple circuits; Green flag: Designing circuit projects.
Chapter 11: Light No. Of periods:- 6	Understanding reflection, refraction, formation of images.	Inquiry-based learning, practical demonstrations.	Mirror and lens experiments, shadow formation activities.	Mirrors, lenses, torches.	Students will understand light behaviour and image formation.	Difficulty in demonstrating refraction practically without lab equipment.	Red flag: Drawing light paths; White flag: Conducting simple mirror experiments Green flag: Investigating refraction in water.
Chapter 13: Wastewater Story No. Of periods:- 6	Learning about sewage treatment, water conservation.	Field-based learning, case studies.	Field visits to water treatment plants, discussions on pollution.	Visit permissions, water filtration setup.	Students will understand wastewater treatment and conservation methods.	Logistical challenges in organizing field visits to treatment plants.	Red flag: Watching videos on wastewater treatment; White flag: Discussing local water issues; Green flag: Researching innovative wastewater solutions.

COMPUTER

Topic	Learning Outcomes	Pedagogy	Activities	Resources	Achievements	Gaps Identified	Remedials
Exploring JavaScript Further	1. Understand advanced JavaScript concepts.	- Interactive coding exercises. - Group	- Create an interactive webpage. - Build a	- Laptops, JavaScript tutorials,	Students will be able to create dynamic web	Difficulty in handling events and	- Green Flag: Develop a mini project. - White Flag: Solve JavaScript quizzes.

	2. Implement functions, objects, and event handling.	projects on real-world applications.	simple web-based game.	coding platforms.	pages using JavaScript.	debugging scripts.	- Red Flag: Identify errors in sample codes.
Calculation Tools Using JavaScript	1. Develop calculation-based applications using JavaScript. 2. Use JavaScript functions for arithmetic and logical operations.	- Live coding demonstrations. - Debugging and problem-solving discussions.	- Create a basic calculator. - Develop a currency converter.	- IDEs, browser console, coding reference guides.	Students will be able to create functional JavaScript-based calculators.	Challenges in understanding loops and functions.	- Green Flag: Develop an advanced calculator. - White Flag: Complete coding exercises. - Red Flag: Debug given code samples.
Number Systems	1. Convert between binary, decimal, octal, and hexadecimal. 2. Understand the importance of number systems in computing.	- Hands-on exercises and quizzes. - Use of visual aids for conversions.	- Implement number system converters. - Solve real-world problems related to data representation.	- Conversion charts, online simulators.	Students will be able to perform number system conversions easily.	Confusion in converting between number bases.	- Green Flag: Convert real-life values. - White Flag: Solve step-by-step conversion exercises. - Red Flag: Identify and correct conversion errors.
Computer Ethics	1. Understand ethical concerns in computing. 2. Analyze case studies of data privacy	- Group discussions on ethical dilemmas. - Debates on privacy and surveillance.	- Create a presentation on ethical hacking. - Write an essay on	- Case studies, videos, policy documents.	Students will be able to make ethical decisions in computing.	Lack of awareness about cybersecurity risks.	- Green Flag: Research case studies. - White Flag: List ethical guidelines. - Red Flag: Identify ethical and unethical scenarios.

	and cybersecurity.		responsible AI.				
Emerging Trends in Information Technology	1. Explore recent advancements in IT. 2. Analyze the impact of AI, IoT, and cloud computing.	- Expert talks on future technology trends. - Research-based learning.	- Create a report on AI-driven applications. - Debate on ethical concerns of emerging tech.	- Online journals, tech blogs, research papers.	Students will be able to analyze and discuss emerging technologies.	Limited knowledge about AI and IoT.	- Green Flag: Conduct research on emerging technologies. - White Flag: List new IT trends. - Red Flag: Identify real-world applications.