The Winchester School
Year 7- Family Learning Newsletter – May– 2024
#20yearsofWIN

SUBJECT	FOCUS	ACTIVITIES	WEBSITES
ENGLISH	**Topic: Reading skills** **Learning Objectives:** ➢ To develop simple, complex and authorial skills.	**Activity:** ➢ In the light of the PTE, NGRT, TIMSS and PISA and other exams that challenge the reading and analytical skills of the students, the following activity has been designed. Guide your ward: 1. In reading the article provided in the link on 'Role of Keystone Species in an Ecosystem'. 2. Create bullet points that cover the main points of the passage. 3. 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.	https://education.nationalgeographic.org/resource/role-keystone-species-ecosystem/ https://cft.vanderbilt.edu/wp-content/uploads/sites/59/Blooms-Taxonomy.pdf
MATHS	**TOPIC**: Surface area & volume of cubes and cuboids, straight line graph, Pie chart **LEARNING OBJECTIVES:** ➢ To investigate the relationship between the dimensions of cubes and cuboids and their corresponding volumes. ➢ To calculate the volume of cubes and cuboids using	**Activities** Encourage your child to ➢ Measure the dimensions (length, width, and height) of a fish tank, a cereal box, or a storage container using rulers or measuring tapes. Have them record the measurements in a table. Instruct to calculate the volume of each cube and cuboid using the formula $V = l \times w \times h$, where V represents volume, l represents length, w represents width, and h represents height. Guide to analyze the collected data. Ask them to compare the volumes of the cubes and cuboids with their respective dimensions.	Transum surface area Volume and surface area

| | | appropriate formulas and apply the concept of volume to solve real-life problems.

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

TOPIC: Pie chart

LEARNING OBJECTIVES:

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

TOPIC: Straight line graph

LEARNING OBJECTIVES:

➢ To be able to plot straight line graphs and interpret the meaning of the graph in real-life contexts. | ➢ Investigate and explore the surface area of cube and cuboids- Start by examining a cube and a cuboid. Note their characteristics, such as edges, faces, and vertices. Select a cube and measure the length of one edge using a ruler or measuring tape. Record this measurement as the "edge length" of the cube. Calculate the surface area of the cube using the formula. Repeat steps 2-3 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 concepts 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. | Surface area and volume Enrich

Self learning - Cuboid

Pie chart

Self learning- Pie chart interpretation

Self learning- straight line graph

Straight line graph - Activities |

| SCIENCE | **Topic:** WAVES & SOUND WAVES

Learning Objectives:

➢ To define the following terminologies:
  ✓ Frequency
  ✓ Amplitude
  ✓ Electromagnetic spectrum

➢ To draw and label the structure of Ear.
➢ To explain how the eardrum vibrates.
➢ Applications of sound

Topic : Space science

➢ To describe the moon and the phases of the moon.
➢ To know the importance of rockets to spacecrafts. | **Encourage your ward to read**

A. Waves Activity
http://www.bbc.co.uk/schools/gcsebitesize/science/aqa/waves/generalwavesact.shtml
B. General Properties of Waves – Test
http://www.bbc.co.uk/bitesize/quiz/q61130100
C. Electromagnetic Spectrum Activity
http://www.bbc.co.uk/schools/gcsebitesize/science/aqa/waves/soundandlightact.shtml
D. Detecting Sound – Test
http://www.bbc.co.uk/education/guides/z8d2mp3/test

1 . Encourage your ward to make models of phases of moon.

2. Motivate your ward to make infographic posters about spacecrafts. | 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

The Moon - Science: KS3 (senecalearning.com)

Lunar Phase Simulator (ccnmtl.github.io)

WGBH Lunar Phases Asset 3 (pbslearningmedia.org) |

| ARABIC (Arabs) | **Topic:** مصابيح الكلام
Learning Objectives:
يحدد الطالب الفكرة الرئيسة للنص المعلوماتي
يحلل النص إلى المعلومات الصريحة والضمنية
يميز بين الحقائق وآراء الذاتية في النص
يميز خصائص الأمثال ووظيفتها
يكتب بحثا في قصة مثل

Topic: فعل الأمر
Learning Objectives:
يتعرف الطالب حالات بناء فعل الأمر
يعربه إعرابًا صحيحًا

Topic: عصفورا السيدة بيرونيه
Learning Objectives:
يحدد المعنى الإجمالي للقصة
يحلل القصة إلى عناصرها الفنية
يعلل استخدام اللغة المجازية في النص مبينًا تأثيرها على القارئ
يكتب قصة قصيرة من إبداعه متقيدًا بالعناصر الفنية للقصة | يحدد الفكرة الرئيسة للنص المعلوماتي
يحلل النص إلى معلومات صريحة وضمنية
يحدد الحقائق الواردة في النص
يميز الآراء الذاتية
ينتج بحثًا عن قصة مثل مبديًا رأيه فيه

يميز حالات إعراب قعل الأمر
يعربه إعرابًا صحيحًا
ينتج جملًا وفقرات تتضمن فعل الأنر

يحلل القصة إلى عناصرها الفنية
يحدد الفكرة الرئيسة في القصة
يحدد تأثير اللغة المجازية في القصة على القارئ
يكتب قصة قصيرة من إبداعه متقيدًا بالعناصر الفنية للقصة القصيرة | https://www.emaratalyoum.com/life/life-style/2012-04-18-1.477292

https://mawdoo3.com/%D9%85%D8%A7_%D9%87%D9%88_%D9%81%D8%B9%D9%84_%D8%A7%D9%84%D8%A3%D9%85%D8%B1

https://seraj-uae.com/file/891/ |

| ISLAMIC STUDIES (Arabs) | **Topic:**

التواضع

Learning Objectives:

1- أن يحدد مفهوم التواضع ويستنتج صوره من الآيات القرآنية والأحاديث النبوية

2- أن يقترح حلولا بإمكاناتها تعالج مشكلة الكبر

Topic:

صلاة التطوع

**Learning Objectives: **

1- يفهم المقصود بصلاة التطوع ويقرق بينها وبين الصلوات المكتوبة
2- يعدد فضائل صلاة التطوع

Topic:

كفالة اليتيم

**Learning Objectives: **

يعدد فضائل كفالة اليتيم

يفرق بين التبني وكفالة اليتيم | **Activities:**

1- عمل بحث يعالج مشكلة الكبر التي قد تنتشر في بعض المجتمعات
2- استقصاء الأحاديث الواردة في صلاة التطوع من كتاب الإمام البخاري رحمه الله
3- عمل مقارنة بين كفالة اليتيم والتبني | https://uae-school.com/archives/34181

https://uae-school.com/archives/34154

https://uae-school.com/archives/36061 |

	Topic:	Activities:	
Arabic non-Arabs	الروتين اليومي الإعلام **Learning Objectives:** يحلل النص تحليلًا أدبيًا ولغويًا يصف الروتين اليومي في المدرسة باستخدام الأساليب الأدبية يوظف التشبيه في سياقات جديدة يصف وسائل الإعلام باستخدام التشبيه	يسجل فيديو عن الروتين اليومي الصباحي والمدرسي يكتب مضوعًا عن الروتين اليومي يكتب حوارًا عن أهمية وسائل الإعلام في حياتنا	https://learnarabiconline.ksu.edu.sa/Intro/IntroEn.aspx
ISLAMIC STUDIES (Non- Arabs)	**Topic: 1.**THE RELIGION OF ISLAM IS EASY **Learning Objectives:** ➢ To comprehend the importance and effects of choosing right path ➢ To evaluate the effects of fearing of Allah on an individual and society **Topic: 2.** Working Is Worship And A Civilized Act **Learning Objectives:** ➢ To comprehend the importance and significance of working ➢ To evaluate the consequences of being lazy and dishonest.	**Activities:** Encourage your child to: Write down an article: It is a common misconception that Islam is a strict religion. In the light of this concept, how would you defend the methodology of moderation in Islam. Analyze the factors that stop a person to be active and work. How does everyone contribute in the betterment of a society by develop the habit of working? - -	https://www.quranreading.com/blog/the-concept-of-moderation-in-islam/ https://www.abuaminaelias.com/hard-work-and-responsibility-in-islam/

PSHCEE	**Topic:** Balance **Learning Objectives:** ➢ 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.	**Activities:** ➢ Discuss with your child how one's lifestyle is different from yours. ➢ Talk to your child about the similarities of your culture with other countries. ➢ Encourage your child to have an understanding and respect other people's culture and practices. ➢ Play a guessing game with your family about famous landmarks of different countries	5 Reasons Why Diversity is Important in the 21st Century - AMP Global Youth https://www.parenttoolkit.com/social-and-emotional-development/advice/social-awareness/teaching-kids-ages-8-11-to-respect-diversity
MORAL EDUCATION	**Topic:** RESPECT AND TOLERANCE IN A DIVERSE SOCIETY **Learning Objectives:** ➢ 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.	Activities: Motivate your child to: ➢ 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.	https://www.parenttoolkit.com/social-and-emotional-development/advice/social-awareness/teaching-kids-ages-8-11-to-respect-diversity

HISTORY	**Topic: The Glorious Revolution** **Learning Objectives:** To investigate the events of 1688	**Activities:** Help your child evaluate To what extent was it a Glorious Revolution?	https://www.parliament.uk/about/living-heritage/evolutionofparliament/parliamentaryauthority/revolution/
GEOGRAPHY	**Topic: Biomes of Africa** **Learning Objectives:** To describe the biomes of Africa	**Activities:** Help your child Compare and contrast the biomes of Africa.	https://thegeographyteacher.com/africa-biomes/
UAE SOCIAL STUDIES	**TOPIC: The City States or Ancient Greece** **Learning Objectives:** To explore the ancient Greek city-states	**Activities:** Help your child research about the following types of government. ➢ Dictatorship ➢ Constitutional Monarchy ➢ Tribal leader ➢ Republic Describe & compare with the types in Aristotle's framework	Year 7 UAE SST MOE Text Book
FRENCH	**Topic** : **On Va Au Cinéma** **Learning Objectives:** ➢ To talk about future plan ➢ To enquire about time and be able to tell it as well. ➢ To arrange to go out	**Activities:** Encourage your child to do a regular work: 15- 20 minutes 5 times a week spent with French will guarantee a good progress. ➢ Listen together to a French radio station while doing household chores. ➢ Make your own flashcards or use www.quizlet.com to print ready ones to practice vocabulary. ➢ Watch a video on the www.youtube.com then ask your child to record themselves repeating the same vocabulary.	Year 7th Workbook

ICT	**Topic: Flowcharts and Algorithms** **Learning Objectives:** ➢ To explore and evaluate the purpose of flowchart and algorithm in real life.	**Activities:** Encourage your child to ➢ Explore and evaluate the purpose of using algorithms and flowchart in real life and explain with example. ➢ Evaluate and create a report, on everyday routines to explain Algorithms and flowchart.	https://diana-vile.medium.com/everyday-routines-to-explain-algorithms-flowcharts-1b17a4415023
STEAM	**Topic: SAM LAB- Passcode** **Learning Objectives:** ➢ 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:** ➢ 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. ➢ Design a system that requires a passcode to illuminate an RGB LED. ➢ Create a report on how passcode systems work.	https://samlabs.com/us/