

Grade 12

English	
<p>Objectives:</p> <ul style="list-style-type: none"> • TOEFL/IELTS reading skills • Comprehend the key events in the story plot • Make inferences • Identify universal theme • Draw conclusions based on events • Identify and evaluate Old English poetry • Identify elements of a Medieval romance in a text • Recognize the Medieval chivalry code among the knights citing evidence from the text • Provide synonyms and antonyms for the vocabulary words • Use the words according to context • Use the words correctly in writing • Generate a coherent piece of writing using the words given • Identify and correct mistakes in usage of verb tenses • Report someone else's speech • Identify clauses and the roles they play in sentences 	<p>Literature: The Epic Tradition, Holt McDougal, pp.38 - 39 <i>Beowulf</i>, Holt McDougal Literature, pp. 40 – 71 + handouts <i>from Sir Gawain and the Green Knight</i>, Holt McDougal Literature, pp.228 - 245</p> <p>Vocabulary: Units 3 & 4, Sadlier, Vocabulary Workshop, pp. 32 - 59</p> <p>Grammar: Verb Tenses (handouts) Reported Speech (handouts) Clauses, Grammar for Writing, pp. 175 – 194 + handouts</p> <p>Unseen Passage: TOEFL/IELTS - reading section (handouts)</p> <p>Writing: College entrance essay Memo</p>
Arabic	اللغة العربية
<p>ثانيا : كتاب التطبيقات النحوية الجملة الاسمية ومكملاتها : 93/9 1- الجملة الاسمية 2- كان وأخواتها 3- أفعال المقاربة والشرع والرجاء 4- لا النافية للجنس 5- ظن وأخواتها ثالثا : النصوص القصصية 1- نظرة خارج النافذة 20 / 17 رابعا: النصوص الشعرية 1- على قدر أهل العزم ص 18 2- جادك الغيث ص 75/73</p>	<p>أولا : كتاب التطبيقات اللغوية 1- الله ولي الذين آمنوا 25/22 2- على قدر أهل العزم 47/43 3- جادك الغيث (الموشحات) لسان الدين الخطيب 57/52 4- نظرة خارج النافذة 94/88 5- التعبير الكتابي (كتابة نص تأملي + كتابة مقال خارجي)</p>
Economics 1	Micro Economics
Economics, chapters : 1-2-3-4 + Workbook	Microeconomics, chapters: 2-3-4-5 +study guide
Accounting 2	Business 2
Accounting 2, chapters : 14- 15-16-17+ Work book	Business 2, chapters: 14,15,16,17. + Work book

Special Arabic		اللغة العربية لغير الناطقين	
Siham - Mohammed Gasin			
<p>الكتاب البنفسجي رقم 4</p> <p>الدرس الحادي عشر : حذيفة والهدد (90 - 97) + كتاب التدريبات (46 - 49)</p> <p>الدرس الثاني عشر : جار جديد (98 - 105) + كتاب التدريبات (50 - 53)</p> <p>الدرس الثالث عشر : مباراة في الذكاء (106 - 113) + كتاب التدريبات (54 - 57)</p> <p>+ دفتر الصف + أوراق العمل</p>			
Hyunseo - Curnick			
<p>الكتاب البرتقالي رقم 2</p> <p>الدرس الأول : في البيت (2 - 7) + كتاب التدريبات (3 - 5) + دفتر</p> <p>الدرس الثاني : في المقصف (8 - 13) + كتاب التدريبات (6 - 8)</p> <p>الدرس الثالث : في الفصل (14 - 19) + كتاب التدريبات (9 - 11)</p> <p>الدرس الرابع : تعالوا نلعب (20 - 25) + كتاب التدريبات (12 - 14)</p>			
Elean – Gorge – Mahmoud – Sara - Moazam			
<p>كتاب الطالب رقم (6):</p> <p>النصوص: - جحا والثروة (112-115) + رحلات الفضاء (120-123) + قصة صاحب البستانين (130-133)</p> <p>القواعد: - الجملة الاسمية والفعلية (6-7) + الاسم والفعل والحرف (14-15) + أنواع الفعل + المبتدأ والخبر (30-31) + كان وأخواتها (38-39).</p> <p>كتاب التدريبات رقم (6):</p> <p>الحلقة الأولى من قصة رحلة إلى أعماق البحر (2-5)</p>			
AP CS		التربية الإسلامية	
<p>Chapter 5: Introduction to defining classes Lessons: 1, 2, 3, 4 & 5.</p> <p>Chapter 6: Control Statements Continued Lessons: 1, 2, 3, 4, 5 & 6.</p> <p>Barron's Chapter 2: Classes and Objects.</p> <p>Barron's Chapter 3: Inheritance and Polymorphism.</p> <p>Barron's Chapter 4: Some Standard Classes.</p>		<p>تلاوة سورة مريم : من " 1 إلى 21 "</p> <p>وقاية المجتمع من الجرائم الأخلاقية .</p> <p>مناهج المفسرين .</p> <p>التطرف .</p> <p>الرسول – صلى الله عليه وسلم – والحياة الاجتماعية .</p> <p>التواصل الاجتماعي – سلوك وآداب .</p>	
Mathematics: Calculus		English Islamic	
<p>Chapter 9 :</p> <ul style="list-style-type: none"> • 9.1 Limits • 9.2 One Sided Limits and Continuity • 9.3 The Derivative • 9.4 Basic Rules of Differentiation • 9.5 the Product and Quotient Rules, Higher-Order Derivatives • 9.6 The Chain Rule • 9.7 Differentiation of Exponential and Logarithmic Functions • 9.8 Marginal Functions in Economics 		<p>Mahmoud Shafie, Moazzam, Mohammed Gasin, Sarah, Siham</p> <p>Learning Islam 6</p> <p>Unit A pages A2-A19, A26-A67</p> <p>Ch1: Allah Controls the World.</p> <p>Ch2: Only Allah Gives Life and Death.</p> <p>Ch4: The Prophet of Patience and Thankfulness.</p> <p>Ch5: Patience and Perseverance.</p> <p>Ch6: Patience and Perseverance in Daily Life.</p> <p>Ch7: Surat-ul-Qiyamah L1, 2, 3.</p>	
AP Physics C		AP Chemistry	
<p>- Be prepared for a full AP Physics C: Electricity and Magnetism Test</p>		<p>Zumdahl 9th Edition Textbook</p> <p>Chapters: 1, 2, 3, 4, 5, 6, 7, 8, 9 and 17</p>	

AP Biology	French A
<p>Textbook: Campbell Biology (A Global Approach)</p> <p>Chapter 14: Mendelian Genetics (concepts: 14.1 ----14.4)</p> <p>Chapter 15: Linkage and Chromosomes (concepts: 15.1 -----15.5)</p> <p>Chapter 16: Nucleic Acids and Inheritance (concepts: 16.1---16.3)</p> <p>Chapter 17: Expression of Genes (concepts: 17.1---17.5)</p> <p>Chapter 18: Control of Gene Expression (concepts: 18.1----18.4)</p> <p>Chapter 19: DNA Technology (concepts: 19.1 and 19.2)</p> <p>Chapter 20: The evolution of Genomes (concepts: 20.2 and 20.5)</p> <p>Chapter 26: Introduction to viruses (concepts: 26.1 and 26.2)</p> <p>Chapter 27: Prokaryotes (concepts: 27.1 and 27.2)</p>	<ul style="list-style-type: none"> ➤ Adosphere 2 (livre) : p.14-15, p.18-19 (cahier d'activités) p.8 ➤ Grammaire : <ul style="list-style-type: none"> - verbes (être – avoir – s'appeler) (cahier + fiche de travail) - l'accord des adjectifs de nationalité au féminin et au pluriel (cahier) - les mots interrogatifs (fiche de travail) - l'accord des adjectifs de caractère au féminin et au pluriel (livre p.19) - les adverbes de fréquence (livre p.19) - les indicateurs de lieu (livre p.27) (fiche de travail) ➤ Vocabulaire : tout le lexique dans le cahier ➤ Fiches- pratique 1-2-3-4-5-6-7 ➤ Test et quiz 1-2 ➤ Production d'écrits : accepter/ refuser une invitation
Physics 3	Computer 12
<p>1. Chapter 8 Fluid Mechanics Section 8.1 Fluids and Buoyant Force Section 8.2 Fluid Pressure Section 8.3 Fluids in Motion</p> <p>2. Chapter 9 Section 9.1 Temperature and Thermal Equilibrium Section 9.2 Defining heat Section 9.3 Changes in Temperature and Phase</p> <p>3. Chapter 10 Section 10.1 Relationships Between Heat and Work Section 10.2 The First Law of Thermodynamics Section 10.3 The Second Law of Thermodynamics</p>	<p>Chapter 1: Arduino Cram Session (page 5 – 26) Chapter 2: Breadboarding (page 27 – 35) Chapter 3: How to Solder (page 53 – 71) Chapter 5: Programming Arduino (page 118 – 140)</p> <p>Notes: 1) Blink Code 2) Servo Motor Code 3) Piezzo Buzzer Code 4) Resistor Color Code 5) Light Sensor Code 6) Ultrasonic Sensor 7) LCD Screen 8) Temperature Sensor 9) Wi-Fi</p>
Biology 4	Java
<p>Textbook: Human Biology Chapter 5: The Skeletal System <u>Sections:</u> 5.1 till 5.6 Chapter 6: The Muscular System <u>Sections:</u> 6.1 till 6.8</p>	<p><u>Chapter 1:</u> Background Lessons: 1, 2, 3, 4, 5 & 6. <u>Chapter 2:</u> First java programs Lessons: 1, 2, 3, 4, 5 & 6. <u>Chapter 3:</u> Syntax Errors and Debugging Lessons: 1, 2 &5</p>



Physics 4	Psychology
<p>Chapter 2 Section 2.1 Interactions and Forces Section 2.3 Vector Addition Using Components Section 2.4 Inertia and Equilibrium: Newton’s Second Law of Motion Section 2.5 Interaction Pairs: Newton’s Third Law of Motion Section 2.6 Gravitational Force Section 2.7 Contact Force Section 2.8 Tension</p> <p>Chapter 3 Section 3.1 Position and Displacement Section 3.2 Velocity Section 3.3 Acceleration and Newton’s Second Law Section 3.4 Applying Newton’s Laws</p> <p>Chapter 4 Section 4.1 Motion Along a Line when the Net Force is Constant Section 4.2 Kinetic Equations for Motion Along A Line with Constant Acceleration Section 4.3 Applying Newton’s Laws with Constant – Acceleration Kinematics Section 4.4 Free Fall Section 4.5 Projectile Motion</p> <p>Chapter 5 Section 5.1 Description of Uniform Circular Motion Section 5.2 Radial Acceleration Section 5.2 Radial Acceleration Section 5.4 Circular Orbits of Satellites Planets Section 5.6 Angular Acceleration</p>	<p>Objectives:</p> <ul style="list-style-type: none"> • Identify all states of consciousness • Understand and recognize different ways of learning • Understand memory along with its process and stages • Recognize forgetting and memory improvement <p>Resources: <i>Psychology Principles in Practice, Holt McDougal, and worksheets, in class.</i></p> <p>Review the following units and chapters:</p> <p>UNIT 2-Body and Mind Chapter 5- Consciousness Section 1 The study of Consciousness 127-131 Section 2 Sleeps and Dreams 132-137</p> <p>UNIT 3- Learning and Cognition Chapter 6- Learning Section 1 Classical Conditioning 158-162 Section 2 Operant Conditioning 164-171 Section 3 Cognitive factors in Learning 172-176 Section 4 The PQ4R Method: Learning to Learn 178-181</p> <p>Chapter 7- Memory Section 1 Memory Classifications and Processes 188-194 Section 2 Three Stages of Memory 196-200 Section 3 Forgetting and Memory Improvement 201-207</p>
Mathematics AP Calculus	Chemistry 4
<p>Chapter 2: Limits Chapter 3: Differentiation Chapter 4: Applications of the Derivative Chapter 5: The Integral</p>	<p>Zumdahl Second Edition Textbook: An Atoms First Approach</p> <p>Chapter 11: Chemical Kinetics</p> <ul style="list-style-type: none"> • All sections <p>Chapter 12: Chemical Equilibrium</p> <ul style="list-style-type: none"> • All sections



Ethics	AP Geography
<p><u>Content</u> Chapter 16: Adolescence and Adulthood (BOTH sections) Chapter 17: Marriage, Parenthood, and Families (all 3 sections)</p> <p><u>Skills</u></p> <ul style="list-style-type: none"> • reading and writing • listing and matching • defining and identifying • comparing and contrasting • evaluating and interpreting situations (decision-making skills) • drawing conclusions • creating mind maps 	<p>Chapter 1-8 from Pearson: The Cultural Landscape</p> <ul style="list-style-type: none"> • Chapter 1: Basic Concepts 1-42 • Chapter 2: Population and Health 43-78 • Chapter 3: Migration 79-111 • Chapter 4: Folk and Popular Culture 112-147 • Chapter 5: Languages 148-189 • Chapter 6: Religions 190-234 • Chapter 7: Ethnicities 234-313
Geography 1	History 1
<p>Unit 1- Chapter 1-4 from Holt McDougal: Geography And supplementary notes</p> <p>Chapter 1: Looking at the Earth 5-24</p> <ul style="list-style-type: none"> • 5 Themes of Geography • Scale and absolute location • Map Projections <p>Chapter 2: A Living Planet 27-46</p> <ul style="list-style-type: none"> • Earth's position in space • Structure of the Earth • Continental drift and plate tectonics • The rock cycle • Rock types and properties • Plate movement • Earthquakes and Volcanoes • Weathering and Erosion <p>Chapter 3: Climate and Vegetation 49-58</p> <ul style="list-style-type: none"> • Seasons • Precipitation • Factors influencing weather and climate • Hurricanes • El Nino • Climate change 	<p>Resources: <i>World History, McDougal Littell & summary worksheets</i></p> <p><u>Review the following units and chapters:</u></p> <p>Unit 1: Beginning of Civilization Chapter 1 The peopling of the World Pages 2-25 Lesson 1 Human Origins in Africa Lesson 2 Humans Try to Control Nature Lesson 3 Civilization Case Study: Ur in Sumer</p> <p>Chapter 2 Early River Valley Civilizations Pages 26-57 Lesson 4 City-States in Mesopotamia Lesson 5 Pyramids on the Nile Lesson 6 Planned Cities on the Indus Lesson 7 River Dynasties in China</p> <p>Chapter 3 People and Ideas on the Move Pages 58-85 Lesson 8 The Indo-Europeans Lesson 9 Seafaring Traders</p> <p>Chapter 4 First Age of Empires Pages 86-112 Lesson 10 The Egyptian and Nubian Empires Lesson 11 The Assyrian Empire Lesson 12 The Persian Empire Lesson 13 The Unification of China</p>

AP History	
<p>Resources: <i>Traditions & Encounters</i> by Bentley, <i>Mc GrawHill</i>, & <i>summary worksheets</i></p> <p>Review the following periods and chapters:</p> <p>Period 1: Technological and Environmental Transformation – c 8000 B.C.E to 600 B.C.E <u>Pages 4-149</u> Chapter 1 Before History Chapter 2 Early Societies in Southwest Asia and the Indo-European Migrations Chapter 3 Early African Societies and the Bantu Migrations Chapter 4 Early Societies in South Asia Chapter 5 Early Society in Mainland East Asia Chapter 6 Early Societies in the Americas and Oceania Chapter 7 The Empires of Persia</p>	<p>Period 2: Organization and Reorganization of Human Societies – c. 600 B.C.E. to c. 600 C.E. <u>Pages 152-259</u> Chapter 8 The Unification of China Chapter 9 State, Society, and the Quest for Salvation in India Chapter 10 Mediterranean Society: The Greek Phase Chapter 11 Mediterranean Society: The Roman Phase Chapter 12 Cross-Cultural Exchanges on the Silk Roads: During the Late Classical Era</p> <p>Period 3: Regional and Interregional Interactions c. 600 C.E. to 1450 C.E. <u>Pages 264-304</u> Chapter 13 The Resurgence of Empire in East Asia Chapter 14 The Expansive Realm of Islam</p>
Computer	AP Physics 1
<p><u>Grade 10 (HTML)</u> <u>Session 1:</u> Introduction to HTML. <u>Session 2:</u> How to Write HTML tags. <u>Session 3:</u> Typography in HTML. <u>Session 4:</u> Writing HTML Codes (until page 51) Note: Pages 44, 45, 46 and 48 are not included.</p>	<p>Chapter 1: Kinematics in One Dimension Chapter 2: Newtonian Mechanics Chapter 3: Applying Newton’s Law Chapter 4: Circular Motion Chapter 5 : Impulse and Linear Momentum Chapter 14 Electric charge Force and Energy Chapter 16: DC Circuits</p>
Computer11 (<i>Access 2013</i>)	French DELF B2.2
<p><u>Chapter 1:</u> Lessons: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11 & 12 <u>Chapter 2:</u> Lessons: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13 & 14. <u>Chapter 3:</u> Lessons: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13 & 14. <u>Chapter 4:</u> Lessons: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11 & 12.</p>	<ul style="list-style-type: none"> ➤ Alter Ego 4 (livre) : -p. 44-45, 62-63 <div style="text-align: right;">(cahier d’activités) : -p.18-19, 29-30, 39-40</div> ➤ Grammaire : Le présent, le passé composé, l'imparfait, le subjonctif, le conditionnel, les pronoms relatifs, la cause, la conséquence, le but, la pronominalisation (cahier) ➤ Production d’écrits : Rédiger une lettre de motivation, une lettre de réclamation d’un objet, un essai. (les sujets de production dans le cahier). ➤ Toutes les pratiques. <p>Toutes les évaluations.</p>