المادة الدراسية للاختبارات STUDY LIST

الصف الحادي عشر GRADE 11	اختبارات نهاية الفصل الأول 2026 2027 End of Term 1 Exams 2026 2027

المادة Subject	الوحدات/الدروس Lessons /Units	الصفحات في الكتاب Pages in the book
الرياضيات MATH	Chapter 2 2-1 Power and Radical Functions 2-2 Polynomial Functions 2-3 The Remainder and Factor Theorems 2-4 Zeros of Polynomial Functions 2-5 Rational Functions 2-6 Nonlinear Inequalities Chapter 3 3-1 Exponential Functions 3-2 Logarithmic Functions 3-3 Properties of Logarithms 3-4 Exponential and Logarithmic Equations	Precalculus BOOK + Aleks + AP classroom
التربية الإسلامية Islamic Studies	التفسير المحافظة على الحقوق سورة النساء شرح وحفظ فضل التفقه في الدين البدعة (أسباب ظهورها وخطورتها) الربا والميسر المكانة الدينية لفلسطين والقدس والمسجد الأقصى	ص 97-107 ص108-119 ص120-131 ص131-141 ص142
Biology	**Unit 1- Chemistry of life** 1.5 Structure and Function of Biological Macromolecules 1.6 Nucleic Acids **Unit 2- Cell Structure and Function** 2.1 Cell Structure: Subcellular Components 2.2 Cell Structure and Function 2.3 Cell Size 2.4 Plasma Membranes 2.5 Membrane Permeability 2.6 Membrane Transport 2.7 Facilitated Diffusion 2.9 Mechanisms of Transport 2.10 Cell Compartmentalization	PowerPoints on LMS, worksheets, AP classroom and Khan academy assignments

PowerPoints on LMS, Workbooks, AP classroom	1.Atomic Structure 2.Electron Configuration 3.Ionic compounds (naming and writing formulas) 4.Moles and Molar Mass 5.Empirical and Molecular Formulae 6.Combustion Analysis 7.Periodic Trends 8.Coulombs Law	**Chemistry**
PowerPoints on LMS, Workbooks, AP classroom, OneDrive Videos	**Topic 4 Newton's Laws of Motion 80** **4.1** Forces 80 **4.2** The Laws of Motion 82 **4.3** The Normal and Kinetic Friction Forces 92 **4.4** Static Friction Forces 96 **4.5** Tension Forces 98 **4.6** Applications of Newton's Laws 100 **4.7** Two-Body Problems 106 **Topic 5 Energy 121** 5.1 Work 121 5.2 Kinetic Energy and the Work–Energy Theorem 126 5.3 Gravitational Potential Energy 129 **5.4** Gravity and Nonconservative Forces 135 5.5 Spring Potential Energy 137 5.6 Systems and Energy Conservation 142 5.7 Power 144 **Topic 7 rotational Motion and Gravitation 190** **7.3** Tangential Acceleration, and Centripetal Acceleration 195 **7.4** Newton's Second Law for Uniform Circular Motion 201	**Physics**

	7.5 Newtonian Gravitation 206	
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PowerPoint on LMS	CS Technology:	**علم الحاسوب**
78–86	Variables and Data Types	**Computer Science**
87–96	Expressions and Output	
97–108	Assignment Statements and Input (Scanner)	
109–115	Casting and Range of Variables	
116–123	Compound Assignment Operators	
129–134	Documentation with Comments	
157–160	Math Class	
184–192	String Manipulation	
209–215	Boolean Expressions	
216–223	If Statements	
224–232	Nested if Statements	
254–261	While Loops	
262–270	For Loops	
PPT on LMS and worksheets	Entrepreneurship	**علم الحاسوب**
	1.1 Defining Entrepreneurship & Its Importance	**Computer Science**
	1.2 Identifying Entrepreneurial Traits & Mindset	**Eng**
	2.1 Generating Ideas & Applying Design Thinking	
	3.1 Conducting Market Research & Feasibility Analysis	
	4.1 Developing Business Models (BMC)	
	5.1 Understanding Industry & Competitor Analysis	

	6.1 Writing a Business Plan" 7.1 Ethics, legal setup, founder agreements 8.1 Financial viability assessments (financial statements analyzing) 9.1 Building & managing the founding team 10.1 Securing Funding 11.1 Marketing & IP Fundamentals 12.1 Growth, Scaling & Franchising	
Pathways 4: Pages 75-98	<u>Unit 4: Rethinking Transport</u> **Reading comprehension** **Vocabulary**: Page 98 (Unit 4) **Language skill:** Writing sentences with initial phrases (Unit 4) – page 91 Appositives (Unit 2) - page 38 & 41 **Writing:** 1. Comparative essay (Unit 4) page 94-95 2. Problem solution essay (Unit 2) page 44-45 **Speaking:** Cue cards (2 minute speech) **Listening:** Monologue Dialogue Video	**اللغة الإنجليزية** **English**