

Grade 12 Materials to study for Quiz (Third Semester – March – April)

Date	Subject	Skills	Chapter/Lesson/Course Material/ Book pages
Sunday 24/03/2024	Math	Derivatives are used to find the rate of changes of a quantity with respect to the other quantity. The equation of tangent and normal line to a curve of a function can be calculated by using the derivatives. Derivative of a function can be used to find the linear approximation of a function at a given value	Introduction of Calculus Ppt Derivative worksheets Integration Worksheets in Classera
Monday 25/03/2024	Grammar	Grammar Agreement Between Personal Pronouns & Antecedents: Understanding the grammatical rules for matching pronouns with their antecedents. Semi-colons & Colons: 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. Hyphen: Understanding the rules for hyphenating compound words, prefixes, and suffixes. Negative Sentences: Understanding how to form negative sentences in various tenses and structures.	Grammar ppts <ul style="list-style-type: none"> Agreement Between Personal Pronouns & Antecedents Semi colons & Colons Hyphen Negative Sentences
Tuesday 26/03/2024	اللغة العربية	١- الوصف العلمي من ص ١٨٣ إلى ١٨٨ ٢- البرهنة والاستدلال العلمي من ص ١٩٠ إلى ص ١٩٦ ٣- نشاطات الغلق والتلخيص من ص ١٩٧ إلى ص ٢٠٠	الوحدة الخامسة ورقة مراجعة اختبار الفترة الأولى الفصل الدراسي الثالث
	Writing	Writing Attention to detail: The ability to carefully examine written text to identify and correct errors in grammar, punctuation, spelling, and formatting. Creativity: The capacity to generate original ideas and imaginative storylines to develop engaging narratives. Plot development: The ability to structure a story effectively by developing characters, setting scenes, and creating a coherent plotline that engages readers from beginning to end.	Writing <ul style="list-style-type: none"> Proofreading Complete the Story
Wednesday 27/03/2024	Economics	To describe how various types of businesses are formed and how they grow To discuss the advantages and disadvantages of sole proprietorships, partnerships, corporations and franchises To explain why many business owners choose to reinvest their profits To summarize the advantages of companies gained by merging with the other companies To identify ways new businesses can start-up funds To describe the activities of To explain why the values of nonprofit organizations and cooperatives are difficult to analyze To categorize cooperatives according to their purpose To discuss the purpose of labor unions of professional associations and business associations To identify the different types of union arrangements that exist today. To analyze the effect of union action on the modern labor industry To summarize union activity from colonial times to the 1930s To evaluate the strength of the labor movement since the 1930s.	Chapter 8 Lesson 1 - Forms of Business Organizations Lesson 2 - Business Growth and Expansion Lesson 3 - Non-Profit Organization Chapter 9 Lesson 1 - The Labor Movement Lesson 2 - Wages and Labor Disputes Lesson 3 - Employment Trend and Issues Chapter 8 Worksheet Chapter 9 Worksheet

Thursday 28/03/2024	دراسات إسلامية	حديث ١ ١- أن تبين معاني المفردات ٢- تعدد السبع الموبقات ٣- تبين خطورة الوقوع في الموبقات ٤- أن تدرك أهمية الاستقامة والعفة وحفظ الجوارح ٥- تضرر مثل على زنا العين و الأذن و اليد و الرجل ٦- تبين معنى الغش وحكمة ٧- تستنبط الفوائد من الأحاديث	حديث ١ حديث (اجتنبوا السبع الموبقات) حديث (كتب على ابن آدم نصيبه من الزنا) حديث (أن رسول الله مر على صبرة طعام) ورقة مراجعة اختبار الفترة الأولى الفصل الدراسي الثالث
Tuesday 16/04/2024	Literature & Vocabulary	Academic Vocabulary: Understanding and applying specialized terminology relevant to a particular field of study or academic discipline. Vocabulary: Effectively utilizing various strategies, such as context clues or word analysis, to comprehend and expand one's vocabulary while reading texts. Delineate & Evaluate an Argument: Analyzing the logical structure of an argument, identifying premises, evidence, and conclusions, and assessing the validity and soundness of the argument. Determine Author's Purpose: Identifying the author's intent or motive behind writing a text, whether it's to inform, persuade, entertain, or express emotions or opinions. Summarize the Text: Condensing the main ideas, key points, and essential details of a text into a concise and coherent overview while retaining its meaning and significance. Support Inferences: Draw Conclusion: Drawing logical conclusions or making reasoned judgments based on evidence, clues, and implicit information presented in the text. Analyzing the Text: Examining literary elements, themes, character development, and other textual features to gain a deeper understanding of the content and its implications.	Collections 5: Taking Risks Academic Vocabulary- Page: 408 Explosion of the Space Nation Challenger: Address the Nation ppt + Delineate & Evaluate an Argument- Page: 431 Determine Author's Purpose- Page: 431 Selection-Pages: 429-430 Analyzing the Text- Page: 432 The Mosquito Solution ppt + Vocabulary- 470 Summarize the Text- 468 Support Inferences: Draw Conclusion- 468
Wednesday 17/04/2024	الدراسات الاجتماعية	- ترتيب ملوك المملكة العربية السعودية وفق توليهم الحكم - توثق تاريخ تولي الملك سلمان بن عبدالعزيز الحكم - توضيح أبرز إنجازات الملك عبدالله بن عبدالعزيز رحمه الله - توضيح المنجزات الحضارية في عهد ملوك المملكة العربية السعودية . - تصنف أبرز الإنجازات في عمارة الحرمين الشريفين في عهد ملوك المملكة العربية السعودية .	الوحدة : التاريخ الوطني المملكة العربية السعودية (عهود الملوك - المنجزات الحضارية - عمارة الحرمين الشريفين) ورقة مراجعة اختبار الفترة الأولى الفصل الدراسي الثالث
Thursday 18/04/2024	Elective Art	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	Worksheet #1 (Art movement) *Worksheet #2 (Romanticism) *Required materials for the practical part: Soft pastel colors, pencil, eraser ,dark color canson paper(small size)



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	Adv. Biology	<p>Chapter 9 More about microbes</p> <p>L 1 Bacterial structure and growth Describe the different structures of bacteria Describe how bacteria grow</p> <p>L2 Microorganisms and disease Describe some diseases that are caused by microorganisms</p> <p>L3 Microorganisms and food Describe how microbes are used in manufacturing food</p> <p>Lesson 4 Biofuels Identify what are biofuels Describe how are microorganisms used to produce biofuels</p> <p>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>	Ch9 Worksheet
	Computer	<p>Programming with Python:</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 	Computer Worksheet for Quiz (Written & Practical) + Copy book notes
	French	<ul style="list-style-type: none"> • compléter les phrases en utilisant les articles partitifs du , de la , de l'ou des . • Conjuguer les verbes boire , manger et détester au présent de l'indicatif. • Lire l'heure. • Compréhension écrite . 	Fiche de travail#5
Sunday 21/04/2024	Physics	<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 14 L2 Wave Properties L3 Wave Behavior</p> <p>Chapter 15 L1 Properties and Delection of Sound L2 The Physics of Music</p> <p>Chapter- 16 Fundamentals of light L- 1 Illumination L2 The Wave Nature of Light</p> <p>Worksheet Chapter 14 ,15 and 16 in Classera</p>

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



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