### **Grade 11: End of Semester 1 Exams Required Material 2024 – 2025**

# **Grade 11/12 - AMERICAN 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	Unit 2: Lesson 2: The Declaration of Independence     https://www.hmhco.com/content/literature/into_lit/g11/student/epub/ilnl21en_ese_g11u 01_student/#cards11le_13_ese_worldturtleback_rd	
Writing:	Response to Literature: The Declaration of Independence: Argumentative Essay (250 to 300 words)	

### **Platforms for Resources:**

• HMH: https://www.hmhco.com/ui/login

• Canvas: <a href="https://gis-ae.instructure.com/login/canvas">https://gis-ae.instructure.com/login/canvas</a>

#### **Important Note:**

• Refer to the annotations we made in Unit 2: The Declaration of Independence on HMH and any other shared files with the students that are relevant to the topics and skills above.

# **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> <li>Hamlet Act 1,2,3,4,5</li> <li>Skills: <ul> <li>Analyze dramatic plot</li> <li>Analyze soliloquy</li> <li>Analyze conflict</li> <li>Analyze themes in "Hamlet"</li> <li>Use context clues to determine meaning of unknown words.</li> </ul> </li> </ul>	
Writing Skill:	<ul> <li>You will be given an analytical question that reflects your understanding of the selection, "Hamlet". You will be required to use the PEEL method Word Count: 200 to 250</li> </ul>	

### **Platforms for Resources:**

HMH Into Literature: <a href="https://www.hmhco.com/ui/login">https://gis-ae.instructure.com/login/canvas</a>

### **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 <a href="https://gis-ae.instructure.com/login/canvas">https://gis-ae.instructure.com/login/canvas</a>

### **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	<ul> <li>Selection 3: The Individual and Society: Literature of the American Renaissance</li> <li>Poem 1-2: Much Madness is Divinest Sense/They Shut me Up in Prose</li> <li>Literary Analysis: Emily Dickinson Poetic Devices &amp; Theme</li> <li>Genre: Poetry</li> <li>Poem 3: In the Season of Change by Terresa Acosta</li> <li>Vocabulary: <ul> <li>Metaphor</li> <li>Simile</li> <li>Oxymoron</li> <li>Personification</li> <li>Hyperbole</li> <li>Slant Rhyme</li> <li>Dashes</li> </ul> </li> <li>Text Organization</li> <li>Compare and contrast</li> <li>Chronological</li> <li>Sequence</li> <li>Problem and solution</li> <li>Cause and effect</li> <li>Novel "I AM MALALA" Part 1 pages 9 to 47</li> </ul>	
Writing Skill:	You will be composing a <b>compare &amp; contrast</b> essay of 300 to 350 words during the exam. The topic is related to the selections studied. You will be given a prompt and rubric, and you must complete the essay within the time limit of the exam. Studying all class discussions and literary criticisms of the three poems is crucial to answering the written assessment with confidence and efficiency.	

#### **Platforms for Resources:**

• HMH: <a href="https://www.hmhco.com/ui/login">https://www.hmhco.com/ui/login</a>

• Canvas: <a href="https://gis-ae.instructure.com/login/canvas">https://gis-ae.instructure.com/login/canvas</a>

### **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.

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

#### Part I:

Unseen reading passage(s) with comprehension questions that are aligned to the <u>AP standards</u> (For Practice, refer to the assigned reading quizzes on AP Classroom).

#### Part II:

The exam will also feature a free-response question (FRQ) that requires students to write an <u>argumentative essay.</u> In this essay, you will need to take a clear position on a given topic, supporting it with well-reasoned evidence and logical reasoning (Min. 300 words / At Least 5 paragraphs).

\*\*\* IMPORTANT NOTE: Students will need to apply the skills learned in the units specified in the table below to successfully answer the questions in Part I and Part II.

Unit 3:	<ul> <li>3.4 Reasoning and Organization (Reading)</li> <li>3.6 Reasoning and Organization (Writing)</li> <li>Answering MCQ Questions Guide</li> <li>AP Barron's Textbook pages 122 to 124</li> </ul>
Unit 4:	<ul> <li>The Argument Essay PPT</li> <li>4.4 (How to Craft an Effective Thesis Statement)</li> <li>4.5 (Targeting MCQ Questions)</li> <li>4.6 Methods of Development to Advance Arguments</li> </ul>
Unit 5:	<ul> <li>5.1 Reasoning and Organization (Reading)</li> <li>5.2 Reasoning and Organization (Writing)</li> </ul>
Self-Study	<ul> <li>Self-Study sheet "Glossary of Literary and Rhetorical Devices" attached to the Google Classroom under Unit 1.</li> <li>AP Barron's Textbook: pages 77 to 86</li> <li>3.1 Claims and Evidence Reading (Assigned videos on CollegeBoard)</li> <li>3.3 Reasoning and Organization Reading (Assigned videos on CollegeBoard)</li> <li>3.5 Reasoning and Organization Reading (Assigned videos on CollegeBoard)</li> </ul>

#### **Textbook, Resources, and Platforms:**

- 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: <a href="https://gis-ae.instructure.com/login/canvas">https://gis-ae.instructure.com/login/canvas</a>
- Google Classroom: https://classroom.google.com/c/NzEwNDc1NTE0MDE3?cjc=3mtroq4\

#### **Important Note:**

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

### **Grade 11 – MORAL, SOCIAL & CULTURAL STUDIES**

Unit	Lesson	Pages
Unit 1: Peace and Conflict	Lesson 5: What is the role of international organizations in peacekeeping?	87 to 89, 96 to 103
Studies	<b>Lesson 6:</b> What is the Nature of Peace and Non- Violent Traditions?	109 to 119
Unit 3: Markets in the UAE	Lesson 4: The UAE and Emiratisation	275 to 281

• **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.

# **Grades 11&12 - BIOLOGY**

Chapter	Concept	Lesson	Module on canvas	
E. Manakana s	5.1	Cellular membranes are fluid mosaic of lipids and proteins	Charten F. Mandanan	
5: Membrane transport and	5.2	Membrane structure results in selective permeability	Chapter 5: Membrane Transport and Cell	
cell signaling	5.4	Active transport uses energy to move solutes against their gradients	signaling	
	7.1	Catabolic pathways yield energy by oxidizing fuels		
	7.2	Glycolysis harvests chemical energy by oxidizing glucose to pyruvate		
7: Cellular respiration and Fermentation	7.3	After pyruvate is oxidized, the citric acid cycle completes the energy yielding oxidation of organic molecules	Chapter 7: Cellular respiration and Fermentation	
rementation	7.4	During oxidative phosphorylation, chemiosmosis couples electron transport to ATP synthesis		
	7.5	Fermentation and anaerobic respiration enable cells to produce ATP without the use of oxygen		
LAB				
Lab	2.	Observing Different Types of Cells Using the Light Microscope		
	3.	Enzyme activity	Science Lab	
Scientific Method	1.	Scientific Method worksheet		
Make sure you study the scientific method + notes + worksheets + answer keys + power points in				

Make sure you study the scientific method + notes + worksheets + answer keys + power points in Canvas.

# Grade 11/12 – AP BIOLOGY

Chapter	Topic	AP Classroom
	5.1: Meiosis	
	5.2: Meiosis and Genetic Diversity	
Unit 5	5.3: Mendelian Genetics	Unit 5
	5.4: Non-Mendelian Genetics	Topics 1 to 6
	5.5: Environmental Effects on Phenotype	
	5.6: Chromosomal Inheritance	
	2.2: Cell Structure and Function	
	2.4: Plasma Membranes	
	2.5: Membrane Permeability	
Self-Study Unit 1	2.6: Membrane Transport	Unit 2 Topics 2, 4 to 9
VIII. 2	2.7: Facilitated Diffusion	1001032, 1 00 3
	2.8: Tonicity and Osmoregulation	
	2.9: Mechanisms of Transport	
Resources	AP Classroom Unit 5 Topics 1 to 6 & Unit 2 Topics 2, 4 to 9 PowerPoint Presentations on Canvas Unit 5 Module Notebook notes, Self-study sheets on canvas, and classkick assignments.	
Worksheets	/orksheets AP Classroom assignments, Campbell book assignments	
Make sure yo	u study notes + answer Keys + Power Points on Canvas.	

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

Chapter & Lesson	Title	Canvas Modules	
Chapter 3: Two-dimensional motion and vectors	3.3 Projectile motion (only first type)	Chapter3: Two-dimensional motion and vectors	
	6.1 Momentum and impulse	Chapter6: momentum and collision	
Chapter6: Momentum and collision	6.2 Conservation of momentum		
	6.3 Elastic and inelastic collision		
Chapter 7: Fluid Mechanics	7.1 Fluid and buoyant Force	Chapter 7:	
Chapter 7: Fluid Mechanics	7.2 Fluid Pressure	Fluid Mechanics	
Worksheets	All worksheets for lessons (3.3, 6.1, 6.2, 6.3, 7.1, 7.2) in classkick are included. Each lesson above has worksheet in the classkick written by the name of the lesson.		
Make sure to study all uploaded PowerPoints, worksheets, & answer keys.			

# **Grade 11/12 – AP CHEMISTRY**

Chapter	Lesson
	3.1 Intermolecular and inter Practical Forces
	3.2 Properties of Solids
	3.3 Solids, Liquids and Gases
	3.4 Ideal Gas Law
	3.5 Kinetic Molecular Theory
Unit 3	3.6 Deviation from Ideal Gas Law
	3.7 Solutions and Mixtures
	3.8 Representations of Solutions
	3.9 Separation of solutions and Mixtures (Chromatography Lab)
	3.10 Solubility
	3.11 Spectroscopy and Electromagnetic Spectrum
Worksheets	All worksheets are uploaded on Canvas
	Collegeboard Daily Videos
	Power points uploaded on Canvas.
Resources	Khan Academy assigned videos.
	Notebooks notes
	Google Classroom Assignments
Make sure you stud	dy from AP Collegeboard + notes + answer Keys + Power Points in Canvas

# **Grade 11/12 – CHEMISTRY**

Chapter	Lesson	Canvas
Chapter 8: Basic concepts of Chemical bonding	Lesson 8.4: Bond polarity and electronegativity	Module 8: 8.4: Bond polarity and electronegativity
Chapter 3: Chemical reactions and reaction stoichiometry	Lesson 3.1: Balancing chemical equations	g ,
	Lesson 3.3: Percentage composition	Module 3: 3.1, 3.3, 3.4, 3.5
	Lesson 3.4: Avogadro's number, and the Mole	
	Lesson 3.5: Empirical formulas from analyses	
Worksheets	Study all Classkick worksheets with included answers.	
Lab Reports	Titration lab- Measuring lab tools- pH indicators	
Make sure you study scientific methods + notes + answer keys + power points uploaded in Canvas.		

### **Grade 11 – ALGEBRA II**

Chapter/Module	Section Number and Name	Pages
Module 2	Lesson 2.1: Use Square Roots to Solve Quadratic Equations	56 & 57
Solve Quadratic Equations	Lesson 2.2: Operations with Complex Numbers	64 to 66
and Systems	Lesson 2.4: Solve Linear-Quadratic Systems	80 to 82
Module 3	Lesson 3.1: Graph Polynomial Functions	96 to 98
Polynomial Functions	Lesson 3.2: Analyse Graphs of Polynomial Functions	105 to 108
Module 4	Lesson 4.2: Add and Subtract Polynomials	123 & 124
Function Operations and	Lesson 4.3: Multiply Polynomials	130 to 132
Polynomials	Lesson 4.4: Factor Polynomials	138 to 140

• **Note:** All the lessons and pdf files are on Teams. Study from your Algebra 2 notebook, worksheets, assignments, e-book as well as textbook pdf files shared with you on Teams and Canvas site.

### **Grade 11 – PRE- CALCULUS**

Chapter/Module	Section Number and Name	Pages
Chapter 2: Polynomial and Rational Functions  Corequisites	2.1-Quadratic Functions	PPT - Worksheets on Canvas
	2.2- Polynomial Functions of Higher Degree	
	2.3-Dividing Polynomials	
	2.4- The Real Zeros of a Polynomial Function	
	2.5- Complex Zeros: The Fundamental Theorem of Algebra	
	2-6 Rational Functions	
	Corequisites 1-Complex numbers	
	Corequisites 2-Solutions of Quadratic Equations	

- Note: All the lessons and pdf files are on CANVAS,
- Study all the material provided for these lessons on Canvas.
- The book can be used for extra practice, solve the odd numbers as their answer key is at the end of the book.

### **Grade 11/12 - PSYCHOLOGY**

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

#### • Note:

Students are requested to refer to the Canvas website, MS Teams, McGraw Hill online textbook, power points, videos as well as revise all related content: classwork, worksheets, exit tickets, drop quiz and quiz.

## **Grade 11/12 – ANTHROPOLOGY**

Unit	Chapter(s)	Resources
Unit 2:	Chapter 5: Evolution and Genetics	
Biological Anthropology and	Chapter 6: Human Variation and Adaptation	PowerPoint Presentations
Archaeology	Chapter 7: The Primates	

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

### **Grade 11/12 – INTERNATIONAL RELATIONS**

Chapter	Lesson	Pages	
	Chapter 3: Discovery, Conquest and Colonialism	PowerPoint Presentation	
Part One:	Chapter 4: Towards Global International Relations		
History and Theory	Chapter 6: Traditional and Middle Ground Theories	pages 51 & 52	
	Chapter 7: Critical Theories	PowerPoint	
Part Two: Global Structures	Chapter 8: International Organizations	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 – ECONOMICS**

Chapter	Lesson	Resources
Chapter 5: Supply	<ul> <li>1: What Is Supply?</li> <li>The Supply Schedule</li> <li>The Individual Supply Curve</li> <li>The Market Supply Curve</li> <li>Comparing a Change in Quantity Supplied to a Change in Supply</li> <li>Elasticity of Supply</li> </ul>	
	1: How Prices Work  • Prices as Signals  • Advantages of Prices  • Rationing	
Chapter 6: Prices	<ul> <li>2: The Effects of Prices</li> <li>How Prices Adjust</li> <li>Equilibrium—When the Price Is Just Right</li> </ul>	
	<ul> <li>3: Social Goals, Prices, and Market Efficiency</li> <li>Controlling Prices</li> <li>Price Ceilings</li> <li>Price Floors</li> <li>When Markets Talk</li> </ul>	Online Resource- Understanding Economics E-book
Chapter 8: Business Organization	1: Forms of Business Organization 2: Business Growth and Expansion • Growth Through Reinvestment (Compounding) • Growth Through Mergers 3: Conglomerates 4: Multinationals	
Chapter 9: Labor and Wages	1: The Labor Movement  2: Wages and Labor Disputes  • Wage Determination  • Market Theory of Wage Determination  • Theory of Negotiated Wages  • Signaling Theory	

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

### **Grade 11/12 – ENTREPRENEURSHIP**

Chapter	Lesson	Resources
Chapter 6: Assessment of Entrepreneurial Opportunities	<ul> <li>6-4 Developing an Effective Entrepreneurial Team</li> <li>6-5 Why New Ventures Fail</li> <li>6-6 The Traditional Venture Evaluation Processes</li> <li>Profile Analysis Approach</li> <li>Feasibility Criteria Approach</li> <li>Comprehensive Feasibility Approach</li> <li>6-7 The Contemporary Methodologies for Venture Evaluation</li> <li>The Lean Start-Up Methodology</li> </ul>	Online Resource- Entrepreneurship: Theory, Process, Practice
Chapter 9: Legal Challenges for Entrepreneurial Ventures	<ul> <li>9-1 Intellectual Property Protection: Patents</li> <li>9-2 Intellectual Property Protection: Copyrights</li> <li>9-3 Intellectual Property Protection: Trademarks</li> <li>9-3b Trade Secrets</li> <li>9-4 Legal Forms for Entrepreneurial Ventures</li> </ul>	Online Resource- Entrepreneurship: Theory, Process, Practice
Chapter 10: Marketing Challenges for Entrepreneurial Ventures	<ul> <li>10-1 The New Marketing Concept for Entrepreneurs</li> <li>10-2 Marketing Research</li> <li>10-3 Inhibitors to Marketing Research</li> <li>10-4 Social Media Marketing</li> <li>10-5 Entrepreneurial Tactics in Market Research</li> <li>10-6 The Components of Effective Marketing</li> <li>10-6a Marketing Philosophy</li> <li>10-6b Market Segmentation</li> <li>10-6d Channels of Distribution</li> <li>10-8 Pricing Strategies</li> <li>10-8b Product Life Cycle Pricing</li> <li>10-8c Pricing in the Social Media Age</li> </ul>	Online Resource- Entrepreneurship: Theory, Process, Practice

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

### **Grade 11/12 - INTRODUCTION TO BUSINESS**

	Chapter	Resources
Part 4 – Creating Human Resource Advantage	Chapter 10: Managing Human Resources	
	Chapter 11: Customer-Driven Marketing	Refer to
Part 5 – Marketing: Developing Relations	Chapter 12: Dimensions of Marketing Strategy	Online Book
	Chapter 13: Marketing and Social Media	

• **Note**: Revise from the PPTs provided, 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 2: Programming with Arduino
- Session 3: Design with Sensors and Buzzer

**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 11/12 - ETHICAL HACKING**

### From "PDF Available on Canvas"

- Chapter 7: Analyze Vulnerabilities
- Chapter 8: System Hacking
- Chapter 14: Cloud Computing and Internet of Things

**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 11 - ISLAMIC A

الصفحات	اسم الدرس	الرقم	المجال
من ص 66 – ص 75	غزوة الأحزاب) سورة الأحزاب)	- 1	الوحي الإلهي
من ص 86 – ص 93	أدب الحوار	- 1	قيم الإسلام وآدابه
من ص 94 – ص 107	مصادر التشريع الإسلامي	- 1	أحكام الإسلام ومقاصدها

ملاحظة : المراجعة من الكتاب المدرسي + منصة تيمز + منصة كانفاس

#### **Grade 11 – ISLAMIC B**

Lesson	Pages	Note
The Battle of the confederates	86 to 94	Prepare lessons from textbook, PowerPoints
The Etiquette of Dialogue	107 to 114	on canvas and work done in textbook &
Ummu Salameh	180 to 189	workbook.

# <u>Grade 11 – ARABIC A</u>

سيكون الاختبار في نصوص خارجية تطبّق عليها النواتج والمهارات المدروسة في الدّروس الآتية:			سيكون الاختبار في نصوص	
الصفحات	اسم الدرس	الرقم	الموضوع	
67	القصِّة القصيرة: حادثة	1	القراءة والنصوص	
91	السّيرة الذّاتيّة: يوم العيد	2	القراءة والنصوص	
170	اسما الزّمان والمكان	1	ווד ופו	
177	اسم التّفضيل	2	القواعد	
195	التّشبيه التّمثيليّ	1	7:51 11	
200	الكناية	2	البلاغة	
	كتابة قصّة قصيرة مع مراعاة العناصر الأدبيّة للقصة القصيرة.		الكتابة	
يجب مراعاة المهارات النحوية والبلاغية السابق دراستها.		ملاحظات		

# **Grade 11 - ARABIC B**

سيكون الاختبار في نصوص من الكتاب أو نصوص خارجيّة تطبّق عليها النواتج والمهارات المدروسة في الدّروس الآتية:			
الصفحات	اسم الدرس	الرقم	الموضوع
All the pages جميع صفحات الدرس	درس التطوع	1	
All the pages جميع صفحات الدرس	درس مواطن عالمي	2	القراءة والنصوص
الدفتر وأوراق العمل	درس الحال	1	101 211
الدفتر وأوراق العمل	درس اسم المفعول	2	القواعد
المقابلة العمل		1	7:51 11
الدفتر وأوراق العمل	الجناس	2	البلاغة
معايير كتابة المقال	اكتب مقالة عن دور المواطن العالمي	1	الكتابة
All work done in notebook, ppt. and worksheets included			ملاحظات