

ADRIEL HIGH SCHOOL - ANNUAL PLANNER (2025-26)**ARTIFICIAL INTELLIGENCE**

Chapter	Learning Outcomes	Pedagogy	Activities	Resources	Achievements	Gaps Identified	Remedials
Unit 1: Communication Skills-II	Improve verbal and written communication.	Group discussions, presentations.	Role-plays, storytelling, writing exercises.	Case studies, communication guides.	Students can express ideas clearly.	Difficulty in structuring responses.	Green Flag: Deliver a short speech. White Flag: Identify parts of speech. Red Flag: Write and revise a paragraph.
Unit 2: Self-Management Skills-II	Develop time and stress management skills.	Goal-setting exercises, mindfulness techniques.	Create a weekly planner, stress-relief activities.	Time management apps, worksheets.	Students plan and prioritize tasks well.	Poor time management.	Green Flag: Set and follow a daily schedule. White Flag: List time management strategies. Red Flag: Identify personal time-wasters.
Unit 3: ICT Skills-II	Learn basic computer operations and safety.	Hands-on computer training.	Create and edit a document, online research.	Computers, internet resources.	Can perform basic digital tasks.	Difficulty in using online tools.	Green Flag: Design a presentation. White Flag: Identify computer components. Red Flag: Perform a basic search with filters.
Unit 4: Entrepreneurial Skills-II	Understand entrepreneurship basics.	Case studies, business idea brainstorming.	Create a simple business plan.	Business models, success stories.	Can define entrepreneurship.	Struggle with risk analysis.	Green Flag: Pitch a startup idea. White Flag: Define key business terms. Red Flag: Match businesses with industries.
Unit 5: Green Skills-II	Learn about sustainability and green economy.	Discussions on climate change, green initiatives.	Create posters on sustainable practices.	Articles, videos on environmental issues.	Understands sustainable development.	Limited awareness of real-world impact.	Green Flag: Suggest eco-friendly solutions. White Flag: Identify renewable energy sources. Red Flag: Analyze carbon footprint data.
Unit 6: Revisiting AI Project Cycle & Ethical	Understand AI project cycle, ethical considerations.	Case studies, interactive discussion.	Analyze case studies,	Case study materials, ethical frameworks.	Students understand AI project stages.	Difficulty in ethical implications.	Green Flag: Identify ethical issues in AI. White Flag: Define AI ethics principles.

Frameworks for AI			discuss AI ethics.				Red Flag: Match real-world scenarios with ethical frameworks.
Unit 7: Advanced Concepts of Modeling in AI	Learn AI, ML, DL models, supervised & unsupervised learning.	Concept introduction, hands-on activities.	Experiment with AI models using Google tools.	AI modeling tools, datasets.	Understand AI model differences.	Confusion in ML model selection.	Green Flag: Compare different ML models. White Flag: Define types of ML models. Red Flag: Identify supervised and unsupervised learning examples.
Unit 8: Evaluating Models	Learn evaluation metrics like accuracy, precision, recall.	Explanation of evaluation metrics, hands-on analysis.	Calculate accuracy of a model, confusion matrix.	Machine learning models, evaluation tools.	Students can assess model performance.	Struggle with statistical evaluation.	Green Flag: Interpret model accuracy results. White Flag: Define evaluation metrics. Red Flag: Identify correct evaluation metric for given models.
Unit 9: Statistical Data	Understand statistical concepts, apply data visualization.	Introduction to statistics, practical exercises.	Use Orange Data Mining for analysis.	Orange Data Mining tool, MS Excel.	Can analyze basic statistical data.	Challenges in interpreting data trends.	Green Flag: Create visual representations of data. White Flag: Identify basic statistical terms. Red Flag: Analyze a dataset using Orange Data Mining.
Unit 10: Computer Vision	Understand image processing, object detection.	Introduction to computer vision, practical activities.	Train a no-code AI model using Lobe.	Lobe.ai, image datasets.	Understands image recognition basics.	Difficulty in convolutional networks.	Green Flag: Identify different computer vision applications. White Flag: Define key computer vision terms. Red Flag: Analyze an image using a CNN model.
Unit 11: Natural Language Processing (NLP)	Learn NLP basics, chatbot development, sentiment analysis.	NLP concept introduction, real-world examples.	Experiment with chatbots, analyze text data.	Google NLP tools, chatbot simulators.	Students understand NLP applications.	Confusion in text pre-processing.	Green Flag: Conduct basic sentiment analysis. White Flag: Identify common NLP applications. Red Flag: Process a text dataset for keyword extraction.

Unit 12: Advanced Python	Learn advanced Python programming concepts.	Coding exercises, interactive programming.	Implement Python- based AI models.	Jupyter Notebook, Python libraries.	Can write basic Python AI scripts.	Struggles with syntax & logic.	Green Flag: Write a Python script using loops and functions. White Flag: Identify correct Python syntax. Red Flag: Debug and correct errors in a Python program.
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Hindi Class X - Learning Plan

Chapter	Learning Outcomes	Pedagogy Used	Activities	Resources	Achievements	Gaps Identified	Remedial (Special Activities for Students)
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ADRIEL HIGH SCHOOL - ANNUAL PLANNER (2025-26)
MATHS

Chapter	Learning Outcomes	Pedagogy	Activities	Resources	Achievements	Gaps Identified	Remedials
Real Numbers	Understand number system, fundamental theorem of arithmetic.	Conceptual learning, problem-solving.	Solve problems on HCF and LCM.	Mathematics textbooks, worksheets.	Students grasp number properties.	Difficulty in prime factorization.	Green Flag: Compare rational and irrational numbers. White Flag: Identify properties of real numbers. Red Flag: Discuss applications of Euclidean algorithm.
Polynomials	Analyze types of polynomials, zeros, and relationships.	Graphical representation, algebraic expressions.	Plot polynomial graphs.	Coordinate planes, graph paper.	Students recognize polynomial behavior.	Confusion in factorization methods.	Green Flag: Solve higher-degree polynomials. White Flag: Identify degrees of polynomials. Red Flag: Discuss real-world applications of polynomials.
Pair of Linear Equations in Two Variables	Understand solving linear equations graphically and algebraically.	Graph plotting, substitution and elimination methods.	Solve equations using different methods.	Graph paper, algebraic worksheets.	Students solve real-world problems.	Difficulty in graphical solutions.	Green Flag: Compare methods of solving equations. White Flag: Identify conditions for solutions. Red Flag: Discuss intersection points of lines.
Quadratic Equations	Learn solving quadratic equations by factorization, formula method.	Problem-solving, equation analysis.	Derive and use quadratic formula.	Algebraic formulas, practice sheets.	Students solve quadratic problems.	Confusion in discriminant and roots.	Green Flag: Compare different solution methods. White Flag: Identify types of quadratic roots. Red Flag: Discuss applications in physics and finance.
Arithmetic Progressions	Understand sequences and series, sum formulas.	Step-by-step derivations, real-life examples.	Find n th term, sum of series.	Number patterns, activity sheets.	Students analyze sequences logically.	Struggles with general term derivations.	Green Flag: Compare AP and GP sequences. White Flag: Identify arithmetic patterns. Red Flag: Discuss applications in finance and nature.

Triangles	Analyze similarity, Pythagoras theorem, properties.	Geometric proofs, theorems, constructions.	Prove similarity using different criteria.	Geometric tools, models.	Students understand triangle properties.	Confusion in similarity criteria.	Green Flag: Compare different triangle similarity proofs. White Flag: Identify Pythagorean triplets. Red Flag: Discuss applications in architecture.
Coordinate Geometry	Understand distance formula, section formula, area of a triangle.	Graphical plotting, problem-solving.	Solve problems on coordinate planes.	Graph paper, geometry tools.	Students solve spatial problems.	Struggles with mid-point theorem.	Green Flag: Compare different coordinate formulas. White Flag: Identify points and slopes. Red Flag: Discuss real-world mapping applications.
Introduction to Trigonometry	Learn trigonometric ratios, identities.	Angle measurements, derivations.	Solve problems using trigonometric ratios.	Unit circle, trigonometry charts.	Students apply trigonometry in calculations.	Difficulty in understanding identities.	Green Flag: Compare sine, cosine, tangent values. White Flag: Identify basic trigonometric ratios. Red Flag: Discuss applications in astronomy and engineering.
Some Applications of Trigonometry	Analyze heights and distances using trigonometry.	Practical problem-solving, real-world applications.	Calculate distances using angle of elevation/depression.	Clinometers, real-life case studies.	Students apply trigonometry in real-world situations.	Confusion in using angle concepts.	Green Flag: Compare different practical applications. White Flag: Identify angles of elevation and depression. Red Flag: Discuss use in surveying and construction.
Circles	Understand tangents, properties of circles.	Geometric proofs, theorem applications.	Construct tangents and solve problems.	Compass, protractors, geometry sets.	Students grasp circle properties.	Difficulty in proving tangent properties.	Green Flag: Compare secants and tangents. White Flag: Identify properties of tangents. Red Flag: Discuss applications in mechanical engineering.
Areas Related to Circles	Learn calculating areas of	Problem-solving, visual learning.	Find areas of circular parts.	Charts, geometric tools.	Students calculate	Confusion in segment area formulas.	Green Flag: Compare different area calculations. White Flag: Identify

	sectors and segments.				curved surface areas.		formulas for circles. Red Flag: Discuss real-life applications in design.
Surface Area and Volume	Understand 3D objects, volume calculations.	Model-based learning, practical applications.	Calculate volume and total surface area.	3D shapes, measurement tools.	Students solve volumetric problems.	Struggles with curved surface area formulas.	Green Flag: Compare different 3D object volumes. White Flag: Identify formulas for different shapes. Red Flag: Discuss applications in architecture and industry.
Statistics	Analyze mean, median, mode, representation of data.	Graphical representation, data interpretation.	Create bar graphs, pie charts.	Graphing tools, statistical software.	Students analyze data trends.	Difficulty in grouped data calculations.	Green Flag: Compare different data representations. White Flag: Identify statistical measures. Red Flag: Discuss applications in business and research.
Probability	Understand probability theory, real-world applications.	Experimental and theoretical probability.	Conduct probability experiments.	Dice, cards, probability worksheets.	Students understand likelihood of events.	Confusion in independent and dependent events.	Green Flag: Compare theoretical and experimental probability. White Flag: Identify probability formulas. Red Flag: Discuss real-life probability scenarios.

A Letter to God	1. Understand themes of faith and perseverance. 2. Analyze the character's emotions.	Storytelling, Discussion	Writing a letter from Lencho's perspective, Group discussion	NCERT Textbook	Awareness of faith and trust	Difficulty in understanding symbolism	Red Flag: Character mapping White Flag: Group activities Green Flag: Writing an alternate ending
Nelson Mandela: Long Walk to Freedom	1. Learn about Mandela's struggle for freedom. 2. Analyze the themes of equality and justice.	Biography study, Discussion	Research on apartheid, Debate on human rights	NCERT Textbook, Videos	Understanding leadership and resilience	Difficulty in connecting history with modern struggles	Red Flag: Visual timelines White Flag: Group discussions Green Flag: Research on a freedom fighter
Two Stories about Flying	1. Identify themes of courage and adventure. 2. Analyze the emotions of the protagonist.	Role-play, Discussion	Writing a personal account of overcoming fear	NCERT Textbook	Understanding self-confidence	Difficulty in relating to aviation concepts	Red Flag: Visual aids White Flag: Group discussions Green Flag: Writing a fictional aviation story
From the Diary of Anne Frank	1. Understand historical context through personal experiences. 2. Analyze the impact of war on individuals.	Diary reading, Discussion	Writing a diary entry, Debate on war's impact on youth	NCERT Textbook, Documentaries	Awareness of WWII history	Difficulty in empathizing with historical events	Red Flag: Guided reading White Flag: Class discussions Green Flag: Research on another historical diary
Glimpses of India	1. Explore cultural diversity in India. 2. Analyze different perspectives on India's heritage.	Travel literature, Discussion	Map marking, Writing a travelogue	NCERT Textbook, Maps	Understanding cultural richness	Difficulty in visualizing regional differences	Red Flag: Picture-based learning White Flag: Group discussions Green Flag: Writing about a personal trip

Poetry							
Dust of Snow	1. Analyze the theme of hope and change in perspective. 2. Understand poetic devices used.	Recitation, Discussion	Writing a short poem on a sudden positive change	NCERT Textbook	Awareness of optimism in poetry	Difficulty in identifying poetic elements	Red Flag: Poetic device worksheet White Flag: Poem discussions Green Flag: Writing a reflective poem
Fire and Ice	1. Interpret the symbolism of fire and ice. 2. Analyze the poet's perspective on destruction.	Recitation, Discussion	Symbolism analysis, Debate on human emotions	NCERT Textbook	Understanding abstract themes in poetry	Difficulty in interpreting metaphorical meaning	Red Flag: Visual representation White Flag: Group discussions Green Flag: Writing an interpretation essay
English Writing							
Formal Letter	1. Learn formal letter structure. 2. Develop clear and concise communication.	Explanation, Practice	Writing a complaint/request letter, Peer review	Sample letters	Mastery of formal writing	Struggle in maintaining formal tone	Red Flag: Format templates White Flag: Group activities Green Flag: Writing letters for real-life situations
Analytical Paragraph	1. Analyze visual data effectively. 2. Write structured analytical responses.	Data interpretation, Writing practice	Writing about a given chart/graph, Peer review	Graphs, Reports	Understanding data-based writing	Difficulty in structuring analytical responses	Red Flag: Guided analysis White Flag: Group discussions Green Flag: Writing a research-based paragraph
English Grammar							
Gap Filling	1. Identify missing words in a sentence. 2. Use grammar rules to complete sentences correctly.	Sentence analysis, Practice exercises	Completing passages with missing words, Peer review	Grammar workbook	Improved grammatical accuracy	Frequent errors in sentence structure	Red Flag: Guided practice White Flag: Group exercises Green Flag: Writing short paragraphs with gap-filling exercises

Review of Tenses	1. Use different tenses correctly in writing. 2. Identify errors in tense usage.	Explanation, Sentence correction	Writing paragraphs with varied tenses, Peer correction	Grammar workbook	Mastery of verb tenses	Confusion in tense consistency	Red Flag: Simple exercises White Flag: Error correction activities Green Flag: Writing a story using multiple tenses
Clauses	1. Identify different types of clauses. 2. Use clauses effectively in writing.	Sentence analysis, Practice worksheets	Combining sentences using clauses, Clause identification exercise	Grammar workbook	Understanding sentence structure	Confusion in dependent and independent clauses	Red Flag: Visual charts White Flag: Group exercises Green Flag: Writing complex sentences with varied clauses
Reordering of Sentences	1. Learn to arrange jumbled sentences correctly. 2. Improve logical sentence flow.	Exercises, Practice drills	Rearranging jumbled sentences, Writing coherent paragraphs	Grammar workbook	Improved sentence structuring	Struggle in maintaining logical order	Red Flag: Step-by-step exercises White Flag: Group discussions Green Flag: Writing a short story with restructured sentences
Transformation of Sentences	1. Convert sentences into different grammatical forms. 2. Understand how sentence structure affects meaning.	Explanation, Sentence transformation	Converting statements into different forms (negative, interrogative, exclamatory)	Grammar workbook	Mastery of varied sentence structures	Confusion in applying transformation rules	Red Flag: Guided practice White Flag: Sentence conversion drills Green Flag: Writing a passage using different sentence transformations
Discursive Passage	1. Develop skills for analyzing viewpoints. 2. Improve comprehension and inference skills.	Reading practice, Discussion	Writing a discursive essay, Analyzing newspaper articles	Sample articles	Understanding multiple perspectives	Struggle in forming arguments	Red Flag: Argument structure worksheet White Flag: Group discussions Green Flag: Writing an argumentative essay
Case-Based Factual Passage	1. Interpret statistical data and visuals. 2. Improve analytical skills.	Data interpretation, Reading practice	Analyzing graphs, Writing reports based on visuals	Graphs, Reports	Ability to extract information	Difficulty in interpreting numerical data	Red Flag: Guided practice White Flag: Group analysis Green Flag:

					from visual input		Research on statistical reports
X Science	LEARNING OUTCOME	PEDAGOGY	ACTIVITIES	RESOURCES	ACHEIVENTS	GAPS	REMEDIALS
Chemical Reactions and Equations	1. Explain different types of chemical reactions. 2. Understand chemical equations and balancing.	Demonstration, Lab experiments	Conducting chemical reactions, Balancing equations exercises	NCERT Textbook, Lab manual	Understanding chemical processes	Difficulty in balancing equations	Red Flag: Step-by-step balancing guide White Flag: Practice worksheets Green Flag: Designing new reaction equations
Acids, Bases and Salts	1. Differentiate between acids, bases, and salts. 2. Understand the pH scale and its applications.	Experimentation, Discussion	Testing substances with litmus paper, pH scale experiments	NCERT Textbook, Lab materials	Awareness of chemical properties	Difficulty in identifying acid-base reactions	Red Flag: Visual charts White Flag: Hands-on experiments Green Flag: Research on applications of acids and bases
Metals and Non-Metals	1. Compare properties of metals and non-metals. 2. Understand their reactions with air, water, and acids.	Experimentation, Concept maps	Observing metal and non-metal properties, Rusting experiment	NCERT Textbook, Lab materials	Understanding physical and chemical properties	Confusion in reactivity series	Red Flag: Mnemonic techniques White Flag: Lab experiments Green Flag: Research on alloy formation
Carbon and its Compounds	1. Explain covalent bonding in carbon compounds. 2. Understand properties and uses of hydrocarbons.	Videos, Molecular models	Building molecular models, Identifying organic compounds	NCERT Textbook, Models	Understanding carbon chemistry	Difficulty in recognizing functional groups	Red Flag: Visual concept maps White Flag: Group activities Green Flag: Research on carbon-based life
Life Processes	1. Explain nutrition, respiration, circulation, and excretion in	Diagram-based teaching, Videos	Identifying digestive enzymes, Pulse	NCERT Textbook, Videos	Awareness of biological functions	Confusion in distinguishing life processes	Red Flag: Simplified notes White Flag: Case studies Green

	organisms. 2. Understand the role of enzymes.		rate measurement				Flag: Research on human body adaptations
Control and Coordination	1. Explain how nervous and endocrine systems control body functions. 2. Understand reflex actions.	Diagram-based explanation, Role-play	Identifying parts of the brain, Reaction time experiment	NCERT Textbook, Models	Awareness of human coordination	Difficulty in understanding neural pathways	Red Flag: Flowcharts White Flag: Hands-on activities Green Flag: Research on artificial intelligence and reflexes
How do Organisms Reproduce?	1. Explain different modes of reproduction. 2. Understand human reproductive systems.	Videos, Diagram-based explanation	Identifying reproductive organs, Case studies on reproduction	NCERT Textbook, Charts	Awareness of reproductive health	Difficulty in differentiating reproduction types	Red Flag: Visual guides White Flag: Group discussions Green Flag: Research on reproductive technologies
Heredity	1. Explain Mendel's laws of inheritance. 2. Understand the role of DNA in genetics.	Chart-based explanation, Videos	Studying genetic traits, Constructing family pedigrees	NCERT Textbook, Genetic charts	Understanding inheritance patterns	Difficulty in understanding dominant/recessive traits	Red Flag: Visual inheritance charts White Flag: Case studies Green Flag: Research on genetic engineering
Light: Reflection and Refraction	1. Explain laws of reflection and refraction. 2. Analyze optical phenomena.	Demonstration, Practical activities	Mirror and lens experiments, Ray diagram practice	NCERT Textbook, Optics kits	Understanding light behavior	Difficulty in drawing ray diagrams	Red Flag: Step-by-step guide White Flag: Hands-on experiments Green Flag: Research on optics in technology
The Human Eye and the Colourful World	1. Explain structure and function of the human eye. 2. Understand atmospheric refraction.	Diagram-based teaching, Videos	Eye model study, Experiments on dispersion	NCERT Textbook, Eye model	Awareness of vision mechanisms	Difficulty in understanding refraction concepts	Red Flag: Visual flowcharts White Flag: Group discussions Green Flag: Research on vision impairments

Electricity	1. Explain Ohm's Law and electric circuits. 2. Understand series and parallel circuits.	Hands-on circuits, Concept maps	Building simple circuits, Measuring resistance	NCERT Textbook, Circuit kits	Understanding electrical concepts	Difficulty in circuit calculations	Red Flag: Simplified equations White Flag: Circuit-building activities Green Flag: Research on electrical engineering
Magnetic Effects of Electric Current	1. Understand electromagnetism and its applications. 2. Analyze the working of electric motors.	Experimentation, Videos	Building electromagnets, Studying motor models	NCERT Textbook, Lab materials	Awareness of magnetism in daily life	Difficulty in applying right-hand rule	Red Flag: Step-by-step hand rule explanation White Flag: Hands-on experiments Green Flag: Research on electromagnetic devices
Our Environment	1. Explain components of ecosystems. 2. Understand pollution and conservation strategies.	Case studies, Discussion	Analyzing food chains, Research on local pollution	NCERT Textbook, Environmental reports	Awareness of environmental issues	Difficulty in understanding trophic levels	Red Flag: Infographics White Flag: Class discussions Green Flag: Research on climate change solutions

X SSC Chapter	Learning Outcomes	Pedagogy	Activities	Resources	Achievements	Gaps Identified	Remedial (Special Activities for Red, White, and Green Flags)
History							
The Rise of Nationalism in Europe	1. Understand the factors leading to nationalism in Europe. 2. Analyze the impact of nationalist movements.	Lecture, Map analysis	Timeline creation, Debate on nationalism	NCERT Textbook, Maps	Awareness of European history	Difficulty in linking events	Red Flag: Simplified notes White Flag: Group discussions Green Flag: Research on nationalist leaders
Nationalism in India	1. Learn about the Indian freedom struggle. 2. Analyze key events and leaders.	Documentary analysis, Discussion	Role-play on freedom fighters, Writing a report	NCERT Textbook, Documentaries	Understanding India's independence movement	Confusion in chronological events	Red Flag: Visual timelines White Flag: Class discussions Green Flag: Research on independence leaders
The Making of a Global World	1. Understand globalization's historical roots. 2. Analyze the effects of colonization and trade.	Case studies, Discussion	Debate on globalization's impact, Research on trade routes	NCERT Textbook, Economic reports	Awareness of economic interdependence	Difficulty in grasping global trade links	Red Flag: Simplified charts White Flag: Group discussions Green Flag: Research on multinational corporations
The Age of Industrialization	1. Learn about the industrial revolution's impact. 2. Analyze technological advancements.	Factory system analysis, Discussion	Comparative study of industries, Writing an industrial revolution essay	NCERT Textbook, Videos	Understanding industrial growth	Difficulty in differentiating phases of industrialization	Red Flag: Step-by-step visual guides White Flag: Group discussions Green Flag: Research on modern industries

Print Culture and the Modern World	1. Explain the development of print media. 2. Analyze how print influenced society.	Timeline study, Discussion	Research on historical newspapers, Writing a news article	NCERT Textbook, Newspapers	Awareness of media evolution	Difficulty in connecting past media to present	Red Flag: Simplified timelines White Flag: Group discussions Green Flag: Research on the impact of digital media
Geography							
Resources and Development	1. Explain different types of resources. 2. Understand sustainable resource management.	Case studies, Videos	Resource mapping, Group discussions	NCERT Textbook, Reports	Understanding resource utilization	Difficulty in differentiating resources	Red Flag: Flashcards White Flag: Group discussions Green Flag: Research on conservation policies
Water	1. Analyze the importance of water conservation. 2. Understand water cycle processes.	Diagram-based teaching, Case study	Water conservation project, Rainwater harvesting model	NCERT Textbook, Reports	Awareness of water sustainability	Lack of awareness on conservation	Red Flag: Visual infographics White Flag: Class discussions Green Flag: Research on global water crises
Agriculture	1. Identify major crops and farming techniques. 2. Analyze the role of agriculture in the economy.	Field study, Discussion	Research on farming techniques, Crop distribution mapping	NCERT Textbook, Agricultural reports	Understanding agricultural diversity	Difficulty in understanding farming methods	Red Flag: Flashcards on crops White Flag: Group discussions Green Flag: Research on sustainable agriculture
Minerals and Energy Resources	1. Explain different types of minerals and energy resources. 2. Analyze their role in industrial growth.	Case studies, Videos	Mineral identification, Research on renewable energy	NCERT Textbook, Reports	Awareness of natural resource utilization	Difficulty in understanding geological formations	Red Flag: Visual diagrams White Flag: Group discussions Green Flag: Research on sustainable energy

Civics							
Power Sharing	1. Understand the concept of power sharing in governance. 2. Analyze case studies of power-sharing models.	Constitution study, Discussion	Role-play on different government structures, Debate on federalism	NCERT Textbook, Government reports	Awareness of democratic principles	Confusion in governance types	Red Flag: Visual hierarchy charts White Flag: Group discussions Green Flag: Research on case studies of power sharing
Federalism	1. Explain the working of federal structures. 2. Analyze the division of powers.	Case studies, Discussion	Research on different federal countries, Map work	NCERT Textbook, Constitution	Understanding federal governance	Difficulty in understanding administrative divisions	Red Flag: Flowcharts White Flag: Group discussions Green Flag: Research on state autonomy policies
Economics							
Development	1. Define economic development. 2. Compare development indicators between countries.	Data analysis, Case studies	Research on HDI, Writing a report on economic growth	NCERT Textbook, Reports	Awareness of economic growth factors	Difficulty in comparing economic progress	Red Flag: Simplified data tables White Flag: Group discussions Green Flag: Research on developing economies
Sectors of the Indian Economy	1. Identify different economic sectors. 2. Analyze the role of primary, secondary, and tertiary sectors.	Graph interpretation, Discussion	Case study on employment distribution, Debate on economic policies	NCERT Textbook, Economic surveys	Understanding economic classifications	Difficulty in differentiating sectors	Red Flag: Visual flowcharts White Flag: Group discussions Green Flag: Research on employment trends
Money and Credit	1. Explain the functions of money. 2. Analyze how credit impacts the economy.	Case studies, Banking system study	Role-play on banking transactions, Writing an analysis of loan policies	NCERT Textbook, Banking reports	Awareness of monetary systems	Difficulty in understanding banking functions	Red Flag: Simplified banking guides White Flag: Group discussions Green Flag: Research on

							digital banking trends
Globalisation and the Indian Economy	1. Understand the impact of globalization on India. 2. Analyze how international trade affects the economy.	Debate, Case study	Research on multinational companies, Writing a report on trade policies	NCERT Textbook, Economic reports	Awareness of global economic integration	Difficulty in understanding trade policies	Red Flag: Simplified trade charts White Flag: Group discussions Green Flag: Research on globalization effects