



Grade 12: Mid - Semester 2 Exams Required Material 2024 – 2025

Grade 11/12 – AMERICAN LITERATURE

<p>Unseen Reading Comprehension: (Informational Text)</p>	<p>An unseen passage with comprehension questions that are suitable for your grade-level. (For Practice, you may answer several reading activities on Achieve 3000).</p>
<p>Literature and Vocabulary</p>	<ul style="list-style-type: none"> • <u>Unit 2 - Lesson 3: One Today by Richard Blanco</u> https://www.hmhco.com/content/literature/into_lit/g11/student/epub/ilnl21en_ese_g11u02_student/#cards--11le_13_ese_onetoday_rd/ <ul style="list-style-type: none"> - Identify Explicit and Implicit Meanings - Make Inferences - Analyze Poetry: layout, structure, point of view, language, imagery, tone, sentence structure - Anaphora - Juxtaposition - Precise Lexis - Enjambement - Pathos - Allusion - Synecdoche <p>Vocabulary: crescendo, array, teem, glean, prejudice, majesty, stitch, resilience, jut, constellation</p> <ul style="list-style-type: none"> • <u>Unit 2: Lesson 6: A Soldier for the Crown</u> https://www.hmhco.com/content/literature/into_lit/g11/student/epub/ilnl21en_ese_g11u02_student/#cards--11le_13_ese_soldiercrown_rd/ <ul style="list-style-type: none"> - Narrative Features: second-person narration, characterization, - Effect of Minor Sentences - Figurative Language - Imagery - Suspense - Point of View <p>Vocabulary: provisions, barter, inscription, bayonet, forager, fortification, plunder, smallpox, slink, disastrous</p>
<p>Writing:</p>	<ul style="list-style-type: none"> • Response to Literature: Compare and Contrast Essay (250 to 350 words)
<p>Platforms for Resources:</p> <ul style="list-style-type: none"> • HMH: https://www.hmhco.com/ui/login • Canvas: https://gis-ae.instructure.com/login/canvas <p>Important Note: Refer to the annotations we made in Unit 2: One Today & A Soldier for the Crown on HMH and any other shared files with the students that are relevant to the topics and skills above.</p>	

**Grade 11/12 – WORLD LITERATURE**

Unseen Reading Comprehension: (Informational Text)	An unseen passage with comprehension questions that are suitable for your grade-level. (For Practice, you may answer several reading activities on Achieve 3000).
Literature and Vocabulary	<ul style="list-style-type: none"> ● Sonnet 30, Sonnet 75, Marriage is a Private Affair ● Skills: <ul style="list-style-type: none"> - Analyze Sonnets - Summarize Poetry - Compare themes ● Vocabulary: <ul style="list-style-type: none"> - APA Research Terminology: Different parts of a research paper (ex: Introduction, Literature Review, Methodology etc...)
Writing Skill:	<ul style="list-style-type: none"> ● You will be given an unseen Sonnet which you will analyze thematically using the PEEL method. Word Count: 200-250
<p>Platforms for Resources:</p> <ul style="list-style-type: none"> ● HMH Into Literature: https://www.hmhco.com/ui/login ● Canvas: https://gis-ae.instructure.com/login/canvas <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 https://gis-ae.instructure.com/login/canvas</p>	



Grade 11/12 – WOMEN IN LITERATURE

Unseen Reading Comprehension: (Informational Text)	An unseen passage with comprehension questions that are suitable for your grade-level. (For Practice, you may answer several reading activities on Achieve 3000).
Literature and Vocabulary	<p>Unit 4: The Quest for Freedom</p> <p>Selection 1: Aftermath of the Civil War by Mary Boykin Chesnut Vocabulary: Capitulated - Improvised - Remnant - Penury - Bivouac</p> <p>Selection 2: Declaration of Sentiments by Elizabeth Cady / Speech to the American Equal Rights Association</p> <p>Literary Analysis: Rhetorical devices & Persuasive techniques</p> <p>Vocabulary: - Transient - Supposition - Delinquency - Abject - Consolation</p>
Writing Skill:	Write a persuasive essay of 300 words applying rhetorical devices, persuasive techniques and proper essay form.
<p>Platforms for Resources:</p> <ul style="list-style-type: none">● HMH: https://www.hmhco.com/ui/login● Canvas: https://gis-ae.instructure.com/login/canvas <p>Important Note: <i>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.</i></p>	

**Grade 11/12 – AP ENGLISH LANGUAGE AND COMPOSITION**

<p>Part I: Unseen reading passage(s) with comprehension questions that are aligned to the AP standards</p> <p>Part II: Editing for clarity exercises.</p> <p>Part III: Synthesis essay writing</p>	
<p>Part I: Unseen Reading</p> <p>Unit 5: Skills: 5.B, 6.B, 7.A, 8.A</p> <p>Unit 6: Skills: 3.A, 4.A, 3.B, 4.B, 7.A, 8. A</p>	<p>Unit 5: Crafting Coherent Arguments</p> <p>Lessons:</p> <p>5.3 Reasoning and Organization - Reading 5.4 Reasoning and Organization - Writing (Using Transitions) 5.5 Style - Reading- 5.6 Style - Writing</p> <p>Unit 6: Synthesizing Sources and Shaping Perspective</p> <p>Lessons:</p> <p>6.1 Claims and Evidence (Reading) 6.2 Claims and Evidence (Writing) 6.3 Claims and Evidence (Reading) 6.6 Style (Writing) 6.4 Claims and Evidence (Writing) 6.5 (Style Reading) (Self Study Videos on AP Classroom)</p>
<p>Part II</p> <p>Editing for Clarity:</p>	<p>Misplaced Modifiers: Barron’s Textbook pages 135 to 137 HMH: Modifiers and Placement of Modifiers (Level Up Tutorials) https://www.hmhco.com/content/literature/level_up/lit121/index.html?custom_correlation_id=f3eff114-a3e1-4a7d-8476-f1fb6d968fbc</p> <p>Dangling Modifiers Barron’s Textbook pages 135 to 137 HMH: Placement of Modifiers (misplaced modifiers and Dangling Modifiers) https://www.hmhco.com/content/literature/grammar_studio/g12/student/epub/hmh_nglit_na_12_gse_m10/#cards--12le_03_gs_placement_of_modifiers_mo/</p> <p>Parallelism Barron’s Textbook pages 138 to 141 Faulty Parallelism Definition, Structure & Examples (PPT)</p>
<p>Part III:</p> <p>Synthesis Essay Guidelines</p> <p><i>Length:</i> <i>Minimum 300 words</i></p> <p><i>Structure: At least 5 paragraphs (Introduction, Body Paragraphs, Conclusion)</i></p>	<p>Expectations:</p> <ul style="list-style-type: none"> Clearly state your thesis (a defensible position on the topic). Use textual evidence from the provided sources to develop your argument. Explain how and why your evidence supports your position. Ensure proper citation of sources (Source A, Source B, etc.). Maintain coherent organization, logical progression, and strong transitions. <p>Be sure to synthesize the sources effectively, demonstrating your ability to engage with multiple perspectives rather than simply summarizing them.</p>



<i>Sources: Integrate evidence from at least 3 of the provided sources.</i>	Study Material: <ul style="list-style-type: none"> ● Barron’s Textbook Chapter 4: Synthesis Essay pgs. 94-116 ● Optic Strategy PPT ● Synthesizing Information PPT
Textbook, Resources, and Platforms: <ul style="list-style-type: none"> ● Textbook: Barron’s AP English Language and Composition Premium ● AP Classroom: Study all the assigned materials and videos on the CollegeBoard AP Classroom platform. ● Canvas: https://gis-ae.instructure.com/login/canvas ● Google Classroom: https://classroom.google.com/c/NzEwNDc1NTE0MDE3?cjc=3mtroq4\ 	
Important Note: <i>Refer to the presentations and resources available on Canvas/Google Classroom, including all exit tickets, homework, and class tasks. Be sure to review your notebook, as well as any worksheets and handouts distributed in class</i>	

Grade 12 – MORAL, SOCIAL & CULTURAL STUDIES

Unit	Lesson	Pages
<u>Volume 1</u> Unit 3: Globalisation	Lesson 5: The Environmental Aspect of Globalisation	PowerPoint Presentation
	Lesson 6: The Political Aspect of Globalisation	
<u>Volume 2</u> Unit 4: Morality In Practice	Lesson 2: Project Learning Outcomes and how to achieve them	
<u>Volume 2</u> Unit 5: Background Research	Lesson 1: Introduction to Research Methods	pages 29 to 35
	Lesson 2: The Research Proposal	PowerPoint Presentation

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

Grade 11 /12– Introduction to Astronomy

Unit	Lesson	Canvas
1 Our planetary neighborhood	S1: The Moon	All uploaded material.
	S2: Circumference and Radius	
	S3: Conversions of AU and ly	
Please study all uploaded material on Canvas: worksheets, labs, presentations, exit tickets, answer keys, and labs.		

**Grades 11&12 – BIOLOGY**

Chapter	Concept	Lesson	Module on canvas
Chapter 8: Photosynthesis	8.1	Photosynthesis converts light energy to the chemical energy of food	8.Photosynthesis
	8.2	The light reactions convert solar energy to the chemical energy of ATP and NADPH	
	8.3	The Calvin cycle uses the chemical energy of ATP and NADPH to reduce CO ₂ to sugar	
Chapter 9: The Cell Cycle	9.1	Most cell division results in genetically identical daughter cells	9. The Cell Cycle
	9.2	The mitotic phase alternates with interphase in the cell cycle	
LAB			
Lab	1.	Investigating Photosynthesis and Cellular Respiration	Science Lab
Scientific Method	1.	Scientific Method worksheet	
<i>Make sure you study the scientific method + notes +worksheets+ answer keys + power points in Canvas.</i>			

Grade 11/12 – AP BIOLOGY

Chapter	Topic	AP Classroom
Unit 6	6.1: DNA and RNA Structure	Unit 6 Topics 1 to 6
	6.2: Replication	
	6.3: Transcription & RNA Processing	
	6.4: Translation	
	6.5: Regulation of Gene Expression	
	6.6: Gene Expression and Cell Specialization	
Self-Study Unit 3	3.3: Environmental Impacts of Enzyme Function	Unit 3 Topics 3,4,5,6
	3.4: Cellular Energy	
	3.5: Photosynthesis	
	3.6: Cellular Respiration	
Resources	AP Classroom Unit 6 Topics 1-6 & Unit 3 Topics 3,4,5,6 PowerPoint Presentations on Canvas Unit 6 Module. Notebook notes, Self-study sheets on canvas, Classkick assignments.	
Worksheets	AP Classroom assignments, Campbell book assignments	
<i>Make sure you study the scientific method + notes on the copybook + answer keys + power points on Canvas</i>		

**Grade 11/12 – ALGEBRA BASED PHYSICS**

Chapter	Lesson	Canvas Modules
Chapter 15	The First Law of Thermodynamics	Chapter 15 Thermodynamics
	Thermodynamic Processes	
Chapter 16	Heat Engines	Chapter 16 The Second Law of Thermodynamics
Chapter 17	Electric Charge	Chapter 17 Electric Charge and Electric Field
	Electric Field and Electric Forces	
Chapter 18	Electric Potential	Chapter 18 Electric Potential and Capacitance
Worksheets	All <u>related</u> worksheets on Classkick.	
Make sure you study the scientific method + Labs+ notes + answer keys + power points on Canvas.		

Grade 11/12 – AP CHEMISTRY

Chapter	Lesson	Platform
Unit 4 Chemical Reactions	4.1: Introduction for Reactions	All required materials are uploaded on <u>Canvas</u> and <u>College board</u>
	4.2: Net Ionic Equations	
	4.3: Representations of Reactions	
	4.4: Physical and Chemical Changes	
	4.5: Stoichiometry	
	4.6: Introduction to Titration	
	4.7: Types of Chemical Reactions	
	4.8: Introduction to Acid-Base Reactions	
	4.9: Oxidation-Reduction (Redox) Reactions	
Worksheets	All uploaded worksheets	
Make sure you study from AP College board + notes + answer keys + power points in Canvas		

**Grade 11/12 – CHEMISTRY**

Chapter	Lesson	Canvas
5	5.2: The first law of thermodynamics	Uploaded docs on Canvas: Chapter 5-Thermodynamics pptx 1 st law of thermodynamics 1 st law of thermodynamics (2) 1 st law of thermodynamics worksheet Enthalpy worksheet Food calorimetry Calorimetry worksheet Hess's law worksheet
	5.3: Enthalpy	
	5.4: Enthalpies of reaction	
	5.5: Calorimetry	
	5.6: Hess's law	
Worksheets	All worksheets are uploaded on Canvas.	
Resources	Power point presentation on Canvas Notebook notes Labs on Canvas	
Make sure you study the scientific method + notes + Answer Keys + power points on Canvas.		

Grade 12 – PHYSICS CALCULUS BASED

Chapter	Lesson	Canvas Modules
Chapter 4	4.5 Ropes and Pulleys	Chapter 4 Dynamics
	4.6 Applying Newton's Laws	
	4.7 Friction Force	
Chapter 10	10.2 Calculation of Moment of Inertia	Chapter 10 Rotation
	10.3 Rolling without Slipping	
	10.4 Torque	
Worksheets	All related worksheets on Classkick.	
<i>Make sure you study the scientific method + Labs + notes + answer keys + power points on Canvas.</i>		

**Grade 12 – MATH FOR BUSINESS & PERSONAL FINANCE**

Chapter	Lesson	Pages
<u>Chapter 13:</u> Annuities and Sinking Funds	Lesson 13.1: Annuities: Ordinary Annuity and Annuity Due (find future value)	344 to 364
	Lesson 13.2: Present Value of an Ordinary Annuity	
	Lesson 13.3: Sinking Funds	
<u>Chapter 14:</u> Instalment Buying	Lesson 14.1: Cost of instalment Buying	376 to 396
	Lesson 14.2: Revolving Charge Credit Cards	

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 5</u> Probability	Lesson 5.8: Counting rules	189 to 192
<u>Chapter 6</u> Discrete Probability Distributions	Lesson 6.1: Discrete Probability Distributions	202 to 204
	Lesson 6.2: Expected Value and Variance	205 to 208
	Lesson 6.4: Binomial Distribution	210 to 216
<u>Chapter 7</u> Continuous Probability Distributions	Lesson 7.3: Normal Distribution	244 to 246
	Lesson 7.4: Standard Normal Distribution	247 to 259

- **Note:** All the lessons and pdf files are on teams/ CANVAS. Study from your Statistics notebook, worksheets, assignments, e book as well as textbook pdf files shared with you on teams and canvas site.
- **Materials Needed:** Scientific calculator
- **Site:** <https://connect.edu.mheducation.com/>

**Grade 12 – AP CALCULUS AB**

Chapter/Module	Section Number and Name
<u>Unit 4:</u> Contextual Applications of Differentiation	Topic 4.5: Solving Related Rates Problems
	Topic 4.6: Approximating Values of a Function Using Local Linearity and Linearization
	Topic 4.7: Using L'Hospital's Rule for Determining Limits of Indeterminate Forms
<u>Unit 5:</u> Analytical Applications of Differentiation	Topic 5.1: Using the Mean Value Theorem
	Topic 5.2: Extreme Value Theorem, Global Versus Local Extrema, and Critical Points
	Topic 5.3: Determining Intervals on Which a Function is Increasing or Decreasing
	Topic 5.4: Using the First Derivative Test to Determine Relative (Local) Extrema

Note: All the lessons and pdf files are on Google Classroom.

Grade 11/12 – PSYCHOLOGY**Note:**

Students are requested to refer to the Canvas website, MS Teams, McGraw Hill online textbook, power

Chapter	Lesson	Pages
<u>Chapter 6:</u> Body and Behavior	Lesson 1: The basics of the nervous system	PowerPoint Presentations
	Lesson 2: Studying the brain	
<u>Chapter 7:</u> Altered States of Consciousness	Lesson 1: Sleep and Dreams	
	Lesson 3: Drugs and Consciousness	
<u>Chapter 16:</u> Psychological Disorders	Lesson 1: Defining psychological disorders	

points, videos as well as revise all related content: classwork, worksheets, exit tickets and drop quiz.

**Grade 11/12 – ANTHROPOLOGY**

Unit	Chapter(s)	Pages
Unit 2: Biological Anthropology and Archaeology	Chapter 11: The first Farmers	PowerPoint Presentations
	Chapter 12: The Cities and States	
Unit 3: Appreciating Cultural Diversity	Chapter 14: Language and Communication	

Students are requested to refer to their Canvas website, MS Teams, online textbook, presentations, videos, and revise all related content: classwork, worksheets, exit tickets and drop quizzes.

Grade 11/12 – ECONOMICS

Chapter	Lesson	Pages
<u>Chapter 12:</u> Evaluating the Economy	<u>Lesson 1:</u> Measuring the Nation's Output and Income	Online Resource - Understanding Economics E-book
<u>Chapter 14:</u> Taxes and Government Spending	<u>Lesson 1:</u> Taxes	
	<u>Lesson 2:</u> Federal Government Finances	
<u>Chapter 17:</u> Resources for Global Trade	<u>Lesson 1:</u> Absolute and Comparative Advantage	
	<u>Lesson 2:</u> Barriers to International Trade	

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

Grade 11/12 – INTERNATIONAL RELATIONS

Chapter	Lesson	Pages
Part Three: Global Issues	Chapter 14: International Security	114 & 115
	Chapter 16: Migration	130 to 131 & 133
	Chapter 19: Environment and Climate	Powerpoint Presentation

Note:

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

**Grade 11/12 – ACCOUNTING**

Chapter	Lesson	Pages
Chapter 1: Introduction to Accounting and Business	Section: Nature of Business and Accounting	Online Resource- Accounting E-book
	Section: Generally Accepted Accounting Principles (GAAP)	
	Section: Financial Statements	
Chapter 2: Analyzing Transactions	Section: Using Accounts to Record Transactions	
	Section: Double-Entry Accounting System	
	Section: Posting Journal Entries to Accounts	

Note: All subsections of the above-mentioned sections are included. Revise from the provided PPTs, all the notes written in your notebook, work done on Teams, Canvas, and the online textbook.

Grade 11/12 – MARKETING ESSENTIALS

Chapter	Lesson	Pages
Chapter 2: Socially Responsible Marketing	Section 2.1 Impact of Marketing	37 to 55
	Section 2.2 Criticisms of Marketing	
	Section 2.3 Marketing and Social Responsibility	
Chapter 3: The Economic Basis for Marketing	Section 3.1 Scarcity and Private Enterprise	62 to 73
	Section 3.2 The Law of Supply and Demand	

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

Grade 11/12 – ROBOTICS

From **TechnoArduino on Canvas:**

(Theoretical and Practical)

- **Session 4: Design digital systems using Arduino (A13, A15, A16)**

E-safety

- **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 - ISLAMIC A****التربية الإسلامية**

الصفحات	اسم الدرس	الرقم	المجال
من ص 8 - ص 19	التواصل الاجتماعي سلوك وآداب (سورة النور)	- 1	الوحي الإلهي
من ص 50 - ص 59	الخدمة الوطنية واجب شرعي ومطلب وطني	- 1	الهوية والقضايا المعاصرة
من ص 84 - ص 93	فقه ترتيب الأعمال بحسب مقاصدها	- 1	أحكام الإسلام ومقاصدها
		- 1	السيرة النبوية والشخصيات

Grade 12 - ISLAMIC B

Lesson	Pages	Note
1. Marriage is a Path to Chastity: Surah An-Noor (32 to 34)	10 to 28	All the work done on Teams' workbook, Assignments, Canvas and Textbook
2. Creative Thinking in Islam	30 to 47	
3. Allah is the Light of the Heavens & Earth: 35 to 45	92 to 113	

Grade 12 - ARABIC - A**اللغة العربية**

سيكون الاختبار في نصوص خارجية تطبق عليها النواتج والمهارات المدروسة في الدروس الآتية:			
الصفحات	اسم الدرس	الرقم	الموضوع
33	الحديث الشريف (لله أشد فرحاً)	1	القراءة والنصوص
41	قصيدة (جادك الغيث)	2	
108	الجملة الفعلية: الفعل	1	القواعد
مهارات سابقة	الجملة الاسمية - إن وأخواتها - كان وأخواتها	2	
	الاستعارة	1	البلاغة
	التشبيه	2	
	الكناية	3	
	كتابة قصة قصيرة مع مراعاة عناصرها.	1	الكتابة
	يجب مراعاة المهارات النحوية والبلاغية السابق دراستها.		