

WEEKLY PLAN-2026-27

GRADE: 10

TERM 1

WEEK – 12 22nd June to 26th June

Subject	Topic	Learning Objectives (Students will be able to...)	Teaching & Learning Activities	Assessment (Type- Skill & Evidence)	Differentiation (Support -Core- Challenge)	AFL Strategy	National Identity Link	LMS Upload	Home Work
English	The Making of the Scientist	- Identify the qualities and habits that contribute to scientific success. - Analyze how curiosity, perseverance, hard work, and guidance shape an individual's growth.	- Pre-reading discussion on scientists and inventions. - Brainstorming activity: "What qualities make a successful scientist?" - Group discussion	Diagnostic Assessment: Prior knowledge discussion on scientists. Formative Assessment: - Reading comprehension questions. - Character sketch of Richard Ebright. - Group discussion participation.	Support: - Vocabulary support sheet. - Guided notes and simplified explanations. - Teacher-led	- Think-Pair-Share. - Exit Tickets. - Questioning Techniques. - Peer Assessment. - Self-Reflection Checklist. - Observation of	The lesson promotes values such as innovation, scientific inquiry, perseverance, and lifelong learning, which align with the UAE's vision of fostering a knowledge-based	- Lesson PPT. - Annotated text. - Character analysis worksheet. - Comprehension questions. - Quiz/Assessment sheet.	Complete textbook exercises. Prepare a character sketch of Richard Ebright. Write a paragraph

			on the role of parents, teachers, and mentors in success.	Skills Assessed: Reading, Speaking, Critical Thinking, Analysis, Writing. Evidence: Worksheets, oral responses, timeline chart, written reflections, notebook work.	questioning. Core: • Independent reading and comprehension tasks. • Character analysis using textual evidence. Challenge: • Research on another famous scientist and compare qualities with Richard Ebright.	participation and responses during discussions.	economy and encouraging young innovators to contribute to national development and scientific advancement.		ph on the importance of curiosity in learning.
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					Analyze how scientific temperament contributes to societal progress				
Mathematics	Probability.	Define probability as a measure of chance. - Calculate probability of simple events using the formula $P(E) = \frac{\text{Number of favourable outcomes}}{\text{Total outcomes}}$. - Apply probability concepts to real-life situations. - Solve CBSE competency-based and case-	Starter: Discuss everyday events such as weather forecasts, sports results, and lucky draws. Concept Development: Review theoretical probability and solved examples. Guided Practice: Solve sample paper	Worksheet Assessment Type: Formative Assessment Skills: Calculation, reasoning, interpretation, problem-solving. Evidence: Accuracy of answers, method used, and justification in worksheet solutions.	Support: Formula sheet and guided examples. Core: Standard CBSE sample paper questions. Challenge: Higher-order thinking and case-study	Think-Pair-Share - Exit Ticket: One probability question before leaving class. - Peer checking of worksheet answers. - Teacher observation and questioning.	Probability is used in UAE sectors such as weather prediction, traffic management, sports analytics, and data-based decision-making, supporting innovation and scientific thinking aligned with the UAE's vision for the future.	CBSE Sample Paper Probability Worksheet (PDF)	Complete the remaining worksheet questions and solve 5 additional probability questions from the CBSE Sample Paper.

		study questions on probability. • Interpret outcomes and justify answers logically	questions together. Independent Activity: Students complete Probability Worksheet based on CBSE Sample Paper pattern. Discussion: Analyze common errors and reasoning behind answers.		questions involving probability in real-life contexts.				
Science	Biology- Coordination in Plants – Growth Responses (Independent and Dependent on Growth)	Define coordination in plants. 2. Distinguish between growth-dependent and growth-independent	Group activity: Identify the type of response shown in different plant scenarios.	Classification, explanation, analysis, and application of concepts. Type: Formative assessment.	Identify and explain different plant responses and hormone functions.	Think-Pair-Share discussions.	Link plant growth regulation to sustainable agriculture and food security initiatives in the UAE	PowerPoint presentation, lesson notes, plant tropism diagrams, plant hormone	Research one plant hormone (Auxin, Gibberellin, Cytokinin,

	& Plant Hormones CHEMISTRY : Identify properties of metals and non-metals. • Explain how ionic bonds are formed. • Draw simple ionic bonding diagrams (e.g., NaCl, MgO).	responses in plants. 3. Explain different plant tropisms (phototropism, geotropism, hydrotropism, and thigmotropism).	Starter: Compare metal and non-metal objects. • Teacher explanation of electron transfer. • Students draw ionic bonding diagrams. • Pair discussion and quick quiz.	Skill: Identifying and explaining ionic bonding. Evidence: Completed worksheet, bonding diagrams, quiz answers.	Challenge: Evaluate how auxins influence phototropism and predict plant responses in unfamiliar situations. Support: Guided notes and examples. Core: Complete ionic bonding questions.	Exit ticket, mini whiteboards, questioning, peer assessment.	Discuss the use of metals such as aluminum and steel in UAE construction and industry.	summary sheet, worksheet, Lesson slides, worksheet, ionic bonding video, quiz.	Ethylene, or Abscissic Acid). Complete worksheet on ionic bonding and draw electron transfer diagrams for NaCl and MgO.
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					Challenge: Explain bonding in compounds with different ions.				
	Physics: magnetic field due to a straight conductor and a circular coil	Describe the magnetic field produced around a current-carrying straight conductor. • Explain the magnetic field pattern due to a circular coil. • Use the Right-Hand Thumb Rule to find the direction of magnetic field.	Starter: Ask students: “Can electricity produce magnetism?” Show a simple image/video of iron filings around a current-carrying wire. Teaching: Explain Oersted’s experiment and how current produces a	Formative assessment: Skill: Observation, diagram drawing, concept explanation, application Evidence: • Correctly drawn magnetic field lines around a straight conductor. • Correct use of Right-Hand Thumb Rule. • Explanation of why field lines	Support: Identify the direction of current and draw basic circular magnetic field lines around a straight conductor. Core: Apply Right-Hand Thumb Rule to	Think–Pair–Share: “What happens to a compass near a current-carrying wire?” • Mini whiteboard : Students draw the direction of magnetic field for a given current direction. • Peer checking of diagrams.	Connect the lesson to the UAE’s focus on innovation, clean energy, and advanced technology. Students discuss how electromagnets are used in electric vehicles, renewable energy systems, metro trains, robotics, and medical technology in	Lesson notes on magnetic field due to current-carrying conductors • Diagram of magnetic field around a straight conductor • Diagram of magnetic field around a circular coil • Right-Hand	Draw the magnetic field pattern around a straight current-carrying conductor. 4. Draw the magnetic field pattern due to a circular coil. 5. Write two

			magnetic field. Introduce the Right-Hand Thumb Rule. Then explain how the magnetic field pattern changes when the wire is bent into a circular coil. Demonstration: Use a battery, wire, switch, compass, and iron filings to show magnetic field around a straight conductor and circular coil.	become stronger at the centre of a circular coil. • Oral responses and worksheet completion.	find the direction of magnetic field. Challenge: Compare the strength and pattern of magnetic field in a straight conductor and circular coil and explain how increasing current or number of turns affects the field.	• Exit ticket: "State one difference between the magnetic field of a straight conductor and a circular coil."	the UAE. This supports the UAE vision of becoming a leader in science and technology.	Thumb Rule explanation • Practice worksheet • Short simulation /video link	differences between the magnetic field of a straight conductor and a circular coil. 6. Mention two applications of electromagnets in daily life.
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			Student Activity: Students draw magnetic field patterns for both cases and mark the direction of current and field lines. Comparison Task: Students complete a table comparing straight conductor and circular coil						
Social Science (History)	Civil Disobedience Movement (1930–1934)	Explain the aims and significance of the Civil Disobedience Movement. Differentiate between the	Compare and Contrast Chart – Students identify differences between the	Type: Formative Assessment Skill: Analysis, Interpretation, Communication Evidence: Completed	Support: Guided notes and key vocabulary list (Satyagra	Think-Pair-Share, Peer Discussion.	Discuss how peaceful protest, unity, and responsible citizenship contribute to	Timeline	Past year questions

		Non-Cooperation Movement and the Civil Disobedience Movement. Describe key events such as the Salt March, Gandhi-Irwin Pact, and Round Table Conference.	Non-Cooperation Movement and Civil Disobedience Movement. Timeline Activity – Arrange events: Purna Swaraj Declaration, Salt March, Gandhi's Arrest, Gandhi-Irwin Pact, Round Table Conference.	comparison chart, timeline activity	ha, Purna Swaraj, Boycott, Repression). Core: Complete timeline and source analysis. Challenge: Explain why the Civil Disobedience Movement gained mass support but lost momentum by 1934.		nation-building and compare with the UAE's values of tolerance, cooperation, and respect for law.		
Social Science (Geog	Institutional and Technological Reforms	Explain technological reforms that improved	Brainstorming on challenges	Formative Assessment Skill: Understanding,	Provide key terms and	Questioning and probing.	Explore UAE initiatives supporting food security	worksheet.	Textual questions

raphy)	in Agriculture & Bloodless Revolution	agricultural productivity. Describe the concept and significance of the Bloodless Revolution (White Revolution). Evaluate the impact of agricultural reforms on farmers and rural development.	faced by farmers. Teacher presentation on land reforms, cooperatives , MSP, and crop insurance. Discussion on technological advancements in agriculture.	Analysis, Critical Thinking Evidence: Participation in discussions. Responses to case-study questions. Exit ticket on one key agricultural reform.	guided notes. Core: Explain institutional and technological reforms with examples . Challenge: Assess the effectiveness of reforms in improving farmers' livelihoods.	Think-Pair-Share. Exit ticket.	and sustainable agriculture. Compare agricultural innovation and resource management in India and the UAE.		
Social Science (Econ	Money and credit	Explain why money is universally accepted as a	Interactive discussion on the evolution	MCQs on money and banking concepts (knowledge).	Support: Guided notes and	Think-Pair-Share. Teacher questioning .	Explore the role of banks in supporting entrepreneurship, digital	PPT on Money and Banking. Flowchart of loan	Explain why money is accepted

omics)		medium of exchange. Analyze the advantages of using money over the barter system. Describe the loan activities and credit creation process of commercial banks.	from barter to money. Teacher explanation of the functions of money with real-life examples. Flowchart activity illustrating the loan activities of commercial banks. Case study on how banks provide loans to individuals and businesses. Group discussion and worksheet-based practice.	Short descriptive questions on the functions of money (understanding). Case-based questions on commercial bank lending (application). Exit ticket: Explain one reason why money is accepted as a medium of exchange.	flowchart s. Simplified examples of banking transactions. Core: Standard textbook questions and case studies. Challenge: Analyze the impact of bank credit on businesses and economic growth. Evaluate the importance	Peer assessment of flowchart activity. Exit tickets and quick quizzes.	payments, and economic development in the UAE. Discuss how modern banking contributes to financial inclusion and sustainable economic growth.	activities of commercial banks. Worksheet and revision notes. Interactive quiz.	d as a medium of exchange with suitable examples. Draw a flowchart showing the loan activities of commercial banks. Solve NCERT and competency-based questions on Money and Credit.
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					ce of commerc ial banks in financial inclusion				
Hindi	पर्वत प्रदेश में पावस	कविता का भावार्थ समझ सकेंगे। 2. वर्षा ऋतु में प्रकृति के सौंदर्य का वर्णन कर सकेंगे। 3. कविता में प्रयुक्त मानवीकरण एवं अन्य काव्य-सौंदर्य तत्वों की पहचान कर सकेंगे। 4. प्रकृति संरक्षण के महत्व को समझ सकेंगे।	वर्षा ऋतु एवं पर्वतीय प्रदेश के चित्रों से चर्चा। • कविता का सस्वर वाचन एवं व्याख्या। • प्रकृति- चित्रण से संबंधित समूह गतिविधि। • काव्य- सौंदर्य एवं अलंकारों की पहचान।	मौखिक एवं लिखित मूल्यांकन • प्रश्नोत्तर • कविता-पाठ • कार्यपत्रक • भावार्थ लेखन	Support: कठिन शब्दों के अर्थ एवं संकेतात्म क प्रश्न। Core: कविता के भाव एवं प्रकृति- चित्रण का वर्णन। Challeng e: कविता में प्रयुक्त मानवीकर ण अलंकार	थिंक-पेयर- शेयर • प्रश्नोत्तर • एग्जिट टिकट • सहपाठी मूल्यांकन	यूएई की पर्यावरणीय पहलों, हरित विकास तथा प्राकृतिक संसाधनों के संरक्षण के महत्व से जोड़ना। विद्यार्थियों में प्रकृति के प्रति संवेदनशीलता एवं जिम्मेदारी विकसित करना।	PPT, कविता की व्याख्या, कार्यपत्रक, क्विज़ एवं शब्दार्थ।	वर्षा ऋतु का प्राकृति क सौंदर्य" विषय पर 120– 150 शब्दों का अनुच्छे द लिखिए।

			• दृश्य आधारित वर्णनात्मक लेखन।		के उदाहरण खोजकर व्याख्या करना।				
Mala yalam	മൂരിങ്ങാ മരത്തോ പ്പ്	•തനിക്കൊരു അച്ഛനുമുണ്ടെ ന്നും തന്റെ അച്ഛൻ ജീവിച്ചിരി പ്പുണ്ടെന്നതി നുള്ള ഏക തെളിവായി നരേന്ദ്രന്റെ കൈവശം അവശേഷി ച്ച ഫോട്ടോയെ ക്കുറിച്ചുള്ള ആശയം ഗ്രഹിക്കുന്നു. • നരേന്ദ്രൻ പോകുന്നിട	ആശയാ വതരണം : കുടുംബ ബന്ധങ്ങളെ പ്രതിപാ ദിക്കുന്ന ചിത്രങ്ങ ൾ നിരീക്ഷി ച്ച് ചർച്ച നടത്തു ന്നു. വായന: അധ്യാപ ക	നിരീക്ഷണം: വായനയി ലും ചർച്ചയിലും സജീവ പങ്കാളിത്തം. ആശയഗ്രഹ ണ നൈപുണി: കഥാപാത്ര ത്തിന്റെ വികാരങ്ങൾ വിശദീകരി ക്കുന്നു.എഴു ത്ത് നൈപുണി: അനുഭവക്കു റിപ്പ് തയ്യാറാക്കു	പിന്തു ണ: പ്രധാന ഭാഗ ങ്ങൾ അടിവ രയിട്ട് ആശയ ങ്ങൾ കണ്ടെ ത്താൻ സഹാ യിക്കു ന്നു .അടി സ്ഥാനം : നരേന്ദ്ര	•ചോ ദ്യോത്ത രങ്ങൾ • എക്സി റ്റ് ടിക്കറ്റ് • സ്വയം വിലയി രുത്തൽ • സഹപാ ഠി വിലയി രുത്തൽ	. യു.എ.ഇ. സമൂഹം ഉയർത്തി പ്പിടിക്കു ന്ന കുടുംബ ഐക്യം, മാതാപി താക്കളോ ടുള്ള ആദരവ്, സാമൂഹി ക ഉത്തരവാ ദിത്തം എന്നീ ദേശീയ മൂല്യങ്ങ ളുമായി	•പാഠഭാ ഗത്തി ന്റെ PDF •പ്രവർ ത്തനപ ത്രം • കഥാപാ ത്ര വിശകല ന കുറിപ്പ്. പി.പി. ടി.	നരേ ന്ദ്രൻ നിധി പോ ലെ സൂ ക്ഷിച്ച ഫോ ട്ടോയു ടെ പ്രാ ധാ ന്യം വിശ ദീകരി ച്ച് 8- 10 വാ ക്യങ്ങ

		ത്തൊക്കെ കൊണ്ടുനടന്നതും നിധി പോലെ സൂക്ഷിച്ചതും എന്താണെന്ന ആശയം ഗ്രഹിക്കുന്നു.	മാതൃകാ വായനയും വിദ്യാർത്ഥികളുടെ വായനയും. ചർച്ച: നരേന്ദ്രൻ്റെ ജീവിതാനുഭവങ്ങളും വികാരങ്ങളും കണ്ടെത്തുന്നു. ജോടി പ്രവർത്തനം: ഫോട്ടോ	നു.തെളിവുകൾ: പ്രവർത്തനപത്രം, കമാപാത്ര ചാർട്ട്, കുറിപ്പ്.	ൻറെ ജീവിതത്തിലെ പ്രധാന സംഭവങ്ങൾ തിരിച്ചറിയുന്നു. വെല്ലുവിളി: ഫോട്ടോയുടെ വൈകാരിക പ്രാധാന്യം വിശകലനം ചെയ്ത് അഭിപ്രായം		പാഠഭാഗത്തെ ബന്ധപ്പെടുത്തുന്നു.		ശ്ലഘിക്കുക.
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			യുടെ പ്രാധാന്യം സംബന്ധിച്ച് ആശയവിനിമയം നടത്തുന്നു. സംഘ പ്രവർത്തനം: നരേന്ദ്രൻ്റെ കമാപാത്രവിശകലന ചാർട്ട് തയ്യാറാക്കുന്നു.		രേഖപ്പെടുത്തുന്നു.				
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French	Les Pronoms Possessifs	• Identifier les pronoms possessifs. • Utiliser les pronoms possessifs dans des phrases.	• Présentation des règles avec exemples. • Exercices de substitution et dialogue en binômes.	• Formative : compléter des phrases. • Observation de la participation orale.	• Tableau d'aide. • Exercices guidés. • Création de phrases plus complexes.	• Questions-réponses. • Ticket de sortie.	• Respect des biens personnels et collectifs. • Responsabilité envers la communauté.	• Présentation PowerPoint. • Fiche d'exercices.	• Compléter 10 phrases. • Écrire 5 phrases avec des pronoms possessifs.
AI	Computer Vision	To explain computer vision and understand its basic purpose. To identify real-life applications of computer vision (e.g., face recognition, self-driving cars, CCTV).	Explains computer vision using simple examples (camera, image AI analysis) Group Activity: Students list 5 uses of	Quiz (MCQ): 5 questions on computer vision basics. Evidence: Group discussion participation.	Support: Provide examples and keywords (camera, image, recognition). Core: Identify and	Exit ticket and Oral questioning during session	Discuss how UAE uses computer vision in: Airport security systems and smart gates	Study Materials	Write 5 real-life examples of computer vision used in daily life.

		To explain how machines “see” and interpret images.	computer vision in smart cities or UAE daily life.		explain common applications. Challenge: Explain how computer vision is used in self-driving cars or smart surveillance systems.				
Arabic	فرصة العمل	أن يحدد الطالب الفكرة الرئيسية للنص المسموع.	الاستماع إلى النص ومناقشة مضمونه.	شفهي: يذكر الفكرة الرئيسية للنص.	Support: اختيار الفكرة من عدة خيارات. Core: تحديد الفكرة الرئيسية. Challenge: صياغة الفكرة	أسئلة شفوية مباشرة.	تعزيز أهمية مواكبة التطور التكنولوجي في دولة الإمارات.	رفع الفقرة وة الدرانشطس	كتابة ثلاثة أمثلة للتكنولوجيا المذكورة في النص.

					بأسلوبه الخاص.				
Islamic Studies	The Islamic Juristic (Legal) Schools	1. Explain the concept of fiqh (Islamic Jurisprudence) schools. 2. Analyze the causes behind the emergence of fiqh schools. 3. Compare the major fiqh schools and their methodologies.	Starter: Brainstorm students' prior knowledge about Islamic scholars and legal rulings. • Teacher explanation using presentation on the meaning and development of fiqh schools. • Group discussion on factors leading to the emergence of different schools.	Questioning during starter activity.	Provide guided notes, key vocabulary list, and partially completed comparison chart.	Think-Pair-Share • Exit Ticket • Traffic Light Cards	Promotes respect for diversity of opinions, tolerance, moderation, and coexistence —values emphasized in the UAE and Islamic heritage.	PowerPoint presentation,	Complete a comparison table of the four Sunni schools and one Shia school.

Moral Science	Courage	Identify different forms of courage—physical, moral, emotional, and social courage. Analyze how courageous decisions influence individuals and society positively.	Brainstorming on the word <i>Courage</i> ; teacher-led discussion with real-life examples; short video/story on a courageous individual. Case-study analysis; group activity categorizing examples of courage; class discussion.	Oral questioning; participation in discussion; exit ticket defining courage in own words. Group presentation; worksheet completion. Role-play performance; reflective paragraph.	Support: Vocabulary support and guided notes. Core: Identify examples of courage. Challenge: Explain why courage is important in difficult situations.	Think–Pair–Share; questioning techniques. Peer assessment	Discuss the courage and determination shown by the founding leaders of the UAE in building the nation. Highlight courageous humanitarian initiatives undertaken by the UAE to support communities worldwide	PPT on Courage; video link; class notes.	Write about a courageous act you have witnessed or experienced.
MSCS	What are the effects of addiction	Explain how addiction affects individuals and society. Identify the social and economic costs of addiction.	Mind Map – Students identify how addiction affects families, health services, law	Type: Formative Assessment Skill: Critical Thinking, Communication, Social Awareness Evidence:	Support: Vocabulary cards (addiction, rehabilitation, anti-	Think-Pair-Share	Discuss how maintaining healthy lifestyles and supporting community well-being aligns with	Cause-and-Effect Worksheet	Complete textbook activity

		Recognize the importance of prevention, support services, and responsible decision-making.	enforcement, and communities. Cause and Effect Chart – Students match addiction-related problems with their consequences (crime, healthcare costs, rehabilitation, anti-social behaviour).	Completed cause-and-effect chart, participation in discussion, exit ticket responses.	social behaviour, support group). Core: Complete the cause-and-effect activity and explain one social cost of addiction Challenge: Suggest community strategies to reduce addiction and support affected		UAE values of responsibility, safety, and social cohesion.		
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