



The Winchester School

Year 7- Family Learning Newsletter -May- 2025

SUBJECT	FOCUS	ACTIVITIES	WEBSITES
ENGLISH	<p>TOPIC: Reading skills</p> <p>LEARNING OBJECTIVES-</p> <ul style="list-style-type: none"> ❖ To develop simple, complex and authorial skills. 	<p>Activities: Motivate the students to complete the following:</p> <p>In light of internal and external exams that challenge the reading and analytical skills of the students, the following activity has been designed.</p> <ul style="list-style-type: none"> ❖ Guide your ward in reading the article provided in the link on 'Role of Keystone Species in an Ecosystem'. ❖ Create bullet points that cover the main points of the passage. ❖ With your child look up Bloom's Taxonomy and create a range of questions that challenge the child on varied skills. Ensure questions are created using verbs from all levels. 	<ul style="list-style-type: none"> • https://education.nationalgeographic.org/resource/role-keystone-species-ecosystem/ • https://cft.vanderbilt.edu/wp-content/uploads/sites/59/Blooms-Taxonomy.pdf
MATHS	<p>TOPIC: Surface area & volume of cubes and cuboids</p> <p>LEARNING OBJECTIVES-</p> <ul style="list-style-type: none"> ❖ To investigate the relationship between the dimensions of cubes and cuboids and their corresponding volumes. ❖ To calculate the volume of cubes and cuboids using appropriate formulas and apply the concept of volume to solve real-life problems. 	<p>Activity-Encourage your child to complete the following</p> <ul style="list-style-type: none"> ❖ Start by selecting everyday items such as a fish tank, cereal box, or storage container, and use a ruler or measuring tape to measure their length, width, and height. Record these measurements in a table. Then, calculate the volume of each cube and cuboid using the formula $V = l \times w \times h$, where V is volume, l is length, w is width, and h is height. Guide students to analyze the data they've collected and encourage them to compare the volumes with the objects' dimensions to deepen their understanding. ❖ Investigate and explore the surface area of cubes and cuboids. Start by examining a cube and a cuboid, and note their characteristics such as edges, faces, and vertices. Select a cube and measure the length of one edge using a ruler or measuring 	<ul style="list-style-type: none"> • Surface Area video • NRICH - Surface Area and Volume Problems • Third Space Learning - Cuboids • Transum - Surface Area Practice Activity



The Winchester School

Year 7- Family Learning Newsletter -May- 2025

❖ To investigate the relationship between the dimensions of cubes and cuboids and their corresponding surface areas.

TOPIC: Pie Chart

LEARNING OBJECTIVE:

- To understand and interpret data presented in a pie chart, and to effectively communicate information using pie charts.

TOPIC: Straight Line Graph

LEARNING OBJECTIVE:

- To be able to plot straight line graphs and interpret the meaning of the graph in real-life contexts.

tape. Record this measurement as the "edge length" of the cube. Calculate the surface area of the cube using the formula. Repeat these steps for different cubes with varying edge lengths. Record the measurements and calculated surface areas in a table. Discuss the findings and relate them to the mathematical concept of surface area and the formula used for calculation.

- ❖ Data Analysis: Provide with different pie charts and ask them to analyze and interpret the data. They can identify the largest and smallest sectors, calculate percentages, and draw conclusions based on the information presented.

- ❖ Real-life Data Analysis: Provide with sets of real-life data, such as temperature variations over a week, stock market prices over a month, or population growth over a decade. Ask students to plot the data on a straight-line graph and interpret the trends and patterns they observe.

[Transum - Pie Chart Activity](#)

[Third Space Learning - Pie Charts Guide](#)

[Third Space Learning - Straight-Line Graphs](#)

[NRICH - Beelines Problem](#)



The Winchester School

Year 7- Family Learning Newsletter -May- 2025

<p>SCIENCE</p>	<p>TOPIC – Waves & Sound Waves Space science</p> <p>LEARNING OBJECTIVES-</p> <ul style="list-style-type: none">❖ To define the following terminologies:<ul style="list-style-type: none">✚ Frequency✚ Amplitude✚ Electromagnetic spectrum❖ To draw and label the structure of Ear.❖ To explain how the eardrum vibrates.❖ Applications of sound❖ To describe the moon and the phases of the moon.❖ To know the importance of rockets to spacecrafts.	<p>Activities: Encourage your ward to read</p> <p>A. Waves Activity http://www.bbc.co.uk/schools/gcsebitesize/science/aqa/waves/generalwavesact.shtml</p> <p>B. General Properties of Waves – Test http://www.bbc.co.uk/bitesize/quiz/q61130100</p> <p>C. Electromagnetic Spectrum Activity http://www.bbc.co.uk/schools/gcsebitesize/science/aqa/waves/soundandlightact.shtml</p> <p>D. Detecting Sound – Test http://www.bbc.co.uk/education/guides/z8d2mp3/test</p> <ol style="list-style-type: none">1. Encourage your ward to make models of phases of moon.2. Motivate your ward to make infographic posters about spacecrafts.	<ul style="list-style-type: none">• http://www.bbc.co.uk/schools/gcsebitesize/science/aqa/waves/generalwavesrev1.shtml• http://www.bbc.co.uk/schools/gcsebitesize/science/aqa/waves/soundandlightrev1.shtml• http://www.bbc.co.uk/education/guides/zwjsgk7/revision• http://www.bbc.co.uk/education/guides/z8d2mp3/revision/2• interesting ways that sound waves are used - Soundwave Art• Lunar Phases and Eclipses - NASA Science• Rockets Guide - How Rockets Work (nasa.gov)
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The Winchester School

Year 7- Family Learning Newsletter -May- 2025

<p>ARABIC (Arabs)</p>	<p>عصفورا السيدة بيرونيه – TOPIC</p> <p>LEARNING OBJECTIVES-</p> <p>أن يحلل الطالب القصة إلى عناصرها الفنية</p> <p>أن يحلل القصة تحليلًا أدبيًا</p> <p>أن يحدد دلالة العبارات والألفاظ في القصة</p> <p>أن يعلل استخدام اللغة المجازية في القصة وكيف تؤثر على النص</p> <p>أن يكتب الطالب موضوعًا وصفيًا عن الطبيعة مستخدمًا الألفاظ الدالة على الألوان والحركة والصوت</p> <p>العدد والمعدود – TOPIC</p> <p>LEARNING OBJECTIVES-</p> <p>يتعرف أحوال العدد مع المعدود مراعيًا أحوالهما في التوظيف من واحد إلى عشرة</p> <p>يستخدم العدد في كتابة فقرات</p>	<p>يحلل الطالب القصة تحليلًا أدبيًا وفنيًا</p> <p>يحدد دلالات العبارات</p> <p>يحدد وظيفة اللغة المجازية في النص</p> <p>يكتب نصًا في وصف الطبيعة موظفًا ألفاظ الصوت واللون والحركة</p> <p>يكتب فقرة قصيرة باستخدام العدد والمعدود</p>	<ul style="list-style-type: none">https://mawdoo3.com/%D9%85%D9%88%D8%B6%D9%88%D8%B9_%D8%AA%D8%B9%D8%A8%D9%8A%D8%B1_%D8%B9%D9%86_%D9%88%D8%B5%D9%81%D8%A7%D9%84%D8%B7%D8%A8%D9%8A%D8%B9%D8%A9https://mawdoo3.com/%D9%82%D9%88%D8%A7%D8%B9%D8%AF_%D8%A7%D9%84%D8%B9%D8%AF%D8%AF_%D9%88%D8%A7%D9%84%D9%85%D8%B9%D8%AF%D9%88%D8%AF
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The Winchester School

Year 7- Family Learning Newsletter -May- 2025

<p>ISLAMIC STUDIES (Arabs)</p>	<p>التواضع – TOPIC</p> <p>المجالس وآدابها</p> <p>LEARNING OBJECTIVES-</p> <p>أن يشرح مفهوم التواضع في الإسلام</p> <p>أن يستنتج مجالات التواضع</p> <p>أن يوضح فوائد التواضع للفرد والمجتمع</p> <p>أن يستدل على مواقف للتواضع وتعارض التكبر</p> <p>أن يستنتج ثمرات التأدب بآداب المجلس</p> <p>أن يبين أنواع المجالس</p> <p>أن يحدد آداب المجالس وأخلاقها</p> <p>أن يذكر ويحفظ دعاء كفارة المجلس</p>	<p>مهمة بحثية في القرآن الكريم للمقارنة بين كلمتي الهون بضم الهاء والهون بفتح الهاء وكتابة الآيات التي تتضمنها</p> <p>ظهر تواضع النبي في مواقف كثيرة وله صور متعددة مثل طعامه وشرابه وملابسه وأخلاقه . وضح ذلك بأمثلة من تلك المواقف وماذا نتعلم منها</p> <p>اذكر موقفا تعرضت له في مجلس من المجالس وماذا تعلمت منه؟</p> <p>عدّد أكبر عدد من المجالس النافعة التي يعفدها الناس في وقتنا الحاضر</p> <p>ما الفرق بين المجلس الصالح والمجلس السوء مع الدليل</p>	<ul style="list-style-type: none">• https://seraj-uae.com/file/1175/• https://uae-school.com/archives/34181• https://www.bayut.com/mybayut/ar/%D8%A7%D8%AF%D8%A7%D8%A8-%D8%A7%D9%84%D9%85%D8%AC%D9%84%D8%B3/• https://kalemtayeb.com/safahat/item/9384
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The Winchester School

Year 7- Family Learning Newsletter -May- 2025

<p>ARABIC (Non- Arabs)</p>	<p>TOPIC – مسؤولياتنا تجاه الآخرين (القضايا الإنسانية – أعمال خيرية)</p> <p>LEARNING OBJECTIVES-</p> <p>أن يشرح الطالب بعض القضايا الإنسانية أن يصف الطالب الأعمال الخيرية</p> <p>- أن يقترح الطالب بعض الأعمال الخيرية أن يصمم الطالب مخططاً ذهنيًا عن الأعمال الخيرية أن يوضح الطالب أهمية الأعمال الخيرية أن يوظف الطالب الأساليب الأدبية والصور الجمالية أن يحلل الطالب النص تحليلاً لغويًا وأدبيًا</p>	<p>تصميم مشروع لجمع التبرعات لخدمة قضية إنسانية</p> <p>كتابة مقال عن الاعمال الخيرية في الإمارات</p>	<p>https://learnarabiconline.ksu.edu.sa/Account/Login.aspx</p>
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The Winchester School

Year 7- Family Learning Newsletter -May- 2025

<p>ISLAMIC STUDIES (Non- Arabs)</p>	<p>TOPIC – THINKING IN ISLAM</p> <p>LEARNING OBJECTIVES-</p> <ul style="list-style-type: none"> ❖ To elucidate the significance of creative thinking in Islam. ❖ To analyze the effective role of thinking in the development of civilization. 	<p>Activities: Encourage your child to</p> <ul style="list-style-type: none"> ❖ Motivate your child to Research and write an article about the efforts of U.A.E rulers to build an innovative and sustainable environment for all in the country and their encouragement to everyone to use their energies on the right track. 	<p>https://www.islamicity.org/103475/the-revival-of-critical-thinking-and-creativity-in-muslim-societies/</p>
<p>PSHCEE</p>	<p>Topic: Balance</p> <p>Learning Objectives:</p> <ul style="list-style-type: none"> ❖ To know about the key features related to the different lives of people in the country students have studied. ❖ To know about the similarities and differences between the lives of people in different countries. ❖ To be able to explain how the lives of people in one country or group are affected by the activities of other countries or group. 	<p>Activities:</p> <ul style="list-style-type: none"> ❖ Motivate your child to discuss on how one's lifestyle is different from yours. ❖ Encourage your child to talk about the similarities of your culture with other countries. ❖ Encourage your child to have an understanding and respect other people's culture and practices. ❖ Motivate your child to play a guessing game with your family about famous landmarks of different countries. 	<p>https://www.ampglobalyouth.org/2020/06/20/5-reasons-diversity-important-21st-century/</p>



The Winchester School

Year 7- Family Learning Newsletter -May- 2025

MORAL EDUCATION	<p>Topic: Respect and Tolerance in a Diverse Society</p> <p>Learning Objectives:</p> <ul style="list-style-type: none">❖ Explain how social background plays a role in fostering tolerance and respect between people.❖ Give reasons why it is important to respect the beliefs, values and traditions of other people.❖ Articulate some of their own prejudices and provide strategies to overcome them.❖ Demonstrate tolerance of differences and treat peers with respect in interactions in the classroom and around school.	<p>Activities: Motivate your child to:</p> <ul style="list-style-type: none">❖ Research on the different cultures present in society and compare it with your own.❖ Explain how values are important and why they play an important role in our lives.❖ Create a play that revolves around culture and values present in your community.	<ul style="list-style-type: none">• https://www.parenttoolkit.com/social-and-emotional-development/advice/social-awareness/teaching-kids-ages-8-11-to-respect-diversity
HISTORY	<p>TOPIC – The Glorious Revolution</p> <p>LEARNING OBJECTIVES-</p> <ul style="list-style-type: none">❖ To investigate the events of 1688.	<p>Activities: Motivate your child evaluate</p> <ul style="list-style-type: none">❖ To what extent was it a Glorious Revolution?	<ul style="list-style-type: none">• https://www.parliament.uk/about/living-heritage/evolutionofparliament/parliamentaryauthority/revolution/



The Winchester School

Year 7- Family Learning Newsletter -May- 2025

GEOGRAPHY	<p>TOPIC – Biomes of Africa</p> <p>LEARNING OBJECTIVES-</p> <ul style="list-style-type: none"> • To describe the biomes of Africa. 	<p>Activities: Motivate your child to compare and contrast the biomes of Africa.</p>	<ul style="list-style-type: none"> • https://thegeographyteacher.com/africa-biomes/
UAE SOCIAL STUDIES	<p>TOPIC – The City States or Ancient Greece</p> <p>Learning Objectives:</p> <ul style="list-style-type: none"> • To explore the ancient Greek city-states. 	<p>Activities: Motivate your child research about the following types of government.</p> <ul style="list-style-type: none"> ❖ Dictatorship ❖ Constitutional Monarchy ❖ Tribal leader ❖ Republic Describe & compare with the types in Aristotle's framework 	<ul style="list-style-type: none"> • Year 7 UAE SST MOE Text Book
FRENCH	<p>TOPIC –: On Va Au Cinéma</p> <p>LEARNING OBJECTIVES-</p> <ul style="list-style-type: none"> • To talk about future plan using the near future tense. • To enquire about time and be able to tell it as well. 	<p>Activities:</p> <ul style="list-style-type: none"> ❖ Encourage your child to do a regular work: 15- 20 minutes 5 times a week spent with French will guarantee a good progress. ❖ Motivate your child to Listen together to a French radio station while doing household chores. ❖ Encourage your child to Make their own flashcards or use www.quizlet.com to print ready ones to practice vocabulary. 	<ul style="list-style-type: none"> • languages online - Aller + Infinitif - Aller + Infinitive • https://www.francaisfacile.com/exercices/exercice-francais-2/exercice-francais-12541.php • Dire l'heure Flashcards Quizlet • Je vais au cinéma



The Winchester School

Year 7- Family Learning Newsletter -May- 2025

ICT	TOPIC – Flowcharts and Algorithms LEARNING OBJECTIVES- <ul style="list-style-type: none">❖ To explore and evaluate the purpose of flowchart and algorithm in real life	Activities: Encourage your child to <ul style="list-style-type: none">❖ Explore the purpose of using algorithms and flowchart in real life and explain with example.❖ Create a report, on everyday routines to explain Algorithms and flowchart.	<ul style="list-style-type: none">• https://diana-vile.medium.com/everyday-routines-to-explain-algorithms-flowcharts-1b17a4415023
STEAM	TOPIC – SAM LAB- Passcode LEARNING OBJECTIVES- <ul style="list-style-type: none">❖ To recognize the importance of creating a secure password/passcode for protecting personal information and how to create one.❖ To integrate and exhibit learning by programming systems using AND logic blocks that require input of a specific passcode in order for the output to be activated.	Activities: <ul style="list-style-type: none">❖ Encourage your child to recognize the importance of creating a secure password for protecting personal information❖ Parents can explain the importance of using a mixture of letters, numbers and symbols when formulating a password.❖ Motivate your child to design a system that requires a passcode to illuminate an RGB LED.❖ Discuss with your child to create a report on how passcode systems work	<ul style="list-style-type: none">• STEAM for Educators - K-8 STEM and Coding



The Winchester School

Year 7- Family Learning Newsletter -May- 2025

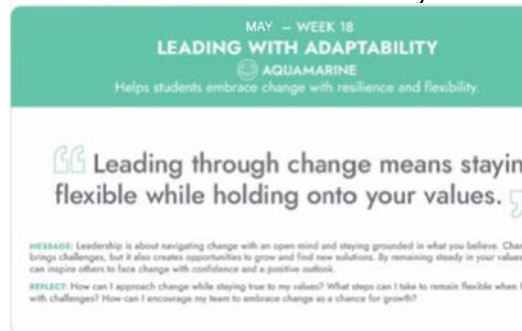
Leadership GEMSTONES

Week 18



Leadership GEMSTONES
Focus for the Month of May
**LEADING WITH ADAPTABILITY
(AQUAMARINE)**

- ❖ Helps students embrace change with resilience and flexibility.



MAY - Quote for Week 18

“Leading through change means staying flexible while holding onto your values”

MESSAGE: Leadership is about navigating change with an open mind and staying grounded in what you believe. Change brings challenges, but it also creates opportunities to grow and find new solutions. By remaining steady in your values, you can inspire others to face change with confidence and a positive outlook.

REFLECT: Encourage your child to approach challenges with a positive mindset and see them as opportunities for growth.

- ❖ How can I approach change while staying true to my values?
- ❖ what steps can I take to remain flexible when faced with challenges?
- ❖ How can I encourage my team to embrace change as a chance for growth?

❖ Click on the Padlet link or scan the QR code to share your views on *Leading with Adaptability* and what *have you done to embrace the quotes of the week?* Share your stories or actions to inspire others!


❖ https://padlet.com/The_Winchester_School/leadership-gemstones-aj862joxymy567





The Winchester School

Year 7- Family Learning Newsletter -May- 2025

<p>Leadership GEMSTONES</p> <p>Week 19</p>	<p>Leadership GEMSTONES</p> <p>Focus for the Month of May</p> <p>LEADING WITH ADAPTABILITY (AQUAMARINE)</p> <ul style="list-style-type: none"> ❖ Helps students embrace change with resilience and flexibility. 	<p>May - Quote for Week 19</p> <p><i>"Sometimes you need to let go of old ways to make room for something better."</i></p> <p>MESSAGE: Sometimes you need to stop doing things that no longer work to make room for better ideas and opportunities. Letting go helps you and your team improve and grow.</p> <p>REFLECT: Encourage your child to approach challenges with a positive mindset and see them as opportunities for growth.</p> <ul style="list-style-type: none"> ❖ What habits and ideas can I let go of to grow as a leader? ❖ How can I embrace new opportunities and changes? 	
<p>Leadership GEMSTONES</p> <p>Week 20</p>	<p>Leadership GEMSTONES</p> <p>Focus for the Month of May</p> <p>LEADING WITH ADAPTABILITY (AQUAMARINE)</p> <ul style="list-style-type: none"> ❖ Helps students embrace change with resilience and flexibility. 	<p>May - Quote for Week 20</p> <p><i>"Listening to feedback helps you learn; using it helps you improve."</i></p> <p>MESSAGE: Feedback is important because it helps you learn and get better. When you listen to advice and make changes, it shows that you want to grow and improve.</p> <p>REFLECT: Encourage your child to actively listen to others with an open mind, showing respect for different perspectives.</p>	



The Winchester School

Year 7- Family Learning Newsletter -May- 2025

	<p style="text-align: center;">MAY – WEEK 20 LEADING WITH ADAPTABILITY AQUAMARINE Helps students embrace change with resilience and flexibility.</p> <p style="text-align: center;">“Listening to feedback helps you learn; using it helps you improve.”</p> <p><small>MESSAGE: Feedback is important because it helps you learn and get better. When you listen to advice and make changes, you show that you want to grow and improve. REFLECT: How can I make sure I listen carefully to feedback from others and teachers? What steps can I take to act on feedback and show I'm learning?</small></p>	<ul style="list-style-type: none"> ❖ How can I make sure I listen carefully to feedback from others and teachers? ❖ What steps can I take to act on feedback and show I am learning? 	
<p>Leadership GEMSTONES Week 21</p>	<p>Leadership GEMSTONES Focus for the Month of May LEADING WITH ADAPTABILITY (AQUAMARINE)</p> <ul style="list-style-type: none"> ❖ Helps students embrace change with resilience and flexibility. <p style="text-align: center;">MAY – WEEK 21 LEADING WITH ADAPTABILITY AQUAMARINE Helps students embrace change with resilience and flexibility.</p> <p style="text-align: center;">“Being flexible in how you solve problems makes you stronger.”</p> <p><small>MESSAGE: Leaders who are open to new ways of doing things can help their team grow. Sticking to just one way of thinking can stop progress. REFLECT: How can I try new methods while staying true to my goals? What new ideas could help me and my team solve problems better?</small></p>	<p>May - Quote for Week 21</p> <p><i>“Being flexible is how you solve problems makes you stronger.”</i></p> <p>MESSAGE: Leaders who are open to new ways of doing things can help their team grow. Striking to just one way of thinking can stop progress.</p> <p>REFLECT: Encourage your child to practice kindness, fairness, and responsibility in their daily actions, as these build trust and strong leadership.</p> <ul style="list-style-type: none"> ❖ How can I try new methods while staying true to my goals? ❖ What new ideas could help me and my team solve problems better? 	