

WEEKLY PLAN-2026-27

GRADE: 9

TERM 2

WEEK – 19 19th October to 23rd October

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	Homework
English	Nine Gold Medals – David Roth	Explain the key events and central message of the poem. Identify how compassion and sportsmanship are shown. Interpret the significance of the nine gold medals	Read and discuss the poem. Sequence the key events. Complete a Challenge → Response → Outcome organiser. Discuss how the runners show	FA: Sequence and cause and effect graphic organizer. Skill: Reading, inference, interpretation, and critical thinking. Evidence: Notebook work, organizer, oral responses and textual evidence.	Support: Partially completed sequence chart, keywords and sentence starters. Core: Complete the organiser independently and explain the poem's message.	Think Pair Share, questioning, graphic organiser and exit ticket. AFL Question: Why is helping the fallen runner considered a greater victory than winning the race?	Link to UAE values of compassion, respect, cooperation, inclusion, perseverance and helping others.	Upload completed sequence/cause-and-effect graphic organiser and class activity.	Write 100–120 words on: “True victory is not always about being first.” Explain your response using Nine Gold Medals as an example.

			compassion and true sportsmanship.		Challenge: Justify why all nine athletes deserved a gold medal using textual evidence				
Mathematics	probability	Calculate and interpret the probability of simple events.	Introduce probability using coins, dice and real-life examples. Demonstrate probability calculations and engage students in individual and group activities.	Oral questioning, worksheet completion and problem-solving tasks.	Support: Identify possible outcomes and solve simple probability questions. Core: Calculate the probability of simple events. Challenge: Solve higher-order problems involving multiple outcomes	Think–Pair–Share, targeted questioning and exit tickets.	Explore probability through examples related to UAE sports and cultural events	Upload lesson notes and worksheets	Solve textbook questions on probability and create two real-life probability examples.

					and justify answers.				
Science (Biology)	CONDUCTING TISSUES- XYLEM AND PHLOEM	1. Identify xylem and phloem as conducting tissues in plants. Differentiate between xylem and phloem based on their functions and components.	Activity: Students prepare a comparison table of xylem and phloem and label their components using diagrams. Think– Pair– Share: Discuss why a plant needs both conducting tissues.	Competency-based: Explain why removing a ring of bark containing phloem can affect food transport in a plant. Evidence: Correct answers, complete comparison table, and labelled diagrams.	Support: Provide a simple diagram and a word bank to identify xylem and phloem. Core: Complete a comparison table showing the functions and components of both tissues. Challenge: Explain how xylem and phloem work together to support plant growth	Ask students to state one difference between xylem and phloem before leaving the classroom.	Connect the lesson to the UAE's Ghaf tree and date palm. Discuss how efficient water transport helps plants survive in hot, dry environments and why protecting native plants is important for UAE biodiversity.	Upload lesson notes, labelled diagrams of xylem and phloem, the comparison worksheet and competency-based questions to the LMS.	1. Draw and label xylem and phloem. 2. Write three differences between xylem and phloem.

					and predict the effect of damage to either tissue.				
Science (Chemistry)	Line Spectrum of Hydrogen	To analyse the formation of the hydrogen line spectrum based on electronic transitions between energy levels and relate it to the emission of light.	Teacher-led discussion and explanation using Bohr's atomic model; textbook reading; observe the hydrogen emission spectrum through a video or simulation; identify electronic transitions and explain the formation of spectral lines.	Formative assessment – Oral questioning, spectrum identification, diagram-based questions and exit tickets. Skills: Observation, interpretation, analysis and application. Evidence: Notebook responses, labelled diagrams and worksheets.	Support: Identify energy levels and spectral lines using labelled diagrams. Core: Explain the formation of the hydrogen line spectrum through electronic transitions. Challenge: Analyse why hydrogen produces discrete spectral lines rather than a continuous spectrum.	Think–Pair–Share, peer assessment, diagram labelling, mini-whiteboard responses and exit tickets.	Connect spectroscopy to the UAE's space exploration initiatives, including the Emirates Mars Mission, where spectral analysis helps scientists investigate the composition of planetary atmospheres.	PPT, hydrogen spectrum diagram, Bohr model animation, simulation link and practice worksheet.	Draw and label the hydrogen line spectrum; explain how spectral lines are formed and why hydrogen produces a line spectrum instead of a continuous spectrum.
Science (Physics)	How forces affect	1. State and explain	Starter (5 min): Demonstra	Type: Formative, practical, and	Support (LA/SEN): Use visual	Think–Pair–Share: Predict the	Connect Newton's second law	PPT: Newton's Second Law	1. State Newton's

	<p>motion: Newtons second and third law</p>	<p>Newton's Second Law of Motion. 2. Establish the relationship between force, mass, and acceleration. 3. Explain force as the rate of change of momentum and derive $(F=ma)$ for constant mass. 4. Apply Newton's second law to solve numerical problems. 5. Analyse</p>	<p>te pushing an empty trolley and a loaded trolley. Ask students to predict which accelerates more under the same force. Concept Development (10 min): Explain Newton's second law using momentum and derive $(F=ma)$. Main Activity (15 min): Students investigate</p>	<p>application-based assessment. Skill: Observation, logical reasoning, mathematical calculation, data interpretation, and problem-solving. Evidence: Completed observation tables, correctly solved numerical problems, verbal explanations, and exit-ticket responses. Success Criteria: Students correctly explain</p>	<p>demonstrations, simplified notes, formula triangles and one fully worked example. Provide guided calculations with step-by-step hints. Core (MA): Solve structured numerical problems involving force, mass, and acceleration independently and interpret experimental results. Challenge (HA): Solve</p>	<p>motion of loaded and unloaded trolleys. Mini Whiteboard s: Solve quick $(F=ma)$ questions. Hinge Question: If the net force doubles while mass remains constant, what happens to acceleration? Peer Assessment : Exchange solutions and check units and calculations . Exit Ticket: Explain one</p>	<p>to UAE space exploration, road safety and transportation technology. Discuss how Newton's laws help engineers understand rocket propulsion and vehicle acceleration . Relate the lesson to the Emirates Mars Mission, highlighting UAE innovation, scientific advancement, and responsible</p>	<p>of Motion. Video: Force, mass and acceleration demonstration. Simulation: PhET Forces and Motion. Worksheet: Differentiated numerical and application-based questions. Online Quiz: Five questions to assess conceptual understanding. Notes: Formula derivation and real-life</p>	<p>second law of motion. 2. Derive $(F=ma)$ using the rate of change of momentum. 3. A force of 40 N acts on an object of mass 8 kg. Calculate its acceleration. 4. A car of mass 1200 kg accelerates at 3 m/s^2. Calculate the net force acting on it. 5. Explain why a loaded shopping trolley is harder to accelerate than an empty trolley when the same force is applied. 6. HOTS: If the net force acting on an</p>
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		real-life applications involving force and acceleration.	how changing force or mass affects acceleration using a trolley demonstration or PhET simulation. Record observations and discuss relationships. Application (10 min): Solve numerical problems and analyse vehicle acceleration, seat belts and sports	Newton's second law, calculate force or acceleration and interpret force–mass–acceleration relationships.	multi-step problems involving net force and acceleration, analyse force–acceleration graphs and explain the law using rate of change of momentum	real-life application of Newton's second law.	engineering .	applications .	object is doubled and its mass is also doubled, what happens to its acceleration? Justify your answer.
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			application s. Plenary (5 min): Students complete an exit ticket explaining the effect of doubling force or mass on acceleration.						
Social Science (History)	Resistance and Resilience: Safeguarding Sovereignty through Resistance, Alliances and Confederacies.	Define resistance and resilience, differentiate between them, and explain how Indian rulers protected their territories through warfare, alliances	Students will identify the differences between resistance and resilience and discuss examples such as Queen Naiki Devi's victory in	Formative assessment through oral questioning, timeline-based questions and short written responses to assess historical understanding, chronological skills and the ability to explain	Support: Provide simplified notes, a word bank and a partially completed timeline. Core: Ask students to explain resistance and resilience with historical	Use think-pair-share and exit tickets where students explain the difference between resistance and resilience and name one historical	Connect the lesson to India's historical heritage, courage, unity and determination to protect sovereignty, while encouraging respect for the UAE's values of resilience,	Worksheet	Prepare a timeline of the key events from 1001 to 1228 and write a short paragraph explaining how Queen Naiki Devi demonstrated resistance.

		and diplomacy using historical examples.	1178, the resistance of the Chandelas, and the establishment of the Delhi Sultanate in 1206 using a timeline and textbook discussion.	examples of resistance.	examples. Challenge: Ask students to evaluate how alliances and political strategies helped Indian rulers safeguard sovereignty.	example of resistance.	cooperation and national identity.		
Social Science (Geography)	Ocean and Life – Ocean Relief and Movement of Ocean Water	Explain the importance of ocean relief and analyse how ocean water movements influence marine life, climate, human activities and the	Students work in groups to research ocean relief features and ocean water movements (waves, tides and currents). Groups prepare	research, geographical understanding, analytical thinking and communication. Peer questioning.	Provide diagrams and guiding questions. Core: Explain the importance and impacts with examples. Challenge: Analyse how ocean currents and tides affect	Think-Pair-Share + peer questioning; exit ticket: How do ocean currents influence climate and marine life?	Connect the importance of the Arabian Gulf and the Indian Ocean to the UAE's maritime heritage, fishing and coastal ecosystems, and to India's	worksheet	Answer: (1) What is the importance of ocean relief? (2) How does ocean water movement impact life and the environment?

		environme nt.	short presentati ons explaining their importanc e and environme ntal impacts, with relevant examples.		climate, biodiversity and coastal livelihoods.		coastal livelihoods, monsoon patterns and marine biodiversity		
Social Science (Economi cs)	Meaning and Importan ce of Personal Finance	1. Explain the meaning of personal finance and identify its key componen ts. 2. Analyse the importanc e of budgeting, saving, spending	Starter: Present a scenario of a student receiving a monthly allowance and ask, “How would you manage this money to meet your needs and save for future goals?”	Diagnostic: Oral questioning about income, expenditure and savings. Formative: Classification activity and budget preparation to assess financial literacy, decision- making and numeracy.	Support: Provide a simplified budget template, visual prompts and a word bank to identify income, expenditure and savings. Core: Students prepare a monthly budget and	Use Think– Pair–Share, targeted questioning , budget- check activities and exit tickets. Ask: “Why might a person with a high income still experience financial difficulties?” Students	Connect personal finance with the UAE’s emphasis on financial responsibilit y, prudent spending, entreprene urship and sustainable economic well-being. Encourage students to make	Upload the lesson presentatio n, personal finance worksheet, sample budget template and assessment questions to Edunation/ MS Teams, as applicable.	Prepare a hypothetical monthly budget showing income, essential expenses, discretionary spending and savings. Briefly explain four reasons why personal finance is

		wisely and financial planning in achieving personal financial goals. 3. Apply basic personal finance principles to simple real-life financial situations.	Teacher Input: Explain personal finance through budgeting, income management, saving, spending, borrowing and financial planning. Collaborative Task: Students classify different financial activities as needs, wants, savings or financial obligations. • Applicatio	Application-based: Students explain how budgeting and saving help achieve financial goals. Evidence: Accurate definitions, completed budgets, logical justifications and relevant real-life examples.	explain three reasons why personal finance is important. Challenge: Students analyse a hypothetical financial situation, prioritise competing needs, evaluate spending choices and propose strategies to achieve short- and long-term financial goals.	write one reason why personal finance matters and one strategy for managing money effectively.	informed financial decisions while recognising the importance of saving, responsible consumption and planning for future needs.	Provide clear instructions and submission deadlines.	important in everyday life.
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			<p>n: Students prepare a simple monthly budget using a hypothetical income and justify their spending and saving decisions.</p> <p>Plenary: Students share one practical financial habit that promotes financial security.</p>						
Hindi	आखिरी चट्टान तक	<ul style="list-style-type: none"> पाठ की विषय-वस्तु को समझना। 	<ul style="list-style-type: none"> पाठ का वाचन एवं व्याख्या। 	<ul style="list-style-type: none"> मौखिक प्रश्नोत्तर। पाठ-आधारित 	<ul style="list-style-type: none"> Support: सरल प्रश्न एवं शब्दार्थ। 	<ul style="list-style-type: none"> प्रश्नोत्तर। थिंक-पेयर-शेयर। 	<ul style="list-style-type: none"> भारतीय साहित्य एवं सांस्कृतिक 	पाठ के नोट्स, शब्दार्थ एवं अभ्यास प्रश्न।	<ul style="list-style-type: none"> पाठ का सारांश लिखिए। पाठ से मिलने

		<ul style="list-style-type: none"> लेखक के विचारों एवं अनुभवों की व्याख्या करना। पाठ के माध्यम से जीवन के प्रति सकारात्मक दृष्टिकोण विकसित करना। 	<ul style="list-style-type: none"> कठिन शब्दों के अर्थ समझना। प्रश्नोत्तर एवं पाठ पर चर्चा। 	लिखित अभ्यास।	<ul style="list-style-type: none"> Core: पाठ-आधारित प्रश्नों के उत्तर। Challenge: पाठ के विचारों का विश्लेषण एवं जीवन से संबंध। 	<ul style="list-style-type: none"> एक्जिट टिकट। 	<p>विरासत के प्रति सम्मान।</p> <ul style="list-style-type: none"> UAE के दृढ़ संकल्प, धैर्य एवं चुनौतियों का सामना करने के मूल्यों से संबंध। 		वाली प्रमुख सीख लिखिए।
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Malayalam	നിങ്ങളും നിങ്ങളുടെ ജോലിയും	വിവിധ തൊഴിലുകളുടെ പ്രാധാന്യം മനസ്സിലാക്കുകയും ഓരോ ജോലിയോടുമുള്ള ആദരവും തൊഴിൽമഹത്വവും തിരിച്ചറിയുകയും ചെയ്യുന്നു.	വിവിധ തൊഴിലുകളുടെ ചിത്രങ്ങൾ നിരീക്ഷിക്കൽ, തൊഴിൽ അനുഭവങ്ങൾ പങ്കുവയ്ക്കൽ, പാഠഭാഗം വായിച്ച് ആശയം ചർച്ച ചെയ്യൽ, വിവിധ തൊഴിലുകളുടെ പ്രാധാന്യം ഗ്രൂപ്പുകളിൽ അവതരിപ്പിക്കൽ.	വാചികചോദ്യങ്ങൾ, പാഠശയത്തെ അടിസ്ഥാനമാക്കിയുള്ള ചോദ്യോത്തരങ്ങൾ, വിവിധ തൊഴിലുകളുടെ പ്രാധാന്യത്തെ കുറിച്ച് കുറിപ്പ് തയ്യാറാക്കൽ.	Support: ചിത്രങ്ങളുടെ സഹായത്തോടെ തൊഴിലുകളും അവയുടെ പ്രാധാന്യവും തിരിച്ചറിയുന്നു. Core: വിവിധ തൊഴിലുകളുടെ പ്രാധാന്യം സ്വന്തം വാക്കുകളിൽ വിശദീകരിക്കുന്നു. Challenge: സമൂഹത്തിന്റെ പുരോഗതിയിൽ വിവിധ തൊഴിലുകൾ വഹിക്കുന്ന പങ്ക് വിശകലനം ചെയ്യുന്നു.	ചോദ്യോത്തരങ്ങൾ, തിക്-പെയർ-ഷെയർ, എക്സിറ്റ് ടിക്കറ്റ്.	യുഎഇയുടെ പുരോഗതിയിൽ വിവിധ തൊഴിലുകളും മുൻനിര പ്രവർത്തകരും വഹിക്കുന്ന പങ്ക് തിരിച്ചറിയുകയും എല്ലാ തൊഴിലുകളും ആദരിക്കുകയും ചെയ്യുന്നു.	പാഠക്കുറിപ്പുകളും പ്രവർത്തനപത്രവും LMS-ൽ അപ്ലോഡ് ചെയ്യുന്നു.	നിങ്ങൾക്ക് ഇഷ്ടപ്പെട്ട ഒരു തൊഴിൽ തിരഞ്ഞെടുത്ത് അതിന്റെ പ്രാധാന്യത്തെ കുറിച്ച് ഒരു ഖണ്ഡിക എഴുതുക.
French	Leçon 9 : Le pronom EN	Les élèves seront capables d'identifier et d'utiliser correctement le pronom <i>en</i> pour remplacer un nom	Rappel des articles partitifs et des expressions de quantité. Explication de l'emploi et de la place du	Formative – Grammaire et écriture : exercices de remplacement des noms par le pronom <i>en</i> , phrases à compléter et correction du cahier.	Soutien : phrases simples avec exemples et mots-clés. Niveau moyen : transformer des phrases en utilisant <i>en</i> .	Questions ciblées, réponses sur ardoise, correction par les pairs et billet de sortie avec trois phrases utilisant <i>en</i> .	Relier le thème à la diversité alimentaire en France et aux Émirats arabes unis, en encourageant le respect des	Fiche de grammaire, exemples et exercices déposés sur le LMS.	Compléter les exercices sur le pronom <i>en</i> et transformer dix phrases en remplaçant les groupes nominaux par <i>en</i> .

		introduit par un article partitif, un article indéfini ou une expression de quantité.	pronom <i>en</i> . Exemples guidés, exercices de substitution et correction collective.		Approfondissement : rédiger des phrases personnelles et répondre à des questions en utilisant <i>en</i> .		différentes habitudes culturelles et alimentaires.		
AI	Math for AI	To Understand and apply basic mathematical concepts such as numbers, patterns, ratios, percentages, and graphs to solve simple AI-related problems.	Starter: Discuss how mathematics helps AI identify patterns and make predictions. Main Activity: Demonstrate how AI uses numbers, percentages, and patterns to analyse data. Students solve	Formative assessment: Oral questioning and worksheet activities. Skill: Numerical reasoning, logical thinking, and problem-solving. Evidence: Correct solutions to mathematical problems and explanations of their applications in AI.	Support (LA): Identify number patterns and solve simple numerical problems with guidance. Core (MA): Solve problems involving percentages, ratios, and patterns in AI-related examples. Challenge (HA): Solve higher-order	Questioning, think-pair-share, peer assessment, and exit tickets to assess students' understanding of mathematical concepts in AI.	Explore how AI and mathematical data analysis support UAE smart cities, traffic management, and sustainability initiatives.	Upload the lesson presentation, activity worksheet, and AI mathematics practice questions to the LMS.	Solve a worksheet on number patterns, percentages, and data interpretation, and explain one way mathematics is used in AI.

			simple problems involving data, ratios, and percentages. Plenary: Students explain how mathematical concepts help AI systems make decisions.		problems involving data interpretation, percentages, and mathematical patterns used in AI predictions.				
Arabic	السيدة المعجزة	يتعرّف - 1 على شخصية هيلين كيلر ودورها الملهم في تحدّي الإعاقة يستنتج - 2 قيمة الإصرار والتحدي من خلال أحداث القصة	تهيئة: عرض صورة لهيلين كيلر وسؤال الطلاب: "ماذا تتوقعون أن تكون قصة هذه السيدة؟ قراءة النص: قراءة نموذجية من المعلم ثم قراءة مشتركة مع الطلاب	نوع التقييم: تكويني + كتابي المهارة: فهم النص – التحليل – التعبير الكتابي	(دعم): صور توضيحية لهيلين كيلر – جمل ناقصة يكملها الطالب – قراءة موجهة (الأساسي): تحديد التحديات التي واجهتها هيلين – كتابة درس واحد مستفاد	ملاحظة أداء الطلاب أثناء العمل الجماعي	تعزيز قيمة الإصرار وتحمل المسؤولية التي تشجع عليها دولة الإمارات	ورقة عمل	اكتب فقرة قصيرة بعنوان: "ما الذي تعلمته من قصة السيدة المعجزة؟"

		<p>يشرح - 3 كيف استطاعت هيلين التواصل والتعلم رغم الصعوبات</p>			<p>(التحدي): كتابة فقرة كاملة حول العلاقة بين الإصرار والنجاح في حياة هيلين. مقارنة بين هيلين وشخصية أخرى ملهمة يعرفها الطالب.</p>				
Islamic Studies	Surah Al-Waqi'ah (1–26) – Ethical Advice and Instructions	<p>Identify the categories of people on the Day of Judgement .</p> <p>Apply the values and teachings conveyed in the Holy verses.</p> <p>Explain the significance and main</p>	<p>Ask students what they know about the Day of Judgement and how their actions influence their Hereafter.</p>	<p>Oral questioning about the Day of Judgement and Paradise.</p> <p>Questioning, verse analysis and group discussion.</p> <p>Students identify the categories of people, explain the significance of the verses and describe the</p>	<p>Match key vocabulary with meanings and identify the categories of people using guided prompts.</p> <p>Explain the main lessons of the verses and describe the rewards of Paradise.</p>	<p>Think–Pair–Share.</p> <p>Targeted questioning .</p> <p>Peer assessment through group discussion.</p>	<p>Promote honesty, compassion , responsibility, respect and service to others, connecting Islamic ethical teachings with UAE values of tolerance, solidarity and social cohesion.</p>	<p>Upload the lesson presentation, Qur'anic vocabulary, verse explanations and differentiated worksheet to the school LMS.</p>	<p>Write a short paragraph explaining the categories of people mentioned in Surah Al-Waqi'ah (1–26), describe two blessings of Paradise and identify two values from the verses that can guide</p>

		<p>lessons of the Holy verses.</p> <p>Describe the blessings and comforts promised to the people of Paradise.</p>		<p>blessings of Paradise.</p>					<p>your daily life.</p>
<p>Moral Science</p>	<p>Justice and Fairness</p>	<p>Define “fairness” and “justice” in simple words.</p> <ul style="list-style-type: none"> Identify fair and unfair situations from everyday life. <p>Explain why rules are important</p>	<p>Role-play: unfair game rules vs. fair game rules.</p> <p>Group task: create “Our Class Fairness Charter”.</p> <ul style="list-style-type: none"> Gallery walk to review each 	<p>Evidence: group charter and role-play observation checklist.</p> <p>Evidence : Mind map: “Justice in my UAE”.</p>	<p>Core: write 3 rules with reasons.</p> <p>Challenge: predict consequences if a rule is not followed and how to fix it.</p> <p>Support: emotion cards and visuals.</p>	<p>Think-Pair-Share;</p>	<p>Sheikh Zayed’s legacy, UAE Constitution , UAE Principles of the 50 and the Ministry of Justice.</p>	<p>PPT, Story text, reflection sheet</p>	<p>Write 2 examples of fairness seen at home or school. Draw or write about a time you helped someone be treated fairly.</p>

		for fairness. • Suggest fair solutions to conflicts among peers.	group's charter. Short video or slides on Sheikh Zayed's values of justice, tolerance and care.						
MSCS	Half-Yearly Question Paper Discussion and Answer Paper Analysis.	Understand the correct answers, analyse their performance in the half-yearly examination , and identify areas for improvement based on the marks and feedback received.	Discuss the half-yearly question paper and explain the correct answers, marking scheme and expected responses. Students will review their answer papers, clarify doubts and correct their mistakes.	Formative assessment through question-and-answer discussions, correction of responses and analysis of students' answer papers to assess subject understanding and answer-writing skills.	Support: Provide simplified explanations and guided corrections for students who need additional help. Core: Ask students to correct errors and improve their answers. Challenge: Encourage students to write detailed, well-structured	Use self-assessment and peer discussion to help students identify mistakes, understand feedback and set targets for improvement.	Encourage responsibility , honesty, perseverance and a growth mindset, connecting these values to the UAE's emphasis on continuous learning and excellence.	Answer key	Read the textbook for the next class to develop prior knowledge and prepare for the upcoming lesson.

					answers using appropriate keywords and examples.				
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