



The Winchester School

Year 8- Family Learning Newsletter – February - 2021

SUBJECT	FOCUS	ACTIVITIES	WEBSITES
ENGLISH	<p>TOPIC: Newspaper Report and Frankenstein</p> <p>LEARNING OBJECTIVES-</p> <ul style="list-style-type: none"> ➤ To further develop newspaper report writing ➤ To introduce learners to a range of authors. ➤ To analyse characters, events and themes of the given stories. ➤ To interpret and adapt a story genre to modern times. 	<p>Activities</p> <ul style="list-style-type: none"> ➤ Imagine you are a reporter in the fictional world of Frankenstein. Write a newspaper report on your discovery of Frankenstein. ➤ Research about Romanticism and make connections with the novel, <i>Frankenstein</i>. ➤ Write a poem that uses Frankenstein's monster as the speaker. ➤ Create an art piece inspired by the original monster. ➤ Write your own gothic horror story including its key features but set in modern times. ➤ Have an animated family discussion of the themes of Frankenstein. 	<p>https://youtu.be/fUNuFLHvVng</p> <p>https://youtu.be/a4clFitYYNo</p> <p>Frankenstein Themes, Symbols, and Literary Devices (thoughtco.com)</p>
MATHS	<p>TOPIC:</p> <p>Circumference and area of a circle</p> <p>LEARNING OBJECTIVES</p> <ul style="list-style-type: none"> ➤ Define a circle and its parts and also calculate area and circumference of a circle 	<p>Activity:</p> <ul style="list-style-type: none"> ➤ Parents can encourage the students to do the investigation on the formula for the area of a circle and the circumference. <p>Real Life:</p>	<p>Link for TIMMS practice:</p> <p>http://www.edinformatics.com/timss/pop2/m_pop2.htm?submit324=Grade+7%2C8++Math+Test</p> <p>f For PISA test practice: Start from level 1</p> <p>http://www.oecd.org/pisa/test/form/</p>



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	<p>TOPIC: Stem and leaf Diagram</p> <p>LEARNING OBJECTIVES:</p> <ul style="list-style-type: none"> ➤ Construct a Stem and Leaf Diagram, and use it to find the median and range 	<ul style="list-style-type: none"> ➤ A cartwheel has a radius of 2m, it takes 100 revolutions for it to reach the other end of the road. What could be width of the road? <p>Activity:</p> <ul style="list-style-type: none"> ➤ Encourage the students to do a survey on how many hours they spend on the gadgets with your class mates, create a frequency table and then make the stem and leaf diagram. They can then identify the mean and the median of the number of hours the students spend on gadgets. <p>Real life:</p> <ul style="list-style-type: none"> ➤ Various census surveys analysis and population surveys can be analysed using stem and leaf diagrams. 	<p>https://www.tes.com/teaching-resource/parts-circumference-and-area-of-a-circle-6344049</p> <p>https://www.khanacademy.org/partner-content/nasa/measuringuniverse/orbital-mechanics/e/area-and-circumference-of-circles</p> <p>http://www.bbc.co.uk/bitesize/ks3/maths/handling_data/measures_average/activity/</p> <p>https://www.bbc.com/bitesize/guides/zqymng8/revision/5</p> <p>http://mathworld.wolfram.com/Stem-and-LeafDiagram.html</p>
SCIENCE	<p>TOPIC:</p> <ul style="list-style-type: none"> ➤ Acids and Alkali 	<p>Activities</p> <ul style="list-style-type: none"> ➤ Motivate to create an interactive page on some real-life examples of acids and alkalis ➤ Encourage to create a newsletter on the hazards of acids to the surroundings. 	<ul style="list-style-type: none"> • http://www.scienceclarified.com/ev/eryday/Real-Life-Chemistry-Vol-2/Acids-and-Bases-Real-life-applications.html



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LEARNING OBJECTIVES

- Describe the applications of acids.
- Evaluate the hazards that acids pose to an individual and their surroundings.
- Identify and describe the real-life applications of alkalis.
- Evaluate the hazards posed by a number of alkalis and list some of the safety measures.
- Exemplify an indicator and describe why indicators are useful.
- Explain the use of indicator in analysing the data generated in an experiment.
- Compare and contrast the effectiveness of a universal indicator over different indicators.
- Interpret measurements of pH made using universal indicator.
- Predict the reactants and salts made in different neutralisation reactions.
- Describe indigestion remedies and the way that they work.

- **Encourage** to prepare a report on the accidents caused by the use of acids and alkalis and suggest the preventive measures.
- **Motivate** to create a poster on the uses of different indicators.
- Plan an experiment to explain a chemical change using an indicator.
- **Encourage** to create a pH scale and determine the pH of various substances and present it in a form of report.
- Use a virtual laboratory to understand the process of neutralisation.
- **Motivate** to create an interactive page on the applications of neutralisation process.

- <http://acids-vs-bases.weebly.com/examples-in-everyday-life.html>
- <https://www.ukessays.com/essays/chemistry/applications-acid-bases-8709.php>
- <https://www.acs.org/content/dam/acsorg/about/governance/committees/chemicalsafety/publications/identifying-and-evaluating-hazards-in-research-laboratories.pdf>
- https://www.tulane.edu/~sanelson/Natural_Disasters/introduction.htm
- <http://www.middle-school-chemistry.com/lessonplans/chapter6/lesson8>
- <https://www.education.com/science-fair/article/chemical-indicators/>
- <http://www.fp.utm.my/projek/psm/w ebtlr/Neutralisation/learning2b.html>
- <https://fuse.education.vic.gov.au/R esource/LandingPage?ObjectId=ee787d01-bc61-498a-bfdb-3033da5b5664&SearchScope=Secondary>



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<p>ARABIC (Arabs)</p>	<p>TOPIC: عصفور الزبير</p> <p>LEARNING OBJECTIVES: أن يحلل الطالب النص القصصي أن يحدد العناصر الفنية للنص أن يكتب نصاً قصصياً متقيداً بالعناصر الفنية للنص القصصي</p> <p>TOPIC: ثوب العيد</p> <p>LEARNING OBJECTIVES: أن يحدد المعنى الإجمالي للنص أن يحلله تحليلاً أدبياً أن يعلل استخدام اللغة المجازية في النص وتأثيرها على المتلقي</p> <p>TOPIC: الأفعال الخمسة</p> <p>LEARNING OBJECTIVES:</p>	<p>يكتب الطالب قصة قصيرة مستعيناً بعناصر كتابة القصة الفنية يكتب الطالب موضوعاً عن العيد وما يمثله بالنسبة إليه</p> <p>يكتب فقرة يستخدم فيها الأفعال الخمسة</p>	<p>https://www.youtube.com/watch?v=L44Kw-uZD8</p> <p>https://www.albayan.ae/our-homes/2009-11-27-1.496288</p>
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	<p>أن يتعرف الأفعال الخمسة</p> <p>أن يعربها</p> <p>أن يوظفها في كتاباته</p>		
ISLAMIC STUDIES (Arabs)	<p>TOPIC:</p> <p>الشفاء بنت عبد الله العذوية-قصة مؤمن آل يس- أقدس بيوت الله تعالى-</p> <p>LEARNING OBJECTIVES:</p> <p>أن يستنتج صفات الشفاء</p> <p>أن يقتدي بالشفاء في حياته</p> <p>أن يبدي رأيه في قصة آل يس</p> <p>أن يستنتج فضل المساجد الثلاثة</p>	<p>يكلف الطالب ببعض التكاليف البيتية</p> <p>يحرص على الأخذ بالأسباب</p> <p>ويحرص على الاقتداء بالشفاء-</p> <p>يكتب بحثا عن الشفاء</p> <p>يكتب موضوعا بيت المقدس</p> <p>يكتب قصة مؤمن آل ياسين</p>	<p>https://www.youtube.com/watch?v=tudASCj ugkl</p> <p>https://www.youtube.com/watch?v= JzvGjd J4lo</p>
ARABIC (Non- Arabs)	<p>TOPIC:</p> <p>أعياد ومناسبات-</p>	<p>Encourage your child to</p> <ul style="list-style-type: none">➤ design a poster about new year celebrations.	<p>https://www.youtube.com/watch?v=DBrzaG mY_Vk&list=PLoENR_C2NUuVCfWViQA9f hqckiCZvf8R9&index=7</p>



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	<p>LEARNING OBJECTIVES:</p> <p>- أن يصف الطالب المناسبات والأعياد - - أن يصمم الطالب خريطة ذهنية للمناسبات - - أن يقارن بين المناسبات والاحتفالات في دبي وبلده - - أن يحلل الطالب النص تحليلاً أدبيًا - - أن يفرق الطالب بين الجملة الأسمية و الفعلية - - أن يوظف الطالب الأساليب الأدبية والصور الجمالية في - سياقات مختلفة</p>	<ul style="list-style-type: none">➤ participate with my friends to do movie about new year celebrations in Dubai.➤ talk about my birthday party.➤ read stories about occasions on (I read Arabic app).➤ write a topic about my occasions.➤ compare between celebrations in Dubai and my country.	<p>https://www.youtube.com/watch?v=J3E1_yt3bR8&list=PL0eNR_C2NUuVCfWViQA9fhqckiCZvf8R9&index=24</p>
<p>ISLAMIC STUDIES (Non- Arabs)</p>	<p>TOPIC:</p> <ul style="list-style-type: none">➤ Honesty and Truthfulness➤ The Gift of Security <p>LEARNING OBJECTIVES:</p> <ul style="list-style-type: none">➤ To comprehend the significance of honesty in our lives.➤ To recognise the positive effect of honesty and truthfulness on society.➤ To comprehend the importance and significance of security.	<p>Activity:</p> <p>Motivate your child to -</p> <ul style="list-style-type: none">➤ Record a video on the consequences of dishonesty on society.➤ Create a video appreciating the role & effort of UAE rulers and citizens to keep security in society by giving examples.	<p>https://www.youtube.com/watch?v=pEutisp39uQ&t=6s&ab_channel=QuranWeekly</p> <p>https://www.islamreligion.com/articles/512/vjewall/peace-and-security/</p>



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	<ul style="list-style-type: none"> ➤ To analyse everyone's role in keeping security. ➤ To analyse everyone's role in keeping security 		
PSHCEE	<p>TOPIC:</p> <ul style="list-style-type: none"> ➤ The Environment <p>LEARNING OBJECTIVES:</p> <ul style="list-style-type: none"> ➤ To explore the different environmental issues. 	<p>Activities</p> <p>Discuss with your child environmental issues, Global warming deforestation etc.</p>	<p>https://www.youtube.com/watch?v=Oa7ntoCf8yU</p>
MORAL EDUCATION	<p>TOPIC:</p> <ul style="list-style-type: none"> ➤ Understanding Globalisation <p>LEARNING OBJECTIVES:</p> <ul style="list-style-type: none"> ➤ To explore the different concept of globalisation. 	<ul style="list-style-type: none"> ➤ Discuss with your child the importance of globalisation ➤ Encourage your child to read more about how globalisation affect the economy of the country. 	<p>https://www.youtube.com/watch?v=JJ0nFD19eT8&t=101s</p>



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	<ul style="list-style-type: none">➤ To explore how the UAE connects to the rest of the world in terms of trade and communication.		
HISTORY	<p>TOPIC:</p> <ul style="list-style-type: none">➤ Transatlantic Slave Trade <p>LEARNING OBJECTIVES:</p> <ul style="list-style-type: none">➤ To examine the profits made from the transatlantic slave trade	<p>Activities:</p> <ul style="list-style-type: none">➤ Discuss with your child how the transatlantic slave trade was organised➤ Help your child find reasons how the Britain benefitted from the slave trade	<p>https://www.britannica.com/video/73145/history-slave-trade-Africa-region</p> <p>https://www.youtube.com/watch?v=SQBc-zgZC48</p>
GEOGRAPHY	<p>TOPIC:</p> <ul style="list-style-type: none">➤ Rain and clouds	<p>Activities</p> <ul style="list-style-type: none">➤ Help your child Illustrate and explain the water cycle and the formation of different types of rain	<p>https://www.youtube.com/watch?v=dWZ5_0wcYJ0</p> <p>https://www.youtube.com/watch?v=i36U3LpJzU</p>



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		Have you already thought about the destination of your next holidays?	https://www.youtube.com/watch?v=hL2UQhOHWJE&t=25s https://www.youtube.com/watch?v=jnSHv47ISqw http://www.audiofrench.com
ICT	<p>TOPIC:</p> <ul style="list-style-type: none">➤ The Effects of Using IT <p>LEARNING OBJECTIVES:</p> <ul style="list-style-type: none">➤ To evaluate the use of IT equipment and develop strategies to minimise the health risks➤ To describe the different safety issues associated with use of ICT.	<ul style="list-style-type: none">➤ Encourage your child to evaluate the various effects of using ICT.➤ Motivate your child to explore the Social effects, Health effects and Safety effects with ICT. and create a presentation that explains its features.➤ Parents can help to gather information and complete the work.	http://comtech3104.weebly.com/the-effects-of-using-it.html#:~:text=Health%20Effects%20of%20ICT%3A&text=(1)%20One%20health%20issue%20that,is%20a%20constant%20distance%20away.&text=(2)%20Many%20people%20suffer%20from,computer%20for%20a%20long%20time.



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STEAM	<p>TOPIC:</p> <ul style="list-style-type: none">➤ SAM LAB-Smart Doorbell <p>LEARNING OBJECTIVES:</p> <ul style="list-style-type: none">➤ To recognize the importance of sensors within smart technology and how sensors can optimize everyday objects and tasks. Students will integrate and exhibit learning by designing a 'smart doorbell' that features light, image capture and sound.	<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➤ Design a 'smart doorbell system' with an audio and visual alert that is activated when someone approaches. Create a report on how smart doorbell systems work.	https://samlabs.com/us/
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