

**End of Semester 1 Exams Required Material 2023 – 2024****Grade 12 – WORLD LITERATURE**

<ul style="list-style-type: none"> ● Unseen Reading Comprehension: 	<ul style="list-style-type: none"> ● An unseen passage with comprehension questions that are suitable for your grade-level. ● For Practice, you may answer reading activities on Achieve 3000.
<ul style="list-style-type: none"> ● Literary Skill: 	<ul style="list-style-type: none"> ● Unit 1 Lesson 2: The Wife of Bath’s Tale Skills: Analyze structure and narrator ● Unit 2 Lesson 1: The Tragedy of Hamlet Act 1 Skills: Analyze conflict and soliloquy
<ul style="list-style-type: none"> ● Literature & Vocabulary: 	<p>Literature:</p> <ul style="list-style-type: none"> ● The Wife of Bath’s Tale ● The Tragedy of Hamlet Act 1 <p>Vocabulary words: Preamble, Virtue, Bequeath, Sovereignty, Rebuke</p> <p>Skill: Determine the meaning of words and phrases as they are used in a text using context clues, including figurative and connotative meanings</p>
<p>Platforms for Resources: HMH Into Literature Grade 12 https://www.hmhco.com/ui/login/?state=https%3A%2F%2Fwww.hmhco.com%2Fui%2F</p> <p>Important Note: Refer to the presentations and resources on Canvas (<i>Wife of Bath</i> and <i>The Tragedy of Hamlet Act 1</i> Modules) for all included material, as well as all the exit tickets, homework, and tasks on Canvas and MS Teams. https://gis-ae.instructure.com/login/canvas</p>	

Grade 12 – ENGLISH LANGUAGE AND COMPOSITION

Unseen Reading Comprehension:	<ul style="list-style-type: none"> ● An unseen passage with comprehension questions that are suitable for your grade-level and that focus on rhetorical analysis. ● For Practice, you may answer reading activities on Achieve 3000.
Research Skills (APA Style):	<ul style="list-style-type: none"> ● APA Format ● Title Page and Introduction ● Literature Review ● In-text / End-text Citations
Academic Writing Skills:	<ul style="list-style-type: none"> ● The Writing Process ● Free writing ● Argumentative Essay Writing
Close Reading & Rhetorical Analysis:	<ul style="list-style-type: none"> ● The Gettysburg Address by Abraham Lincoln
Visual Literacy Analysis:	<ul style="list-style-type: none"> ● The OPTIC Analysis
<p>Important Note: Refer to the presentations and resources on Canvas for all included material, as well as all the exit tickets, homework, and tasks on Canvas and MS Teams.</p>	

**Grade 12 – WOMEN IN LITERATURE**

Chapter	HMH links	Key. Vocabulary
<ul style="list-style-type: none"> ● Selection 3: The Individual and Society: Literature of the American Renaissance <ul style="list-style-type: none"> - Poem 1/2: Much Madness is Divinest Sense/They Shut me Up in Prose - Literary Analysis: Emily Dickinson Poetic Devices & Theme - Genre: Poetry ● Text Organization 	https://www.hmhco.com/content/literature/into_lit/g11/student/epub/ilnl21enes_g11u03_student/#cardS--11le_13_ese_muchmadnessense_rd/	<ul style="list-style-type: none"> - Metaphor - Simile - Oxymoron - Personification - Hyperbole - Slant Rhyme - Dashes - Compare & contrast - Chronological - Sequence - Problem & solution - Cause & effect
<ul style="list-style-type: none"> ● Poem 3: In the Season of Change by Teresa Palomo Acosta ● Literary Analysis: Sound Devices & Structure ● Genre: Poetry 	https://www.hmhco.com/content/literature/into_lit/g11/student/epub/ilnl21enes_g11u03_student/#cardS--11le_13_ese_seasonofchange_rd/	<ul style="list-style-type: none"> - Assonance - Consonance - Alliteration - Repetition - Rhyme
<p><u>Unseen Reading Comprehension</u></p> <ul style="list-style-type: none"> ● An unseen passage with comprehension questions that are suitable for your grade-level. ● For Practice, you may answer reading activities on Achieve 3000. 		
<p><u>Novel Study:</u></p> <ul style="list-style-type: none"> ● "I AM MALALA" Part 1 pages 9 - 84 		
<p>Research Skills:</p> <ul style="list-style-type: none"> ● APA Research 		
<p>Important Note: Refer to the presentations and resources on Canvas for all included material, as well as all the Exit Tickets, homework, and tasks on MS Teams.</p>		

**Grade 12 – AP CALCULUS AB**

Chapter/Module	Section Number and Name
<u>Unit 1:</u> Limits & Continuity	1.14: Connecting Infinite Limits and Vertical Asymptotes
	1.15: Connecting Limits at Infinity and Horizontal Asymptotes
<u>Unit 2:</u> Differentiation: Definition & Basic Derivative Rules	2.1: Defining Average and Instantaneous Rates of Change at a Point
	2.2: Defining the Derivative of a Function & Using Derivative Notation
	2.3: Estimating Derivatives of a Function at a Point
	2.4: Connecting Differentiability and Continuity: Determining When Derivatives Do and Do Not Exist
	2.5 Applying the Power Rule
	2.6 Derivative Rules: Constant, Sum, Difference, and Constant Multiple
	2.7 Derivatives of $\cos x$, $\sin x$, e^x , and $\ln x$
	2.8 The Product Rule
2.9 The Quotient Rule	

- **Materials Needed:** Graphical calculator

Grade 12 – MATH FOR BUSINESS & PERSONAL FINANCE

Chapter	Lesson	Pages
<u>Chapter 9:</u> Payroll	Lesson 9.1: Calculating Various Types of Employees' Gross Pay	252 - 255
	Lesson 9.2: Computing Payroll Deductions for Employees' Pay; Employers' Responsibilities	256 - 262
<u>Chapter 10:</u> Simple Interest	Lesson 10.1: Calculation of Simple Interest and Maturity Value	276 - 278
	Lesson 10.2: Finding Unknown in Simple Interest Formula	279 & 280
	Lesson 10.3: U.S. Rule—Making Partial Note Payments before Due Date	282 - 284
<u>Chapter 12:</u> Compound Interest & Present Value	Lesson 12.1: Compound Interest (Future Value)—The Big Picture	320 - 326

- **Note:** Study from the provided PPT + all related notes on your copybook + all related problems solved from the textbook + Canvas.

**Grade 12 – STATISTICS**

Chapter/Module	Section Number and Name	Pages Online Book
<u>Chapter 4</u> Descriptive Statistics	Lesson 4.5: Percentiles, quartiles, and box plots	129 - 137
	Lesson 4.6: Covariance and correlation	138 - 140
	Lesson 4.7: Grouped data	142 & 143
<u>Chapter 5</u> Probability	Lesson 5.1: Random experiments	160 & 161
	Lesson 5.2: Probability	162 - 164
	Lesson 5.3: Rules of probability	165 - 170
	Lesson 5.4: Independent events	171 - 174
	Lesson 5.5: Contingency tables	175 - 180
	Lesson 5.6: Tree diagrams	181 & 182

- **Materials Needed:** Scientific calculator.
- **Note:** All the lessons and pdf files are on Teams. Study from your Statistics notebook, worksheets, assignments, e book as well as textbook pdf files shared with you on Teams and Canvas site.
- **Canvas site link:** <https://gis-ae.instructure.com/courses/663>

Grade 12 – BIOLOGY

Chapter	Title	Canvas Modules
<u>Chapter 2:</u> Chemistry of life	2.4 Chemical reactions	All the related modules on Canvas
	2.5 Enzyme	
	Protein Synthesis (Only the module in Canvas)	
<u>Chapter 3:</u> Cell structure & function	3.1 Cell theory	
Labs	Testing for Organic Compounds	
Worksheets	All the uploaded worksheets on Classkick	
Make sure to study all the related modules & worksheets on Canvas.		

**Grade 12 – AP BIOLOGY**

AP Unit	Topic	Title	Canvas Modules
6: Biotechnology	1	DNA & RNA Structure	<u>Course:</u> AP Biology <u>Modules:</u> Prerequisites Unit 6
	2	Replication	
	3	Transcription & RNA Processing	
	4	Translation	
	5	Regulation of Gene Expression	
	6	Gene Expression & Cell Specialization	
	7	Mutations	
	8	Biotechnology	
Self-Study Material			
2: Cell Structure & Function	5	Membrane Permeability	N/A
	6	Membrane Transport	
	7	Facilitated Diffusion	
	8	Tonicity & Osmoregulation	
	9	Mechanisms of Transport	
	10	Cell Compartmentalization	
Worksheets	All worksheets on Classkick & AP classroom. Study the copybook notes (class notes & self-study notes) and practice questions on the copybook.		
LABS	Factors Affecting Biological Molecules		

Grade 12 – CHEMISTRY

Chapter	Title	Canvas Modules
Chapter 6	Section 1: Introduction to Chemical Bonding	All Related Modules of Canvas
Chapter 11	Section 1: Gas and Pressure	
	Section 2: The Gas Laws	
	Section 4: Diffusion and Effusion	
Labs	Electron configuration and electron battleship	
Worksheets	All related worksheets in Classkick.	
Make sure you study Scientific method + Notes + Answer key, and all related PowerPoints.		

**Grade 12 – AP CHEMISTRY**

AP Unit	Topic	Title	Canvas Modules
Unit 4	4.5	Stoichiometry	All power points are attached on the relevant modules.
	4.6	Introduction to titration	
	4.7	Types of chemical reactions	
	4.8	Introduction to acid-base reactions	
SELF STUDY MATERIAL			
Unit 3	3.5	Kinetic Molecular Theory	Classkick Link for Girls: https://app.classkick.com/#/login/36A56Z Classkick Link for Boys: https://app.classkick.com/#/login/Y4EAKC
	3.6	Deviation from ideal gas law	
	3.7	Solution and Mixtures	
	3.8	Representations of solutions	
Worksheets	All related worksheets on classkick. Classkick Link for Girls: https://app.classkick.com/#/login/LTEYGM Classkick Link for Boys: https://app.classkick.com/#/login/HUZ4BQ		
LABS	Solution preparation and dilution Acid-Base titration Redox titration		

Grade 12 – ALGEBRA BASED PHYSICS

Chapter	Title	Canvas Modules
<u>Chapter 3:</u> Two-dimensional motion & vectors	3.3 Projectile motion (only first type)	Chapter 3: Two-dimensional motion and vectors
<u>Chapter 6:</u> Momentum & collision	6.1 Momentum and impulse	Chapter 6: Momentum and collision
	6.2 Conservation of momentum	
	6.3 Elastic and inelastic collision	
<u>Chapter 8:</u> Fluid Mechanics	8.1 Fluid and buoyant Force	Chapter 8: Fluid Mechanics
	8.2 Fluid Pressure	
Labs	Horizontal projectile motion	
Worksheets	All worksheets for lessons (3.3/6.1-6.2-6.3/8.1-8.2) in class kick are included. Each mentioned lesson has a worksheet in class kick labelled by the name of the lesson.	

Make sure to study all PowerPoints, worksheets, answer keys and labs that are uploaded on Canvas.

**Grade 12 – ECONOMICS**

Chapter	Lesson	Pages
Chapter 4: Demand	Lesson 1: What Is Demand?	Online Resource- Understanding Economics E-book
	Lesson 2: Factors Affecting Demand	
	Lesson 3: Elasticity of Demand	
Chapter 5: What is supply?	Lesson 1: What Is Supply?	
Chapter 8: Business Organizations	Lesson 1: Forms of Business Organization	
	Lesson 2: Business Growth and Expansion	

- **Note:** Revise from the provided PPTs, all the notes written in your notebook, worksheets, material provided on the Teams, Revision sheets provided in the class and the e-textbook.

Grade 12 – INTERNATIONAL RELATIONS

Chapter	Lesson	Pages
<u>Part IV:</u> Contemporary Challenges and the Future of International Relations	Chapter 12: Non-State Actors and Challenges to Sovereignty	PowerPoint
<u>Part I:</u> Foundations of International Relations	Chapter 2: The Emergence of a Global System of States, 1500-Today	42 & 43 PowerPoint
	Chapter 4: The analysis of Foreign Policy	PowerPoint

- **Note:** Students are requested to refer to their Canvas site, MS Teams, textbook, presentations, videos as well as revise all related content: classwork, worksheets, exit tickets, quiz, and drop quiz.

Grade 12 – PSYCHOLOGY

Chapter	Topic	Lesson
13	Measuring Achievements, Abilities, and Interests	Lesson 4: Personality Testing
19	Group Interaction	Lesson 1: Group Behavior
		Lesson 2: Conformity and Obedience
3	Infancy and Childhood	Lesson 1: Physical, Perceptual, and Language Development

- **Note:** Students are requested to refer to their MS Teams, Canvas, Online Textbook, presentations, videos, projects, as well as revise all related content: classwork, worksheets, exit tickets, and drop quiz.

**Grade 12 – ANTHROPOLOGY**

Unit	Chapter(s)	Pages
2	Chapter 4: Doing Archaeology and Biological Anthropology	49 - 55
	Chapter 5: Evolution and Genetics	PowerPoint Presentations
	Chapter 6: Human Variation and Adaptation	PowerPoint Presentations

- Students are requested to refer to their Canvas site, MS Teams, online textbook, presentations, videos as well as revise all related content: classwork, worksheets, exit tickets and drop quiz.

Grade 12 – ROBOTICS**From “ PDF Available on Canvas”****(Theoretical & Practical)**

- TechnoArduino II-Session 2
- TechnoArduino II-Session 3

E-Safety:

- Algorithms-media-creation
- Artificial Intelligence_ Is It Plagiarism

Note: All the Worksheets, Drop quizzes, Exit tickets, and the content uploaded on Canvas and Teams related to the above-mentioned topics are included.

Grade 12 – ETHICAL HACKING**From “PDF Available on Canvas”**

- Chapter 2: **Introduction to Penetration Testing** **Week 3**
- Chapter 3: **Social Engineering and Physical Security** **Week 4 & Week 10**
- Chapter 4: **Reconnaissance** **Week 11 & Week 14**

Note: All the Worksheets, Drop quizzes, Exit tickets, and the content uploaded on Canvas and Teams related to the above-mentioned topics are included.

**Grade 12 - INTRODUCTION TO BUSINESS**

Chapter	Lesson	Pages
Chapter 6: The Nature of Management	The Importance of Management	Refer to Online Book
	Management Functions	
	Types of Management	
	Skills Needed by managers	
	Leadership	
	Decision Making	
	Management in Practice	
Chapter 10: Managing Human Resources	The Nature of Human Resource Management	Refer to Online Book
	Planning for Human Resource Needs	
	Recruiting and Selecting New Employees	
	Developing the Workforce	
	Compensating the Workforce	
	Managing Unionized Employees	
	The Importance of workforce Diversity, Equity, & Inclusion	
	Employee Relationships	
Trends in Management of the Workforce		
Chapter 11: Customer Driven Marketing	Nature of Marketing	Refer to Online Book
	Developing a Marketing Strategy	
	Marketing Research and Information Systems	
	Buying Behaviour	
	The Marketing Environment	
	Importance of Marketing to Business and Society	
Chapter 12: Dimension of Marketing Strategy	The Marketing Mix	Refer to Online Book
	Product Strategy	
	Pricing Strategy	
	Distribution Strategy	
	Promotion Strategy	
	Importance of Marketing Strategy	
Chapter 13: Digital Marketing and Social Media	Growth and Benefits of Digital Communication	Refer to Online Book
	Using Digital Media in Business	
	Digital Media and the Marketing Mix	
	Consumer-Generated marketing and Digital Media	
	Online Monitoring and Analytics	
	Using Digital Media to Learn About Customers	
	Ethical and Legal Issues in Digital Marketing	
	Digital Media's Impact on Marketing	

- **Note:** Revise from the provided PPTs, all the notes written in your notebook, work done on Teams, Canvas, and the online textbook.

**Grade 12 – ENTREPRENEURSHIP**

Chapter	Section	Pages
<u>Chapter 6:</u> Assessment of Entrepreneurial Opportunities	Section 6.1: The Challenge of New-Venture Start-Ups (Components of New-Venture Motivation)	Online Book
	Section 6.2: Pitfalls in Selecting New Ventures	
	Section 6.5: Why New Ventures Fail	
<u>Chapter 9:</u> Legal Challenges for Entrepreneurial Ventures	Section 9.4: Legal Forms for Entrepreneurial Ventures	Online Book
<u>Chapter 10:</u> Marketing Challenges for Entrepreneurial Venture	Section 10.1: The New Marketing Concept for Entrepreneurs, Marketing Mix.	Online Book
	Section 10.2: Marketing Research	
	Section 10.3: Inhibitors to Marketing Research	
	Section 10.6: The Components of Effective Marketing (Marketing Segmentation)	
<u>Chapter 12:</u> Developing an Effective Business Plan	Section 12.3: What Is a Business Plan?	Online Book
	Section 12.4: Benefits of a Business Plan	
	Section 12.6: Elements of a Business Plan	
	Section 12.7a: A Practical Example of a Business Plan	

- Note:** Revise from the provided PPTs, all the notes written in your notebook, work done on Teams, and the online textbook.

Grade 12 – PHYSICS CALCULUS BASED

Chapter & Lesson	Title	Canvas Modules
<u>Chapter 2:</u> Motion in a Straight Line	2.4 Acceleration vector	<u>Chapter 2:</u> Motion in one dimension
	2.6 Finding Displacement and Velocity from Acceleration	
	2.7 Motion with constant acceleration	
	2.8 Free fall	
<u>Chapter 3:</u> Motion in two Dimension	3.3 Projectile motion (Type 1,2&3)	<u>Chapter 3:</u> Motion in two Dimension
<u>Chapter 4:</u> Force	4.2 Dynamics in one and two dimensions	<u>Chapter 4:</u> Force
Labs	Horizontal Projectile Motion	
Worksheets	All worksheets for lessons (2.4-2.6-2.7-2.8/3.3/4.2) in class kick are included. Each lesson has a worksheet in class kick labelled by the name of the lesson.	
Make sure to study all PowerPoints, worksheets, answer keys and labs that are uploaded on Canvas.		

**Grade 12 – MORAL, SOCIAL & CULTURAL STUDIES**

Chapter/Unit	Lesson	Pages
<u>Unit 1:</u> Ethics in Real Life	<u>Lesson 3:</u> What is the impact of corruption?	36 – 43
<u>Unit 2:</u> Ethics in Real Life	<u>Lesson 1:</u> How to be a smart consumer?	108 - 113, 116 - 121
<u>Unit 3:</u> Globalization	<u>Lesson 1:</u> Introduction to Globalization	208 & 209, 213 - 217, 221 - 223

- Students are requested to refer to their Canvas, MS Teams, workbook, presentations as well as revise all related content: classwork, worksheets, exit tickets, drop quiz and case- study.

Grade 12 - ISLAMIC A**التربية الإسلامية**

الصفحات	اسم الدرس	الرقم	المجال
من ص 74 – 89	حديث الإفك – عظة وعبرة	- 1	الوحي الإلهي
من ص 90 - 101	السّنن الرّبانية	- 2	
من ص 44 – 60	الفراق بين الزوجين	- 1	أحكام الإسلام ومقاصدها (معاملات)
من ص 118 - 133	مقاصد التشريع الخمسة	- 1	أحكام الإسلام ومقاصدها (قواعد الأحكام)
من ص 134-141	الشيخة فاطمة بنت مبارك – حفظها الله -	- 1	السيرة النبوية والشخصيات

ملاحظة : المراجعة من الكتاب المدرسي + منصة ألف

Grade 12 - ISLAMIC B

Lesson	Pages	Note
Protecting Society against moral Crimes Surat an-Noor 1-10	10 - 21	All the work done on Teams' notebook, Assignments, Canvas and Textbook
Extremism	33 - 44	
Separation of Spouses	45 - 65	
Allah's Messenger (PBUH)and his social life	66 - 75	
The Slander Against Aisha (RA)11-26	78 - 97	



اللغة العربية

Grade 12 - ARABIC A

سيكون الاختبار في نصوص خارجية تطبق عليها النواتج والمهارات المدروسة في الدروس الآتية:

الموضوع	الرقم	اسم الدرس	الصفحات
القراءة والنصوص	1	سيرة غيرية " شاعرتان مبدعتان منذ الصغر "	ص 81
	2	قصيدة " أرق على أرق " للشاعر: (المتنبي)	ص 44
القواعد	1	أفعال المقاربة والرجاء والشروع	ص 48
	2	الجملة الاسمية (أشكال المبتدأ ، أشكال الخبر ، الحذف في الجملة الاسمية ، الترتيب في الجملة الاسمية)	ص 13
البلاغة	1	التشبيه والاستعارة بنوعيهما	خبرات سابقة
	2	المحسنات البديعية الجناس والطباق والمقابلة	خبرات سابقة
الكتابة الإبداعية	يشتمل سؤال الكتابة على موضوعين : 1. الكتابة في فن القصة 2. الكتابة في فن المقال اختر واحدا من الموضوعين وكتب عنه مراعيًا معايير فن الكتابة (للقصة أو المقال)		
ملاحظات	مراجعة المهارات النحوية والبلاغية السابقة		

Grade 12 - ARABIC B

سيكون الاختبار في نصوص من الكتاب أو نصوص خارجية تطبق عليها النواتج والمهارات المدروسة في الدروس الآتية:

الموضوع	الرقم	اسم الدرس	الصفحات
القراءة والنصوص	1.	درس المدينة المستدامة	جميع صفحات الدرس All the pages
	2.	درس إعادة التدوير	جميع صفحات الدرس All the pages
القواعد	1.	درس اسم الفاعل	الدفت وأوراق العمل
	2.	درس نائب الفاعل	الدفت وأوراق العمل
البلاغة	1.	السجع - المقابلة	الدفت وأوراق العمل
	2.	الجناس - التشبيه	الدفت وأوراق العمل
الكتابة	1	كتابة قصة قصيرة فيما لا يزيد عن 100 كلمة مع مراعاة المعايير الفنية لكتابة القصة القصيرة .	دفت التعبير والكتاب الصفي
ملاحظات	All work done in notebook , ppt. and worksheets included		