

WEEKLY PLAN-2026-27

GRADE: 9

TERM 1

WEEK – 15 31st August to 4th September

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 World of Limitless Possibilities	Sequence the major events in Dr. Malik's life. Explain how she responded to physical and emotional challenges.	Read the section on her diagnosis, surgery and transition to para-athletics. Complete a Challenge → Response → Outcome graphic	FA: Cause-and-effect graphic organiser. Skill: Reading, inference & interpretation. Evidence: Notebook, organiser, oral responses.	Support: Partially completed timeline and sentence starters. Core: Complete the organiser independently. Challenge: Justify how her mindset contributed to success	Think-Pair-Share, graphic organiser, questioning.	Link to resilience, determination, perseverance and overcoming challenges.	Upload completed graphic organiser.	Write about one challenge Dr. Malik faced and how she overcame it.

			organiser. Discuss how she redefined her limitations		using textual evidence.				
Mathematics	Identity: $(a^3+b^3+c^3-3abc)$	2. Apply the identity to simplify algebraic expressions. 3. Recognise patterns and choose an appropriate identity. 4. Analyse and justify why the identity works and use it to solve non-routine problems.	Groups explore number patterns and discover when $(a^3+b^3+c^3=3abc)$. Explain and justify the pattern.	Formative – reasoning & application; group explanation and solutions.	Support: Guided examples. Core: Standard problems. Challenge: Non-routine/HOTS problems.	Think–Pair–Share; questioning.	Link mathematical patterns to UAE innovation and problem-solving.	Upload notes, worksheet & task.	Solve 3 application-based problems using the identity.

Science (Biology)	PLANT TISSUES	Define meristematic tissue and explain its role in plant growth. - Identify the apical, intercalary and lateral meristems and state their locations. - Compare the three types based on location, function and type of growth.	Think–Pair–Share: <i>“Why does a plant continue to grow throughout its life?”</i>	Skills: Identification, comparison, classification, scientific reasoning and communication Evidence: Correctly labelled diagram, comparison table and student explanations.	Explain how the activity of apical and lateral meristems contributes to primary and secondary growth, with example	Think–Pair–Share	Connect plant growth and adaptation to UAE greening and sustainable landscaping initiatives	PPT, labelled diagram of meristematic tissue, comparison worksheet, and exit-ticket/quiz	Prepare a comparison table of the three types based on location, function and growth produced.
Science (Chemistry)	Journey Inside an Atom: Atomic symbols, atomic number,	- Represent atoms using standard atomic symbols. - Differentiate	- Recall subatomic particles and their properties. - Demonstrate	Type: Formative. Skills: Interpretation, calculation and problem-solving. Evidence: Worksheets, atomic representations and quiz responses.	Support: Formula cards, periodic table and guided examples. Core: Solve	Think–Pair–Share, show-me boards, peer checking, error	Connect atomic research to the UAE’s development in nuclear	- PPT and notes - Atomic-notation worksheet	Complete the assigned word problems and practise

	mass number and word problems	e between atomic number and mass number. • Calculate the number of protons, electrons and neutrons. • Solve word problems using atomic data.	e standard atomic notation. • Guided practice on calculating protons, electrons and neutrons. • Pair and group problem-solving activities. • Apply concepts through word problems and a review quiz.		direct atomic-number and mass-number problems. Challenge: Analyse multi-step and unfamiliar word problems.	analysis and exit ticket.	science, healthcare, energy and scientific innovation.	et • Word-problem practice • Review quiz	finding protons, electrons and neutrons from atomic symbols.
Science (Physics)	How Forces Affect Motion	Explain Newton's three laws of motion using everyday examples. Relate inertia to mass and	Starter: Discuss why passengers move forward when a moving bus stops suddenly.	Diagnostic – Explanation: Initial responses to the bus scenario reveal prior understanding. Formative – Investigation and analysis: Trolley observation tables and explanations show understanding of force, mass, and acceleration. Application – Problem-	Support: Provide illustrated examples, key vocabulary, sentence starters, and guided numerical	Use mini whiteboards to check answers and explanations. Ask the hinge question:	Connect inertia to seat-belt use and responsible road behaviour in the UAE. Relate	Upload lesson slides, a summary of the three laws, demon	Describe three everyday situations, one for each law, and

		resistance to changes in motion. Apply $F=ma$ to solve simple numerical problems. Identify action–reaction pairs and explain that they act on different objects.	Demonstration: Use a card, coin, and cup to demonstrate inertia. Investigation: Use a trolley to compare acceleration when force or mass changes, keeping the other variable constant. Group activity: Launch a balloon rocket and identify the action–reaction	solving: Completed numerical questions demonstrate correct formula use, substitution and units. Exit ticket – Reasoning: Students explain one law and identify the two objects involved in an action–reaction pair.	questions with a formula scaffold. Core: Explain examples of all three laws and independently solve one-step $F=ma$ problems. Challenge: Predict acceleration when both force and mass change; explain why action–reaction forces do not cancel each other on a single object.	“A book rests on a table. Are its weight and the table’s upward force an action–reaction pair?” Use responses to address misconceptions. Finish with a traffic-light self-assessment against the learning objectives.	Newton’s third law to rocket propulsion in the UAE’s space programme, highlighting scientific innovations and national aspirations.	stratio n videos, differentiated worksheets, and a short self-check quiz.	explain the physics involved. Calculate: (1) The force needed to accelerate a 4 kg object at 2 m/s^2. (2) The acceleration of a 3 kg object when the net force is 12 N. Explain how a seat belt
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			forces. Application: Match everyday situations to Newton's laws and solve simple problems using $F=ma$.						helps protect a passenger during sudden braking.
Social Science (History)	The Vedic Age	Explain key features of Vedic literature (Vedas, Upanishads, Epics). Analyse the political organisation (Rajan, Sabha, Samiti).	Think–Pair–Share: “How was early governance democratic?”	Type: Formative Assessment Skill: Understanding, Analysis, Communication Evidence: Exit ticket: Define Sabha and Samiti in 1–2 lines.	Support: Guided notes, keyword bank (Rajan, Vedas, Aryavarta). Core: Paragraph explanation of political organisation.	Questioning during explanation (cold calling + probing questions).	Link idea of early governance and community decision-making to values of unity, consultation, and leadership seen in the UAE's inclusive society.	Short video on Vedic civilisation Lesson notes PDF (Vedic Age summary)	Complete the exercise questions

					Challenge: Compare Sabha & Samiti with modern democratic systems.				
Social Science (Geography)	Climate – Climate Change and Floods	Students will identify the major causes and effects of climate change and floods.	Think-Pair-Share: Identify causes of climate change. Cause–Effect Activity: Match causes with effects. Group Task: Analyse a flood scenario and its impacts.	Formative: Questioning – <i>Identification.</i> Matching: <i>Understanding.</i> Case Study: <i>Analysis.</i>	Support: Pictures, key words and guided matching. Core: Identify major causes and effects. Challenge: Explain the link between climate change and extreme flooding.	Exit Ticket: Write one cause and one effect of climate change and floods.	UAE Sustainability & Environmental Responsibility: Link climate action, water conservation and responsible citizenship to protecting communities and the environment.	worksheet, flood case study, short quiz.	Create a Cause → Effect chart showing 3 causes and 3 effects of climate change and floods.

Social Science (Economics)	Factors Influencing Demand and Supply of Goods and Services	Identify and explain the key factors that influence the demand for and supply of goods and services in a market. • Analyse how changes in these factors cause shifts in the demand and supply curves. • Evaluate the impact of changes in market conditions on	Starter – Real-Life Hook: Students respond to the Big Question: “Why do the prices and availability of goods and services change in a market?” Using familiar examples such as smartphones, food items or transport services, students predict what causes	Type: Formative Assessment Skills: Identification, analysis, graphical interpretation and economic reasoning. Evidence: Completed scenario cards, correctly labelled demand and supply diagrams, group explanations, hinge-question responses and exit-ticket analysis.	Support: Visual factor cards, simplified real-life examples, sentence starters and partially completed diagrams. Core: Independently analyse market scenarios, identify the influencing factor and illustrate the change using appropriate demand or supply curves. Challenge: Evaluate	Think– Pair– Share + Hinge Questions + Traffic-Light Check. Students explain whether a scenario causes a movement along or a shift in a curve, allowing the teacher to identify misconceptions and adapt instruction immediately.	Students examine how changing consumer preferences, innovation, tourism and economic diversification influence markets in the UAE, developing awareness of how market forces contribute to national economic growth and sustainable	Lesson presentation, demand-and-supply factor organizer, differentiated scenario-based worksheet, diagram practice and exit-ticket task.	Students will select two goods or services from their daily lives and analyse at least three factors that could influence their demand or supply. They should explain their findings using relevant
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		consumers , producers and equilibrium in the market.	changes in demand and supply.		complex scenarios involving simultaneous changes in demand and supply and predict their impact on market equilibrium, consumers and producers.		development.		economic reasoning and, where appropriate, a labelled diagram .
Hindi	व्याकरण: उपसर्ग और प्रत्यय	विद्यार्थी उपसर्ग एवं प्रत्यय की परिभाषा समझ सकेंगे। विद्यार्थी शब्दों में उपसर्ग एवं प्रत्यय की पहचान कर सकेंगे।	पूर्व ज्ञान चर्चा। उपसर्ग एवं प्रत्यय की अवधारणा को उदाहरणों सहित समझाना। फ्लैशकार्ड गतिविधि द्वारा शब्द निर्माण।	मौखिक प्रश्नोत्तर, कार्यपत्रिका, शब्द निर्माण गतिविधि। कौशल: पहचान, वर्गीकरण एवं अनुप्रयोग। प्रमाण: विद्यार्थियों की लिखित एवं मौखिक प्रतिक्रियाएँ।	Support: चित्रों और सरल शब्दों की सहायता से पहचान। Core: दिए गए शब्दों में उपसर्ग एवं प्रत्यय पहचानना। Challenge:	थम्ब्स अप/डाउन, एग्जिट टिकट, त्वरित प्रश्नोत्तरी, सहपाठी मूल्यांकन।	हिन्दी भाषा की समृद्धि एवं शब्द निर्माण की प्रक्रिया को समझकर राष्ट्रीय भाषा एवं सांस्कृतिक विरासत के प्रति सम्मान	उपसर्ग एवं प्रत्यय पर पीपीटी, कार्यपत्रिका एवं अभ्यास प्रश्न LMS पर अपलोड	10 शब्द लिखकर उनमें उपसर्ग/प्रत्यय की पहचान करें तथा प्रत्येक से एक नया शब्द बनाइए।

		विद्यार्थी उपसर्ग एवं प्रत्यय लगाकर नए शब्द बना सकेंगे।	जोड़ी कार्य में उपसर्ग एवं प्रत्यय पहचानना। कार्यपत्रिका एवं समूह गतिविधियाँ।		उपसर्ग एवं प्रत्यय का प्रयोग करके नए शब्द एवं वाक्य बनाना।		विकसित करना।	किए जाएँगे।	
Malayalam	കുത്തി എഴുതുക (ഔപചാരികവും അനൗപചാരികവും), കൊടുത്തിട്ടുള്ള വിഷയവുമായി ബന്ധപ്പെട്ട് പത്രവാർത്ത തയ്യാറാക്കുക	ഔപചാരികവും അനൗപചാരികവുമായ കത്തുകളുടെ സവിശേഷതകൾ തിരിച്ചറിയുന്നു. കുത്തിന്റെ ശരിയായ ഘടനയും ഭാഷാശൈലിയും മനസ്സിലാക്കുന്നു.	ഔപചാരികവും അനൗപചാരികവുമായ കത്തുകളുടെ മാതൃകകൾ പരിശോധിക്കുന്നു. കുത്തിന്റെ ഘടകങ്ങളും ഭാഷാശൈലിയും ചർച്ച ചെയ്യുന്നു. വിവിധ സാഹചര്യങ്ങൾ നൽകി	രൂപാത്മക മൂല്യനിർണ്ണയം - വാചിക ചോദ്യങ്ങൾ, കുത്തിന് തയ്യാറാക്കൽ, പത്രവാർത്ത തയ്യാറാക്കൽ, സഹപാഠി വിലയിരുത്തൽ എന്നിവയിലൂടെ പഠനനേട്ടം വിലയിരുത്തുന്നു.	Support: കുത്തിന്റെയും പത്രവാർത്തയുടെയും മാതൃകകളും പ്രധാന സൂചനകളും നൽകുന്നു. Core: നൽകിയ സാഹചര്യത്തിനനുസരിച്ച് കുത്തിന് പത്രവാർത്തയും തയ്യാറാക്കുന്നു. Challenge: സ്വതന്ത്രമായി ശരിയായ	ചിന്തിക്കുക - ജോഡിയിൽ ചർച്ച ചെയ്യുക - പങ്കുവെക്കുക. വാചിക ചോദ്യങ്ങൾ. സഹപാഠി വിലയിരുത്തൽ. എഴുത്തു പ്രവർത്തനം. സ്വയം വിലയിരുത്തൽ.	പൗരബോധം, സാമൂഹിക ഉത്തരവാദിത്വം, ജനാധിപത്യ മൂല്യങ്ങൾ എന്നിവ വളർത്തുന്നു. സമൂഹത്തിലെ സംഭവങ്ങളെ ഉത്തരവാദിത്വത്തോടെ മനസ്സിലാക്കുകയും	കുത്തും പത്രവാർത്തയും LMS-ൽ അപ്ലോഡ് ചെയ്യുന്നു.	ഒരു ഔപചാരിക കുത്തും ഒരു അനൗപചാരിക കുത്തും തയ്യാറാക്കുക. നൽകിയിരിക്കുന്ന വിഷയവുമായി ബന്ധപ്പെട്ട് ഒരു പത്രവാർത്ത

			കുറിപ്പ് തയ്യാറാക്കുന്നു. പത്രവാർത്തയുടെ തലക്കെട്ട്, ആമുഖം, ഉള്ളടക്കം, സ്ഥലം, തീയതി എന്നിവ പരിചയപ്പെടുന്നു.		ഭാഷാശൈലിയും ഘടനയും പാലിച്ച് കുറിയും ആകർഷകമായ പത്രവാർത്തയും തയ്യാറാക്കുന്നു.		പ്രതികരിക്കുകയും ചെയ്യുന്നു.		തയ്യാറാക്കുക.
French	La négation (expressions négatives au présent) La négation au présent	Identifier et utiliser les expressions négatives : ne...pas, ne...jamais, ne...plus, ne...rien, ne...personne au présent. Employer correctement les expressions négatives	Présentation de la règle, exercices de transformation, travail en binômes, jeux de rôle. Lecture courte, activité de repérage, travail de groupe,	Exercices écrits et participation orale. Observation, activité écrite.	S : phrases modèles. C : transformer des phrases affirmatives en phrases négatives. D : rédiger un court dialogue avec différentes négations.	Questions-réponses, ticket de sortie. Évaluation par les pairs, mini tableau blanc.	Respect et communication positive dans la société des EAU. Échanger sur les règles et responsabilités dans la communauté.	PPT, fiche de grammaire, quiz. Texte, exercices interactifs.	Écrire 8 phrases en utilisant différentes expressions négatives. Compléter une fiche de révision.

		dans des contextes variés.	production écrite.						
AI	Data Acquisition – Best Practices for Acquiring Data	To understand the best practices used in data acquisition and apply them in real-life contexts such as surveys, sensors, and digital data collection.	Starter: Show an accurate survey form and a poorly designed/messy data sheet. Students compare them and identify which is more reliable. Teaching: Explain data acquisition, primary and secondary data, surveys,	Formative: Oral questioning, quick quiz and observation – evidence of understanding of key concepts. Classification Activity: Students distinguish between good and poor data collection practices. Practical Assessment: Survey design – evidence of applying data acquisition principles. Exit Questions: Students define data acquisition and identify one best practice.	Support: Match examples of good and poor data collection and use guided templates to create survey questions. Core: Design a simple paper-based survey and identify the best practices used. Challenge: Design a	Think-Pair-Share, questioning, quick quiz, teacher observation and exit ticket.	UAE: Explore how accurate data acquisition supports smart UAE systems, including smart-city sensors, traffic monitoring, weather data and digital government services	PPT presentation, data acquisition worksheet.	Conduct a mini survey with 10 people on a chosen topic such as favourite apps, study habits or sports. Record the method used, data collected and challenges faced.

		sensors, observation and digital data collection. Introduce best practices including accuracy, reliability, avoiding bias, appropriate sampling and ethics. Activity: Students analyse examples of good and poor data collection. Practical Task: Students		digital survey using Google Forms, select an appropriate sample and justify the question types and data collection method.					
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			design a mini survey using paper or Google Forms. Plenary: Discuss how better questions and sampling can improve data quality.					
Arabic	حكيم العرب	أن يتعرف - 1 الطالب على أبرز الصفات القيادية والإنسانية للمغفور له الشيخ زايد بن سلطان آل نهيان "حكيم العرب".	التمهيد - 1 (5 دقائق): عرض صورة لصاحب السمو الشيخ زايد مع عبارة "حكيم العرب"، وطرح سؤال استثارة للتفكير: (ماذا	1. تقييم تكويني وختامي - 1 مهارة القراءة الاستيعابية والفهم - 2 القرائي + مهارة التعبير الكتابي إجابات الطلاب على أسئلة الفهم - 3 والإستيعاب في الدفتر/ورقة العمل، والفقرة القصيرة المكتوبة.	الدعم - 1 (المبتدئ): تقديم نص مرفق بصور توضيحية ومعاني الكلمات بالصور، مع أسئلة اختيار من متعدد.	تذكرة الخروج يكتب كل طالب في ورقة صغيرة صفة واحدة تعلمها من صفات حكيم العرب ويريد تطبيقها غداً	ورقة عمل درس حكيم العرب، عرض تقديمي	كتابة بطاقة شكر ووفاء خطية لحكيم العرب في الدفتر، أو البحث عن حكمة مشهورة للشيخ زايد

وكتابتها بخط جميل				قبل الخروج من الصف.	الأساسي - 2 (المستوى المتوسط): قراءة النص الأساسي والإجابة عن أسئلة الفهم الحرفي والتحليلي وكتابة جمل سليمة. التحدي - 3 (المستوى المتقدم): قراءة مقال قصير إضافي عن رؤية الشيخ زايد البيئية وتلخيصه بأسلوبهم الخاص مع ابتكار شعار يعبر عن الوفاء لإرثه.		تعني لك كلمة "حكمة"؟ ومن هو القائد الذي نلقبه بحكيم (العرب؟). القراءة - 2 التفسيرية والتحليلية (15 دقيقة): قراءة النص قراءة جهرية معبرة من قبل المعلم، ثم قراءات فردية من الطلاب، وتحديد المفردات الجديدة ومعانيها باستخدام السياق. العمل - 3 التعاوني (15 دقيقة): تقسيم الطلاب إلى مجموعات لإنجاز "خريطة	أن - 2 يستخرج الطالب الأفكار الرئيسة والفرعية من النص المقروء، ويكتب فقرة تعبيرية قصيرة يعبر فيها عن امتنانه لقائد الوطن. أن يدرك - 3 الطالب قيمة الحكمة، التسامح، وحب الوطن المستمدة من إرث المؤسس.
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			ذهنية" توثق أهم إنجازات وصفات حكيم العرب (التعليم، الزراعة، السلام). النشاط - 4 الختامي (10) دقائق): مناقشة جماعية حول كيف نقتدي بصفات الشيخ زايد في حياتنا اليومية وفي المدرسة						
Islamic Studies	Pilgrimage (Al-Hajj)	1. Identify the pillars (Arkan) of Hajj, its obligatory duties (Wajibat), and Sunnah practices. 2. Infer the virtues and spiritual	Students share prior knowledge about Hajj and its significance in Islam.	Diagnostic: Questioning and brainstorming. Formative: Classification activity, class discussion, and poster planning. Summative: Advertisement/poster project.	Provide visual organizers, key vocabulary, and a guided template for the advertisement.	Think-Pair-Share • Exit Ticket	Highlights the UAE's commitment to serving pilgrims and promoting Islamic values of unity, equality,	PowerPoint presentation, Hajj ritual sequence chart, worksheet,	Create an illustrated poster or digital advertisement explaining the main rituals

		benefits of Hajj. 3. Design an advertisement explaining the rituals of Hajj in a clear and engaging manner.							of Hajj. Include the pillars,
Moral Science	Our Social Responsibility	Explain the meaning of social responsibility and why it is important in everyday life. • Identify responsibilities towards family, school, community and	Groups create a four-part circle showing responsibilities towards Self – Family – School – Community with examples. Groups receive different social	Exit Ticket: Write one responsibility you have and one action you will take to fulfil it.	Provide picture-based scenarios, sentence starters and a responsibility word bank. Analyse a complex social situation, consider different viewpoints and propose	Think–Pair–Share: What does being socially responsible mean? Exit Ticket: “One responsibility I will practise this week is...”	Connect social responsibility with the UAE values of respect, tolerance, cooperation, community service and care for the environment. Discuss how responsible	PPT/lesson notes: Our Social Responsibility • Scenario cards/activity sheet	“My Responsibility in Action” – Practise one socially responsible action at home or in the community during the

		environment. • Demonstrate responsible behaviour through real-life situations. • Recognise how individual actions can positively affect society.	situations and decide: What is the problem? What is the responsible action? What could happen if nobody takes responsibility?		two practical solutions.		e citizens contribute to a safe, respectful and sustainable UAE community.		week. Write what you did, whom it helped and how you felt.
MSCS	Exploring the UAE Constitution and Understanding the Government System in the UAE	Compare verbal and written standards. Explain the UAE as a constitutional federation Identify aims of the	Discussion, guided reading of constitutional articles, group matching activities, and interpretation	Understanding, analysis, and application will be assessed through comparisons, short answers, and matching UAE Constitution articles to their aims.	Support is provided through vocabulary help, core through structured answers, and challenge through	Learning will be assessed through questioning, peer discussion, and quick checks like exit	UAE values of unity, equality, justice, and citizenship responsibilities under the	Textbook Content	A short paragraph explaining how the UAE Constitution ensures equality, justice,

		UAE Constitutio n from given articles.	ion of real- life examples.		higher- order evaluation of constitution al values.	tickets and matching tasks.	Constituti on.		and protecti on of rights.
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