



Together for a bright future

Grade 11 Materials to study for Quiz (Third Semester – March – April)

Date	Subject	Skills	Chapter/Lesson/Course Material/ Book pages
Sunday 24/03/2024	Math	<ul style="list-style-type: none"> Represent and operate with vectors in the coordinate plane. Write a vector as a linear combination of unit vectors. Find the dot product of two vectors, and use the dot product to find the angle between them. Find the projection of one vector onto another. Plot points and vectors in the three-dimensional coordinate system. Express algebraically and operate with vectors in space. Find dot products of and angles between vectors in space. Find cross products of vectors in space, and use cross products to find area and volume 	<p>Lesson 8-2: Vectors in the Coordinate Plane</p> <p>Lesson 8-3: Dot Products and Vector Projections</p> <p>Lesson 8-4: Vectors in Three-Dimensional Space</p> <p>Lesson 8-5: Dot and Cross Products of Vectors' in Space</p>
Monday 25/03/2024	دراسات إسلامية	<p>تفسير ١</p> <p>١- أن تبين الطالبة سبب تسمية الآيات</p> <p>٢- أن تفهم الطالبة الترابط بين آيات القرآن وسوره</p> <p>٣- تعدد الطالبة الفوائد من الآيات</p> <p>٤- أن تستخرج الطالبة معاني الكلمات الصعبة</p> <p>٥- أن تحسن الطالبة الاستدلال بالآيات ومعرفة العلاقة بين الأدلة وأحكامها</p>	<p>التعريف بسورة الأنفال</p> <p>تفسير سورة الأنفال من ١-٤ + تفسير سورة الأنفال من ٢٠-٢٥</p> <p>التعريف بسورة يونس - تفسير سورة يونس من ١-٢</p> <p>ورقة مراجعة اختبار الفترة الأولى الفصل الدراسي الثالث</p>
Tuesday 26/03/2024	History	<p>To identify the effects of the Great Depression on Government and politics.</p> <ul style="list-style-type: none"> To describe the art, literature, and scientific breakthroughs produced after World War I. <p>To identify instances of propaganda in fascist Italy.</p> <ul style="list-style-type: none"> To summarize the ways Mussolini exploited people's fears. To identify the causes and effects of Stalin's plans of collectivization. <p>To describe the economic devastation Germany experienced after World War I.</p> <p>To describe Hitler's totalitarian state and the use of propaganda.</p>	<p>Chapter 15 Lesson 1- Instability After WWI</p> <p>Chapter 15 Lesson 2- The Rise of Dictatorial Regimes</p> <p>Chapter 15 Lesson 3- Hitler and Nazi Germany</p> <p>Chapter 15 Worksheet</p>
اللغة العربية		<p>١- الذكاء التواصلي من ص ١٨٦ إلى ١٩٩</p> <p>٢- نشاطات الغلق والتلخيص من ص ٢٢٠ إلى ٢٠٤</p>	<p>الوحدة الخامسة :</p> <p>ورقة مراجعة اختبار الفترة الأولى الفصل الدراسي الثالث</p>
Wednesday 27/03/2024	Writing	<p><u>Writing</u></p> <p>Attention to detail: The ability to carefully examine written text to identify and correct errors in grammar, punctuation, spelling, and formatting.</p> <p><u>Creativity</u>: The capacity to generate original ideas and imaginative storylines to develop engaging narratives.</p> <p><u>Plot development</u>: The ability to structure a story effectively by developing characters, setting scenes, and creating a coherent plotline that engages readers from beginning to end.</p>	<p><u>Writing</u></p> <ul style="list-style-type: none"> Proofreading Complete the Story
Thursday 28/03/2024	Grammar	<p><u>Grammar</u></p> <p><u>Agreement Between Personal Pronouns & Antecedents</u>: Understanding the grammatical rules for matching pronouns with their antecedents.</p> <p><u>Semi-colons & Colons</u>: Knowing when to use semi-colons to join closely related independent clauses or to separate items in a list when commas alone may cause confusion.</p> <p><u>Hyphen</u>: Understanding the rules for hyphenating compound words, prefixes, and suffixes.</p> <p><u>Negative Sentences</u>: Understanding how to form negative sentences in various tenses and structures.</p>	<p><u>Grammar ppts</u></p> <ul style="list-style-type: none"> Agreement Between Personal Pronouns & Antecedents Semi colons & Colons Hyphen Negative Sentences



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<p>Tuesday 16/04/2024</p>	<p>Chemistry</p>	<p>Chapter8 Covalent Bonding Sec 1 The Covalent Bond Why do atoms form single, double, and triple covalent bonds? How are the strength of a covalent bond, its bond length, and its bond dissociation energy related? Sec2 Naming Molecules What rules do you follow to name a binary molecular compound from its molecular formula? How are acidic solutions named Sec3 Molecular structures What are the basic steps used to draw Lewis structures? Why does resonance occur, and what are some resonance structures? Which molecules are exceptions to the octet rule, and why do these exceptions occur? Sec4 Molecular Shapes What is the VSEPR bonding theory? How can you use the VSEPR model to predict the shape of, and the bond angles in, a molecule? What is hybridization?</p>	<p>Ch8 Assessment p. 274,275 Q(78,79,80,82,84,89,92,93,94,95,96,97,106,107,108,112) Ch8 Worksheet</p>
<p>Wednesday 17/04/2024</p>	<p>الدراسات الاجتماعية</p>	<p>- تفسير المقصود بالإسراء و المعراج - ذكر نسب النبي محمد صلى الله عليه وسلم - تحليل حرص القبائل على المشاركة في بناء الكعبة - المقارنة بين العقبة الأولى والثانية . - تحليل اختيار النبي الهجرة إلى الحبشة . - توضيح موقف أهالي المدينة المنورة عندما هاجر إليها النبي . - تسمية أول من اتخذ التاريخ الهجري في الإسلام -توضيح جهود المملكة العربية السعودية في عمارة المسجد النبوي - معرفة متى فرضت الصلاة على المسلمين - توضيح تحويل القبلة من المسجد الأقصى إلى بيت الله بمكة المكرمة</p>	<p>الوحدة : المملكة العربية السعودية : العمق الحضاري (ظهور الإسلام و البعثة النبوية - الهجرة النبوية - التاريخ الهجري و قبلة المسلمين) ورقة مراجعة اختبار الفترة الأولى الفصل الدراسي الثالث</p>
<p>Thursday 18/04/2024</p>	<p>Elective (Art)</p>	<p>1.Understand that art reflects times, places, and cultures. 2.Identify and analyze art from various art movements. 3. Practice Artwork using soft pastel colors</p>	<p>Worksheet #1 (Art movement) *Worksheet #2 (Romanticism) *Required materials for the practical part: Soft pastel colors, pencil, eraser ,dark color canson paper(small size)</p>
	<p>Add. Biology</p>	<p>Chapter 9 More about microbes L 1 Bacterial structure and growth Describe the different structures of bacteria Describe how bacteria grow L2 Microorganisms and disease Describe some diseases that are caused by microorganisms L3 Microorganisms and food Describe how microbes are used in manufacturing food Lesson 4 Biofuels Identify what are biofuels Describe how are microorganisms used to produce biofuels L5 Microbes and genetic engineering Describe how genetic engineering is done. Describe how insulin can be produced? Describe how we can make plants more resistance to insects</p>	<p>Ch9 Worksheet</p>



	<i>Computer</i>	<p><u>Programming with Python:</u></p> <ul style="list-style-type: none"> - Introduction to Functions - Creating a Function - Calling a Function - Functions with arguments - Return instruction - Introduction to OOP <ul style="list-style-type: none"> - What is OOP? - Define a class - Python constructor <code>_init_()</code> - Create objects of a class 	<p><i>Computer Worksheet for Quiz (Written & Practical) + Copy book notes</i></p>
<p><i>Sunday</i> <i>21/04/2024</i></p>	<i>Physics</i>	<p>As waves travel, they disturb the medium in which they travel in either a perpendicular direction (transverse wave) or a parallel direction (longitudinal wave). In either case, all waves share characteristics associated with their motion. In this investigation, the characteristics of frequency, wavelength, and speed will be studied. Frequency is a measure of the number of waves that pass a fixed point in an interval of time. Wavelength is a measure of the distance between equivalent points on the wave (for example, from crest to crest). The wavelength is measured in the direction of propagation of the wave. The speed is a measure of the distance a given point on a wave</p> <p>Reflection occurs when a wave bounces off a barrier. The law of reflection states that the angle of incidence of a wave relative to a barrier is equal to the angle of reflection of the wave relative to the barrier. In other words, this bouncing effect causes the wave to change direction, but it does not cause the wave to change speed. When waves pass through a boundary from one medium into another, the waves undergo a change in speed</p>	<p>Chapter 12 Lesson 1 - Lesson 2 Chapter 14 Lesson 2 - Lesson 3 <i>Worksheet Ch 12-14 in Classera</i></p>
<p><i>Monday</i> <i>22/04/2024</i></p>	<i>Literature & Vocabulary</i>	<p>Academic Vocabulary: Understanding and applying specialized terminology relevant to a particular field of study or academic discipline.</p> <p>Vocabulary: Effectively utilizing various strategies, such as context clues or word analysis, to comprehend and expand one's vocabulary while reading texts.</p> <p>Analyzing Author's Purpose: Satire: Identifying satirical elements such as exaggeration, parody, or sarcasm used by the author to critique societal issues or human behavior.</p> <p>Analyzing Author's Purpose: Irony: Recognizing instances of verbal, situational, or dramatic irony employed by the author to convey a meaning that is opposite to the literal interpretation of the text.</p> <p>Analyzing the Text: Examining literary elements, themes, character development, and other textual features to gain a deeper understanding of the content and its implications.</p>	<p><i>Collections 5: Age of Realism ppt + Academic Vocabulary- Page: 328</i> <i>The Lowest Animal</i> Vocabulary- Page: 381 Analyzing Author's Purpose: Satire- Page: 379 Selection- Pages: 373-378 Analyzing the Text- Page: 380</p> <p><i>The Story of an Hour ppt +</i> Vocabulary - Page: 400 Analyzing Author's Purpose: Irony - Page: 398 Selection- Pages: 395-397 Analyzing the Text - Page: 399</p>

NOTE: All worksheets and answered book pages are available on Classera Course Materials under each subject.



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