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SUBJECT	FOCUS	ACTIVITIES	WEBSITES
ENGLISH	<p><u>TOPIC – Dialogue Writing</u></p> <p><u>LEARNING OBJECTIVES-</u></p> <ul style="list-style-type: none">• To develop and extend dialogue writing skills.	<p>Encourage your child -</p> <ul style="list-style-type: none">• Select an incident or a scene from a short story that you have read. Compose a dialogue between two or three characters. The conversation should reveal the following: what a character wants (goals), an inner struggle, a character's strengths, a character's weaknesses, and at least one cue about each character's personality.• Dialogue writing: Students to take the challenge of creating a question on the parameters shared by the teacher and create an effective brainstorming.	<ul style="list-style-type: none">• How to Write Natural Dialogue for Narratives (thoughtco.com)• 19 Ways to Write Better Dialogue — Well-Storied. (well-storied.com)
MATHS EXTENDED	<p><u>TOPIC- Mensuration</u></p> <p><u>LEARNING OBJECTIVES-</u></p> <ul style="list-style-type: none">• Calculate the Area and Perimeter of Compound Shapes.	<p>Motivate your child to-</p> <ul style="list-style-type: none">• Use the given link on activities to calculate area and perimeter• Error Analysis: This lesson starter presents a number of questions on surface area and volume of the prism and pupils are asked if they can spot the mistake.	<ul style="list-style-type: none">• https://www.mathsisfun.com/activity/garden-area.html• Cuboids, Rectangular Prisms and Cubes (mathsisfun.com)• surfacearea-prisms-cylinders-decimals-1.pdf (mathworksheets4kids.com)



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	<ul style="list-style-type: none"> Analyzing – calculating the Volume and surface area of the prisms. Drawing net of the prisms. Calculating Circumference and Area of Circle <p><u>TOPIC- Algebra</u></p> <p><u>LEARNING OBJECTIVES-</u></p> <ul style="list-style-type: none"> Solving Simultaneous Equations by applying <ol style="list-style-type: none"> Elimination method Substitution method 	<ul style="list-style-type: none"> Use the link given to visualise 3d shapes to calculate surface area and volume. <p>Cross curricular:</p> <ul style="list-style-type: none"> Real life application on designing the packing box, application in Physics, Atomic structure, Architecture. Challenge yourself select any one real life situation. Design and apply your mensuration skills to calculate. <ol style="list-style-type: none"> Amount of paint required to cover a certain surface area. Fencing needed for the perimeter of a garden. Volume of soil needed to fill in a ditch. Travel and roadmap reading. Gift wrapping. Finding capacities of containers, tanks etc. Watch the videos on rules of solving equation involving two variables. 	<ul style="list-style-type: none"> https://corbettmaths.com/wp-content/uploads/2013/02/nets-pdf.pdf https://corbettmaths.com/wp-content/uploads/2013/02/area-of-compound-shapes-pdf.pdf For more practice and understanding use the link below on solving simultaneous equations https://www.youtube.com/watch?v=4Woh1BWSaOk
BIOLOGY	<p><u>TOPIC – Coordination and response</u></p> <p><u>LEARNING OBJECTIVES-</u></p>	<p>Encourage your child -</p>	<ul style="list-style-type: none"> https://www1.health.gov.au/internet/publications/publishing.nsf/Content/drugtreat-pubs-front6-wk-toc~drug



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	<ul style="list-style-type: none">• To describe the Structure of CNS is made up of the brain and spinal cord; receptors, different types of neurones, coordinator as brain or spinal cord, effectors, synapses.• Explain the importance of reflex actions and give examples.• Investigation on measuring the reaction time.	<ul style="list-style-type: none">• Relate the concept of reflex arc & encourage students to create an infographic poster on the same using few examples.• Plan and carry out an investigation into the effect of a factor on human reaction time.	<ul style="list-style-type: none">• https://study.com/academy/lesson/how-drugs-affect-the-brain-nervous-system.html• https://www.forbes.com/sites/thomasaspellerchia/2019/07/24/alcohol-research-study-results-may-depend-on-which-group-backs-them/• https://bmcpublichealth.biomedcentral.com/articles/10.1186/1471-2458-10-789• https://www.youtube.com/watch?v=Fm02i4vEi5Q• https://www.toppr.com/guides/biology/neural-control-and-coordination/reflex-action-and-reflex-arc/
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PHYSICS	<p><u>TOPIC- Electrical Energy</u></p> <p><u>LEARNING OBJECTIVES-</u></p> <ul style="list-style-type: none">• To identify the power rating of common household electrical devices.• To calculate the amount of energy transferred from the mains.• To calculate the cost of mains electricity given the cost per kilowatt-hour (kWh).	<p>Motivate your child to -</p> <ul style="list-style-type: none">• Think of ways by which electrical energy is consumed in daily life.• Research how electrical energy is used in houses is measured and recorded.• Analyse and calculate how cost is determined by usage of electrical energy.	<ul style="list-style-type: none">• http://www.bbc.co.uk/schools/gcs/ebitesize/science/aqa/energyefficiency/electricalappliancesrev1.shtml• https://www.hunker.com/12003848/the-uses-of-electric-energy• https://www.energy.gov/energysaver/estimating-appliance-and-home-electronic-energy-use
CHEMISTRY	<p><u>TOPIC- Heat Energetics of a reaction</u></p> <p><u>LEARNING OBJECTIVES</u></p> <ul style="list-style-type: none">• To outline the meaning of exothermic and endothermic reactions.• To interpret energy level diagrams showing exothermic and endothermic reactions. <p><u>TOPIC- Physical and chemical reactions</u></p>	<p>Encourage your child to</p> <ul style="list-style-type: none">• Read the context and summarise your understanding writing at least 5 points. https://www.thoughtco.com/physical-and-chemical-changes-examples-608338• Discuss with your child about what do they understand exothermic and endothermic reactions.• Research on what are the different ways to investigate this type of reaction.	<ul style="list-style-type: none">• https://www.thoughtco.com/physical-and-chemical-changes-examples-608338• https://www.youtube.com/watch?v=eJXL0lrbtqE• https://www.youtube.com/watch?v=4HS6D0hTzdg



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	<p><u>LEARNING OBJECTIVES</u></p> <ul style="list-style-type: none">To identify physical and chemical changes, and understand the differences between them. <p><u>TOPIC -Pattern of reactivity of metals</u></p> <p><u>LEARNING OBJECTIVES</u></p> <ul style="list-style-type: none">To investigate and arrange the reactivity of different metals and carbon in the reactivity series.	<ul style="list-style-type: none">Talk to your child why sodium is stored under oil.Discuss why rusting of iron is a slow process.Compare its reactivity with that of sodium or group-1 elements.Encourage your child to identify the reactivity of different metals and arrange it from most reactive to least reactive metals.Based on the reactivity of metals discuss with them what are the different ways extracting these metals.	<ul style="list-style-type: none">https://www.youtube.com/watch?v=-R2eNZRzq7Q
ARABIC (Arabs)	<p><u>TOPIC –</u> الأساطير</p> <p><u>LEARNING OBJECTIVES-</u> أن يحدد الفكر الرئيسة للنص المعلوماتي أن يحلل المعلومات الواردة مستشهدًا بالأدلة</p>	<p>يكتب الطالب عن أسطورة سمعها أو قرأ عنها بأسلوبه</p> <p>يكتب نصًا تفسيريًا عن التعصب الأعمى للأفكار مبدئيًا رأيه</p> <p>يكتب فقرة من إنشائه مستخدمًا الأفعال التي تنصب مفعولين أصلهما مبتدأ وخبر</p>	<ul style="list-style-type: none">https://ar.wikipedia.org/wiki/%D8%B9%D9%84%D9%85_%D8%A7%D9%84%D8%A3%D8%B3%D8%A7%D8%B7%D9%8A%D8%B1



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	<p>أن يفسر مصطلحات علمية في مجال العلوم الإنسانية</p> <p>TOPIC –</p> <p>التعصب الأعمى للأفكار</p> <p>LEARNING OBJECTIVES-</p> <p>أن يكتب نصوصًا تفسيرية ليعرض وجهة نظره مقدمًا أدلة مقننة وأمثلة</p> <p>أن يطبق استراتيجيات البحث عن المادة</p> <p>TOPIC –</p> <p>الأفعال التي تنصب مفعولين أصلهما مبتدأ وخبر</p> <p>LEARNING OBJECTIVES-</p> <p>أن يتعرف الأفعال التي تنصب مفعولين أصلهما مبتدأ وخبر</p> <p>أن يعربها مع المفعولين</p> <p>أن يوظفها في كتاباته</p>		<ul style="list-style-type: none">• https://ar.wikipedia.org/wiki/%D8%AA%D8%B9%D8%B5%D8%A8• https://www.youtube.com/watch?v=kNBB8NquQSw
ISLAMIC STUDIES (Arabs)	<p>TOPIC – للمجتمع رجاله ونساءه- حجة الوداع ووفاء النبي- صلى الله عليه وسلم-الإيمان فضل من الله تعالى</p>	<p>يكاف الطالب ببعض التكليفات البيتية –يحرص على حفظ سورة الحجرات –يبتعد عن التقليد الأعمى ويحرص على الالتزام بتعاليم الإسلام</p>	<ul style="list-style-type: none">• https://www.youtube.com/watch?v=ClyDzAANalq



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	<p>LEARNING OBJECTIVES-</p> <p>أن يوضح أهم بنود حجة الوداع-*</p> <p>أن يستنتج الدروس والعبر من حجة الوداع-*</p> <p>حدّد مظاهر التشبه بالآخرى</p> <p>أن يستنتج مخاطر التشبه</p> <p>أن يبدي رأيه في صفات المؤمن</p>	<p>يكتب بحثاً عن عن خطورة التشبه</p> <p>أن يكتب موضوعاً عن أهم بنود حجة الوداع</p> <p>أن يكتب موضوعاً عن وفاة النبي ص</p>	<ul style="list-style-type: none">• https://www.youtube.com/watch?v=SrLymqoqm
ARABIC (Non- Arabs)	<p>TOPIC – أحوال الطقس</p> <p>LEARNING OBJECTIVES-</p> <p>أن يوضح التلاميذ حالة الطقس في بلادهم</p> <p>أن يصف التلاميذ فصول السنة المختلفة</p> <p>أن يصمم التلاميذ نشرة جوية</p> <p>أن يقارن التلاميذ بين الطقس في البلاد المختلفة</p>	<p>Encourage your child to</p> <ul style="list-style-type: none">• Create videos about the different seasons.• Design a weather forecasting about the weather case in Dubai.• Compare between the weather case in the seasons in different countries• Create a magazine about the weather	<ul style="list-style-type: none">• https://www.youtube.com/watch?v=ACYx4roqXI4• https://youtu.be/v0hSAaihU4• https://youtu.be/zg0b8ePHZLE• https://youtu.be/v4iApa7mdfA
ISLAMIC STUDIES (Non- Arabs)	<p>TOPIC – Ethical Advice and Instructions</p> <p>LEARNING OBJECTIVES</p> <ul style="list-style-type: none">• Interpret the ayat in their own words• Indicate types of people on the Days of Judgement	<p>Motivate your child to</p> <ul style="list-style-type: none">• Research and write about the Health values of eating fruit before having the main course of meals that include meat.• Research the kinds of Atheism that have spread in these times and compare them to the deniers of Resurrection, then	<ul style="list-style-type: none">• https://www.youtube.com/watch?v=GOVdJSfiCOc



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	<ul style="list-style-type: none">• Indicate the imports of the ayat• Infer the values contained in the Holy verses <p><u>TOPIC-Waqiah 27- 56</u></p> <p><u>LEARNING OBJECTIVES-</u></p> <ul style="list-style-type: none">• Interpret the Hadeeth in their own words• Infer the guidelines contained in the Hadeeth• Indicate the relationship between the belief in Allah (S.W.T) and fear of Him in private and Public• Analyse the effects of forbidden acts.	<p>explain how to respond to them, with reference to Ayat.</p>	
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PSHCEE	<p><u>TOPIC – Child Rights</u></p> <p><u>LEARNING OBJECTIVES-</u></p> <ul style="list-style-type: none">• To explore the different rights of children.• To identify the rights of children that are commonly violated.	<ul style="list-style-type: none">• Discuss with your child the different rights they have and integrate it with the corresponding responsibilities.	<ul style="list-style-type: none">• https://www.youtube.com/watch?v=HCYLdtug8sk
MORAL EDUCATION	<p><u>TOPIC – The Growth of Consultative government in the UAE</u></p> <p><u>LEARNING OBJECTIVES-</u></p> <ul style="list-style-type: none">• To recognise key developments in the growth of government at local and national levels in UAE.	<ul style="list-style-type: none">• Share with your child about the six leaders and how they shaped the UAE.• Encourage your child to read on the local governance and the impact they have on decision making.• Talk to your child about the governments, both federal and local, and the UAE's amalgamation of both traditional and modern politics.	<ul style="list-style-type: none">• http://gulfnews.com/news/uae/society/six-leaders-and-how-they-helped-shape-uae-1.1937162
HISTORY	<p><u>TOPIC – League of Nations</u></p> <p><u>LEARNING OBJECTIVES-</u></p>	<ul style="list-style-type: none">• Students to will watch a video about the League of Nations.• https://www.youtube.com/watch?v=Gsb93GOLSGY	<ul style="list-style-type: none">• https://www.bbc.co.uk/bitesize/guides/z98xj6f/revision/1



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	<ul style="list-style-type: none">To examine the success of the league of Nations.	<ul style="list-style-type: none">'The league of nations was successful in achieving its aims.' How far do you agree to this statement? Explain your answer.How far do you agree that the structure of the League was the major reason for its down fall? Explain your answer.Create a political cartoon portraying the role of the League of Nations using one or more of the following: Symbols, Caricatures, and/or Stereotypes.	<ul style="list-style-type: none">https://courses.lumenlearning.com/suny-hccc-worldhistory2/chapter/the-league-of-nations/
UAE SOCIAL STUDIES	<p><u>TOPIC – Aztec Civilization in Mexico</u></p> <p><u>LEARNING OBJECTIVES-</u></p> <ul style="list-style-type: none">To examine the achievements of the indigenous people of N. America and their historical background.	<ul style="list-style-type: none">Help your child list the causes of the decline of the indigenous population of N. America.Try and reason with your child why the indigenous people of N. America called Indians by the European explorers in the 15th century.	<ul style="list-style-type: none">MOE UAE SST Text Book year 9
GEOGRAPHY	<p><u>TOPIC – Earthquakes and Tsunamis</u></p> <p><u>LEARNING OBJECTIVES-</u></p> <ul style="list-style-type: none">To justify why earthquakes, occur along the plate margins	<ul style="list-style-type: none">Help your child a locate on the world map the major earthquake zones and mark the tectonic plates around it.Guide your child to give reasons why there are no major earthquake activities in UAE.	<ul style="list-style-type: none">https://video.nationalgeographic.com/video/news/101-videos/00000144-0a30-d3cb-a96c-7b3dc88c0000



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			<ul style="list-style-type: none">• https://www.youtube.com/watch?v=xyKgamjegtQ
FRENCH	<p><u>TOPIC – A la boutique</u></p> <p><u>LEARNING OBJECTIVES-</u></p> <ul style="list-style-type: none">• To understand information about shops and services.• To shop for clothes and souvenirs.• To specify and modify requirements	<p>Encourage your child -</p> <ul style="list-style-type: none">• Make a vocabulary booklet based on extended shopping vocabulary. https://quizlet.com/560419550/faire-du-shopping-flash-cards/?new https://quizlet.com/560419851/faire-du-shopping-2-flash-cards/?new• Look and listen: https://www.youtube.com/watch?v=QJxRwhBlQxl	<ul style="list-style-type: none">• www.language-gym.com• www.francaisfacile.com• www.linguascope.com• www.lepointdufshackle.net• www.atantot-extra.co.uk vocabulary games• www.languagesonline.org.uk good for vocabulary and grammar



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		<ul style="list-style-type: none">• https://www.youtube.com/watch?v=XF6XO81QNeY• Get inspired and then make up your own dialogue and record a podcast or make a video	
ICT	<p><u>TOPIC – INTRODUCTION TO JAVASCRIPT</u></p> <p><u>LEARNING OBJECTIVES-</u></p> <ul style="list-style-type: none">• To Research and Examine about JavaScript language and its purpose in everyday life.	<p>Motivate your child -</p> <ul style="list-style-type: none">• Research and explain about the different programming languages.• Understand the basic concept of data types in JavaScript.• Create a simple JavaScript program and explain the purpose of JavaScript and its applications.	<ul style="list-style-type: none">• https://www.w3schools.com/js/default.asp• https://www.khanacademy.org/computer-programming/defining-your-own-functions-javascript/a877982168



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STEAM	<p><u>TOPIC – Data Handling using Micro: bit</u></p> <p><u>LEARNING OBJECTIVES-</u></p> <ul style="list-style-type: none">• To analyze and explain the usage of sensors in devices and to use the Micro: bit to collect the data.	<ul style="list-style-type: none">• Encourage your child to recognize the importance of sensors in smart technology.• Parent can explain the purpose of different sensors, demonstrating an understanding of their suitability for purpose.• Create a light sensor program to get the micro: bit to display the temperature.• Create a report on how smart lighting systems work.	<ul style="list-style-type: none">• https://microbit.org/lessons/data-handling-treasure-hunt/
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