



# The Winchester School

## Year 7- Family Learning Newsletter –February- 2025

SUBJECT	FOCUS	ACTIVITIES	WEBSITES
❖ ENGLISH	<p><b>TOPIC: The Gold-Bug</b></p> <p><b>LEARNING OBJECTIVES-</b></p> <ul style="list-style-type: none"><li>❖ To analyse the concept of ciphers and codes, similar to the one used in Edgar Allan Poe's <i>The Gold Bug</i>.</li></ul>	<p><b>Activities:</b></p> <ul style="list-style-type: none"><li>❖ Motivate your child to recall the cipher used in the story (the substitution cipher). If needed, guide them by discussing how characters in the story use symbols to represent letters.</li><li>❖ Encourage your child design their own cipher using symbols, shapes, or pictures that represent the letters of the alphabet. For example, they might choose to represent vowels with stars or use simple geometric shapes for consonants.</li><li>❖ Using their cipher, your child will write a secret message. They should make sure to write the message clearly and legibly.</li><li>❖ Encourage the students to give their parent the secret message to decode. The parent should try to figure out the message by comparing the symbols to the cipher. Once the message is decoded, you can both discuss its meaning!</li><li>❖ After the message is decoded, discuss how it felt to use a cipher, just like the characters in <i>The Gold Bug</i> did. Was it easy or hard to create and decode the cipher? How did Poe use the cipher in the story to reveal hidden information? Discuss how the use of a code helps make the plot more exciting and mysterious.</li></ul>	<ul style="list-style-type: none"><li>❖ <a href="https://michaelmacherablog.com/2024/06/08/poes-hidden-gem-the-gold-bug/">https://michaelmacherablog.com/2024/06/08/poes-hidden-gem-the-gold-bug/</a></li></ul>



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<p>MATHS</p>	<p><b>TOPIC: Percentage</b></p> <p><b>LEARNING OBJECTIVES-</b></p> <ul style="list-style-type: none"><li>❖ To understand and apply the concept of finding the percentage of an amount in real-life situations.</li><li>❖ To Calculate the percentage increase or decrease between two quantities.</li><li>❖ To Apply the concept of percentages in various problem-solving situations.</li></ul> <p><b>Topic- Area and Perimeter of 2D shapes</b></p> <p><b>LEARNING OBJECTIVES-</b></p> <ul style="list-style-type: none"><li>❖ To identify and describe the symmetry of 2D shapes.</li><li>❖ To calculate the area of 2D shapes and understand the concept of area in relation to geometric figures.</li><li>❖ To calculate the perimeter of 2D shapes and understand the concept of perimeter in relation to geometric figures.</li></ul>	<p><b>Activities: Encourage your child to complete the following:</b></p> <ul style="list-style-type: none"><li>❖ If they receive pocket money, encourage them to allocate percentages for different uses (e.g., 50% savings, 30% spending, and 20% charity).</li><li>❖ Visit an online shopping website or use a store catalogue. Ask students to calculate the discounted prices of items using given percentages (e.g., 20%, 30%, or 50% off).</li><li>❖ Provide students with rectangular objects (e.g., gift boxes). Have them calculate how much wrapping paper (area) and ribbon (perimeter) is needed.</li><li>❖ Ask students to find various objects at home (e.g., books, tables, photo frames) and measure their dimensions. Have them calculate the area and perimeter of these objects assuming they are rectangular or other shapes.</li></ul>	<ul style="list-style-type: none"><li>❖ <a href="#">Increase and decrease an amount by a percentage - Percentages - Edexcel - GCSE Maths Revision - Edexcel - BBC Bitesize</a></li><li>❖ <a href="https://www.mathsisfun.com/numbers/percentage-change.html">Percentage Change https://www.mathsisfun.com/numbers/percentage-change.html</a></li><li>❖ <a href="https://www.transum.org/Maths/Exercise/Area/Area and Perimeter">https://www.transum.org/Maths/Exercise/Area/Area and Perimeter</a></li><li>❖ <a href="#">List of Important Formulas of Area &amp; Perimeter of 2D Shapes</a></li></ul>
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SCIENCE	<p><b>TOPIC –FORCES</b></p> <p><b>LEARNING OBJECTIVES-</b></p> <ul style="list-style-type: none"><li>❖ To recognise different examples of forces.</li><li>❖ To measure forces using newton meters; use correct unit for force; explain difference between mass and weight.</li><li>❖ To explain the relationship between applied force and the change of shape of an object; investigate forces involved in compressing and stretching materials; identify applications</li><li>❖ To state and use the law of moments</li></ul>	<p><b>Activities:</b></p> <ul style="list-style-type: none"><li>❖ Encourage your ward to read all the useful website links and do the following tasks:</li><li>❖ Encourage your ward to make an interactive presentation on balanced and unbalanced forces using GLOGSTER.</li><li>❖ Encourage your ward to use PADLET to show difference between mass and weight.</li><li>❖ Motivate your ward to use CANVA to make a poster on the relationship between applied forces and change of shape of an object.</li><li>❖ Encourage your ward to make simple levers and try out balancing small weights.</li><li>❖ How to Make a Lever - Simple Machine Science Lesson &amp; Project (homesciencetools.com)</li></ul>	<ul style="list-style-type: none"><li>❖ <a href="#">Types of forces - Forces - GCSE Physics (Single Science) Revision - Other - BBC Bitesize</a></li><li>❖ <a href="#">Mass and weight - CCEA - GCSE Physics (Single Science) Revision - CCEA - BBC Bitesize</a></li><li>❖ <a href="#">Balanced and unbalanced forces - Forces, motion and energy - National 4 Physics Revision - BBC Bitesize</a></li><li>❖ <a href="#">Hooke's law - Forces and elasticity - AQA - GCSE Physics (Single Science) Revision - AQA - BBC Bitesize</a></li><li>❖ <a href="#">Moments - Moments, levers and gears - AQA - GCSE Physics (Single Science) Revision - AQA - BBC Bitesize</a></li></ul>
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<p><b>ARABIC</b> (Arabs)</p>	<p><b>TOPIC –</b>البلد الآمن-</p> <p><b>LEARNING OBJECTIVES-</b></p> <ul style="list-style-type: none"><li>❖ أن يحدد الطالب الفكرة الرئيسة للآيات والأفكار الفرعية</li><li>❖ أن يحلل معاني الآيات ضمن السياق</li><li>❖ أن يتعرف خصائص النص القرآني</li><li>❖ أن يفسر الكلمات في السياق ويستخدمها في سياق جديد</li><li>❖ أن يكتب موضوعًا عن الإمارات بلد الأمن والأمان</li></ul> <p><b>TOPIC –</b>إشراقه وطن-</p> <p><b>LEARNING OBJECTIVES-</b></p> <ul style="list-style-type: none"><li>❖ أن يحدد الطالب الفكرة الرئيسة للآيات</li><li>❖ أن يحلل النص تحليلًا أدبيًا ولغويًا</li><li>❖ أن يفسر كلمات النص ويحدد دلالاتها</li><li>❖ أن يستنتج الدلالات الإيحائية والتعبيرية والمجازية في النص</li><li>❖ أن يكتب نصًا موضوعه حب الوطن</li></ul>	<ul style="list-style-type: none"><li>❖ يحدد الطالب الفكرة الرئيسة والفكار الفرعية للآيات</li><li>❖ أن يحلل معاني الآيات ضمن السياق</li><li>❖ يتعرف خصائص النص القرآني</li><li>❖ يفسر المفردات ضمن لسياق ويستخدمها في جمل</li><li>❖ يكتب موضوعًا عن الإمارات بلد الأمن والأمان</li></ul> <ul style="list-style-type: none"><li>❖ يحدد الطالب الفكرة الرئيسة والأفكار الفرعية في الآيات</li><li>❖ يحلل النص تحليلًا أدبيًا ولغويًا</li><li>❖ يفسر الكلمات الجديدة</li><li>❖ يستنتج الدلالات الإيحائية والتعبيرية والمجازية في النص</li><li>❖ يكتب نصًا موضوعه حب الوطن يشرح فيه أهمية الانتماء للوطن والتفاني في خدمته</li></ul>	<ul style="list-style-type: none"><li>❖ <a href="https://www.albayan.ae/opinions/articles/2022-01-24-1.4353397">https://www.albayan.ae/opinions/articles/2022-01-24-1.4353397</a></li><li>❖ <a href="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_%D8%AD%D8%A8%D8%A7%D9%84%D9%88%D8%B7%D9%86">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_%D8%AD%D8%A8%D8%A7%D9%84%D9%88%D8%B7%D9%86</a></li></ul>
<p><b>ISLAMIC STUDIES</b> (Arabs)</p>	<p><b>TOPIC –</b>الاعتدال في الإنفاق-</p> <p><b>LEARNING OBJECTIVES-</b></p>	<ul style="list-style-type: none"><li>❖ اشرح موقف الإسلام من الإسراف،</li><li>❖ مُبينًا صور الإسراف المختلفة</li><li>❖ استنتج الآثار المترتبة على الإسراف للفرد والمجتمع</li></ul>	<ul style="list-style-type: none"><li>❖ <a href="https://teacherhelp.info/%D8%A7%D9%84%D8%A7%D8%B9%D8%AA%D8%AF">https://teacherhelp.info/%D8%A7%D9%84%D8%A7%D8%B9%D8%AA%D8%AF</a></li></ul>



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	<ul style="list-style-type: none"><li>❖ يشرح موقف الإسلام من الإسراف .</li><li>❖ يُعدّد صورًا مختلفة للإسراف .</li><li>❖ يوضح النتائج المترتبة على الإسراف للفرد والمجتمع.</li><li>❖ يُدلل على تحريم الإسراف من القرآن .و السنة، وعقوبة المسرفين</li><li>❖ يُقدم حلولًا لمعالجة آفة الإسراف والتفاخر .والتكبر.</li> <li>❖ <b>الإمام أبو حنيفة النعمان</b></li><li>❖ ألخص جوانب من سيرة الإمام أبي حنيفة-1</li><li>❖ أستنتج الدروس والعبر المستفادة من سيرة -2 الإمام أبي حنيفة</li></ul>	<ul style="list-style-type: none"><li>❖ بيّن العلاقة بين الإسراف والتبذير، مع توضيح الفرق بينهما</li><li>❖ الإسلام يدعونا إلى الاعتدال في شتى المجالات، ابحث عن آيات قرآنية تدعو إلى الاعتدال في الإنفاق وعدم الإسراف والتبذير</li><li>❖ وضح جهود دولة الإمارات لنشر ثقافة ترشيد الاستهلاك وعدم التبذير.</li><li>❖ بيّن دواعي بعض الناس للإسراف</li><li>❖ وهل هناك علاقة بين الكرم والإسراف؟ وضح رأيك</li><li>❖ كيف استطاع أبو حنيفة أن يوفق بين عمله في التجارة وطلبه للعلم</li><li>❖ كان الإمام أبو حنيفة بارًا بوالدته برًا جميلًا. وضح ذلك. ثم اذكر موقفًا يدل على ذلك</li><li>❖ ابحث عن قصة إنفاق الإمام أبي حنيفة على تلميذه أبي يوسف. ثم قم بتلخيصها وكتابتها ثم عرضها على زملائك</li></ul>	<p><a href="https://ar.wikipedia.org/wiki/%D8%A7%D9%84-%D9%81%D9%8A-%D8%A7%D9%84%D8%A5%D9%86%D9%81%D8%A7%D9%82/">https://ar.wikipedia.org/wiki/%D8%A7%D9%84-%D9%81%D9%8A-%D8%A7%D9%84%D8%A5%D9%86%D9%81%D8%A7%D9%82/</a></p> <ul style="list-style-type: none"><li>❖ <a href="https://ar.wikipedia.org/wiki/%D8%A3%D8%A8%D9%88-%D8%AD%D9%86%D9%8A%D9%81%D8%A9-%D8%A7%D9%84%D9%86%D8%B9%D9%85%D8%A7%D9%86">https://ar.wikipedia.org/wiki/%D8%A3%D8%A8%D9%88-%D8%AD%D9%86%D9%8A%D9%81%D8%A9-%D8%A7%D9%84%D9%86%D8%B9%D9%85%D8%A7%D9%86</a></li></ul>
<b>ARABIC (Non- Arabs)</b>	LEARNING OBJECTIVES- <ul style="list-style-type: none"><li>○ الهوايات</li><li>○ وسائل الإعلام</li></ul>	<ul style="list-style-type: none"><li>❖ أن يصف التلميذ هواية الفروسية</li><li>❖ أن يبدي رأيه في هواية السباحة</li><li>❖ أن يوضح أهمية القراءة في حياتنا</li><li>❖ أن يقارن بين وسائل الإعلام القديمة والحديثة</li><li>❖ أن يوظف التشبيه في وصف وسائل الإعلام</li><li>❖ أن يوضح عيوب ومميزات وسائل الإعلام</li></ul>	<ul style="list-style-type: none"><li>❖ <a href="https://learnarabiconline.ksu.edu.sa/Account/Login.aspx">https://learnarabiconline.ksu.edu.sa/Account/Login.aspx</a></li></ul>
<b>ISLAMIC STUDIES (Non- Arabs)</b>	TOPIC – THINKING IN ISLAM  LEARNING OBJECTIVES-	Activities: <ul style="list-style-type: none"><li>❖ Motivate the students to follow the link and explicate their answer with an example of a</li></ul>	<ul style="list-style-type: none"><li>❖ <a href="https://en.wikipedia.org/wiki/Sa%27">https://en.wikipedia.org/wiki/Sa%27</a></li></ul>



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	<ul style="list-style-type: none"><li>❖ To elucidate the significance of creative thinking in Islam.</li><li>❖ To analyze the effective role of thinking in the development of civilization.</li></ul> <p><b>Topic: THE RELIGION OF ISLAM IS EASY</b></p> <p><b>Learning objectives:</b></p> <ul style="list-style-type: none"><li>❖ To comprehend the importance and effects of choosing right path.</li><li>❖ To evaluate the effects of fearing of Allah on an individual and society.</li></ul>	<p>sahabi's life that teach us to be moderate even in giving charity. How does this example give us a clear picture of a balanced religion?</p> <ul style="list-style-type: none"><li>❖ <a href="https://en.wikipedia.org/wiki/sa%27d_ibn_abi_waqqas">https://en.wikipedia.org/wiki/sa%27d_ibn_abi_waqqas</a></li></ul>	<p><a href="#">d ibn Abi Waqqas</a></p>
<p><b>PSHCEE</b></p>	<p><b>TOPIC: Rights and Responsibilities</b></p> <p><b>LEARNING OBJECTIVE:</b></p> <ul style="list-style-type: none"><li>❖ To distinguish the difference between rights and responsibilities</li></ul>	<p><b>Activities:</b></p> <ul style="list-style-type: none"><li>❖ Discuss with your child which are useful rights and responsibilities</li></ul>	<ul style="list-style-type: none"><li>❖ <a href="https://www.bbc.co.uk/bit/eseize/articles/z7bfhbk">https://www.bbc.co.uk/bit/eseize/articles/z7bfhbk</a></li></ul>



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<b>MORAL EDUCATION</b>	<b>TOPIC: Mental Health</b> <b>LEARNING OBJECTIVES:</b> <ul style="list-style-type: none"><li>❖ To explore the issues surrounding mental health, including recognising how to deal with mental health issues and interact with those suffering from mental health issues.</li></ul>	<b>Activities:</b> <ul style="list-style-type: none"><li>❖ Discuss with your child the importance of maintaining good mental health.</li><li>❖ Encourage your child to engage in some activities which can improve their overall health.</li></ul>	❖ <a href="https://www.healthdirect.gov.au/good-mental-health#:~:text=If%20you%20have%20good%20mental,feeling%20of%20being%20at%20peace.">https://www.healthdirect.gov.au/good-mental-health#:~:text=If%20you%20have%20good%20mental,feeling%20of%20being%20at%20peace.</a>
<b>HISTORY</b>	<b>Topic: Society, Economy &amp; Culture (1400-1500)</b> <b>Learning Objectives:</b> <ul style="list-style-type: none"><li>❖ To examine about the goods traded and the trade routes used by English merchants.</li><li>❖ To examines the impact of agriculture changes in Britain.</li></ul>	<b>Activities:</b> <ul style="list-style-type: none"><li>❖ Motivate your child research and answer the question: To what extent OFS in Britain improved agriculture?</li></ul>	❖ <a href="#">Win History Workbook</a>
<b>GEOGRAPHY</b>	<b>TOPIC – Water cycle - Precipitation</b> <b>Learning Objectives:</b> <ul style="list-style-type: none"><li>❖ To examine the formation of precipitation.</li></ul>	<b>Activities:</b> <ul style="list-style-type: none"><li>❖ Motivate your child differentiate between relief, convectional and frontal rainfall.</li></ul>	❖ <a href="https://www.google.com/search?sca_esv=599359342&amp;rlz=1C1GCEU_en-GBAE1001AE1002&amp;sxsrf=ACQVn08rVwA6oGTxWpUa7xAk_7PWZspvew:1705553834611&amp;q=precipi">https://www.google.com/search?sca_esv=599359342&amp;rlz=1C1GCEU_en-GBAE1001AE1002&amp;sxsrf=ACQVn08rVwA6oGTxWpUa7xAk_7PWZspvew:1705553834611&amp;q=precipi</a>



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			<a href="https://www.youtube.com/watch?v=2ahUKEwiU6dOTk-aDAxWnhv0HHadQAxMQ0pQJegQICRAB&amp;biw=1280&amp;bih=593&amp;dpr=1.5#fpstate=ive&amp;vld=cid:854b97f0,vid:TD3XSIE4ymo,st:0">tation+water+cycle&amp;tbn=vid&amp;source=Inms&amp;sa=X&amp;ved=2ahUKEwiU6dOTk-aDAxWnhv0HHadQAxMQ0pQJegQICRAB&amp;biw=1280&amp;bih=593&amp;dpr=1.5#fpstate=ive&amp;vld=cid:854b97f0,vid:TD3XSIE4ymo,st:0</a>
<b>UAE SOCIAL STUDIES</b>	<b>TOPIC: Topic: The age of Discovery</b> <b>Learning Objectives:</b> <ul style="list-style-type: none"><li>❖ To examine the sources on the explorations and how Europe became the global power.</li></ul>	<b>Activities:</b> <ul style="list-style-type: none"><li>❖ Motivate your child write the answer to the questions below:</li><li>❖ Examine &amp; evaluate the contributions of the Renaissance age.</li><li>❖ Give two reasons why European nations wanted to establish a sea route to Asia?</li></ul>	<ul style="list-style-type: none"><li>❖ <a href="#">UAE SST MOE Yr. 7 Textbook</a></li></ul>



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<p style="text-align: center;"><b>FRENCH</b></p>	<p><b>TOPIC – C'est la forme</b></p> <p><b>LEARNING OBJECTIVES-</b></p> <ul style="list-style-type: none"> <li>❖ To say what is good or bad for your health</li> <li>❖ To make imperatives</li> <li>❖ To understand and give basic advice on healthy living.</li> <li>❖ To revise negatives</li> </ul>	<p><b>Activities: -</b></p> <ul style="list-style-type: none"> <li>❖ Listen together to French radio stations while doing household chores.</li> <li>❖ Motivate your child by Surprising them with some French vocabulary you have learnt.</li> <li>❖ Discuss with your child what she/ he thinks about a healthy way of living: - why is it too important to take a good care of your body and mind?</li> <li>❖ Share with your child your ways to stay fit. Praise any little effort she/ he makes to practice healthy habits.</li> </ul>	<ul style="list-style-type: none"> <li>❖ <a href="https://www.francaisfacile.com/exercices/exercice-francais-2/exercice-francais-48516.php">https://www.francaisfacile.com/exercices/exercice-francais-2/exercice-francais-48516.php</a></li> <li>❖ <a href="https://www.podcastfrancaisfacile.com/exercices/forme-negative.html">https://www.podcastfrancaisfacile.com/exercices/forme-negative.html</a></li> </ul>
<p style="text-align: center;"><b>ICT</b></p>	<p><b>TOPIC – Graphics software</b></p> <p><b>LEARNING OBJECTIVES-</b></p> <ul style="list-style-type: none"> <li>❖ To analyze how to navigate Illustrator.</li> <li>❖ To examine the tools and features of Adobe Illustrator</li> </ul>	<p><b>Activities:</b></p> <ul style="list-style-type: none"> <li>❖ Motivate your child to:</li> <li>❖ Create basic shapes.</li> <li>❖ Create custom paths.</li> <li>❖ Create graphics that contain custom text.</li> <li>❖ Customize objects and basic shapes.</li> <li>❖ Prepare documents for deployment.</li> </ul>	<ul style="list-style-type: none"> <li>❖ <a href="https://www.creativeblog.com/digital-art/illustrator-tutorials-1232697">https://www.creativeblog.com/digital-art/illustrator-tutorials-1232697</a></li> </ul>
<p style="text-align: center;"><b>STEAM</b></p>	<p><b>TOPIC – Tinker cad</b></p> <ul style="list-style-type: none"> <li>❖ Invent a Device That Can Move Through a Pipe.</li> </ul> <p><b>LEARNING OBJECTIVES-</b></p> <ul style="list-style-type: none"> <li>❖ Create a 3D representation of a device that can move through a pipe within Tinker cad.</li> </ul>	<p><b>Activities:</b></p> <ul style="list-style-type: none"> <li>❖ Encourage your child to explore different tools and functions of Tinker cad application.</li> <li>❖ Research and explore for inventing a device that can move through a pipe.</li> <li>❖ Motivate your child to explore mathematical computation and object-sizing tools to solve real-world problems.</li> </ul>	<ul style="list-style-type: none"> <li>❖ <a href="https://www.tinkercad.com/lessonplans/invent-a-device-that-can-move-through-a-pipe">https://www.tinkercad.com/lessonplans/invent-a-device-that-can-move-through-a-pipe</a></li> </ul>