



Home Grade 12 Curriculum

Profile Faculty

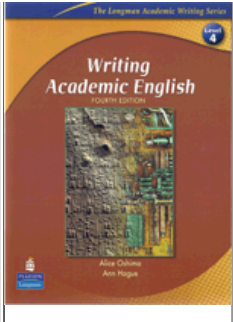
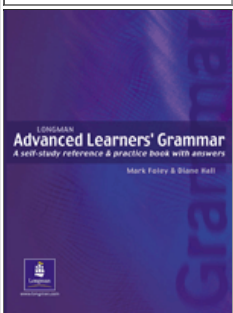
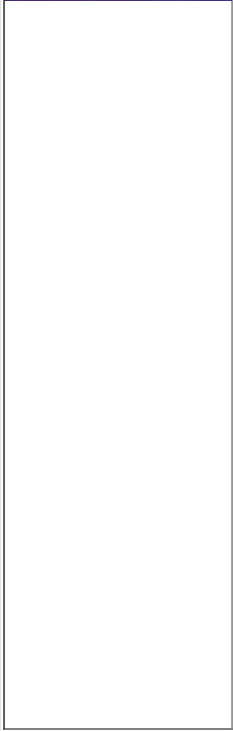
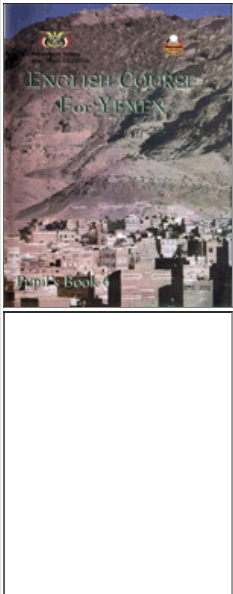
The American School, founded in 1995, follows the typical American curriculum used in most schools in the United States from pre-school to grade twelve. We believe that the environment is enhanced when students are challenged by quality education.

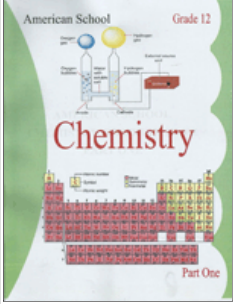
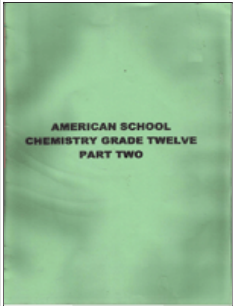
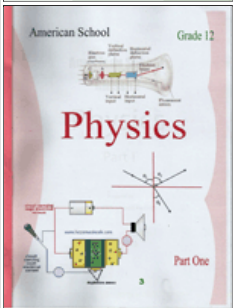
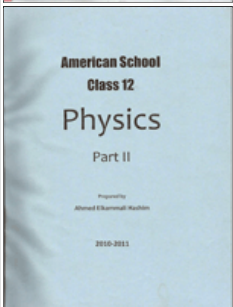
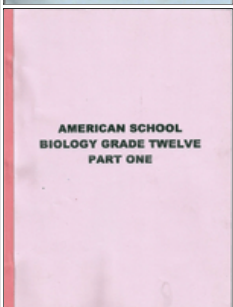
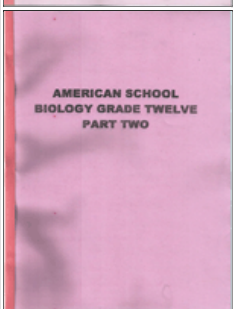
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## Grade 12 Curriculum

	<p><b>Math:</b></p> <ol style="list-style-type: none"> <li>1. DERIVATIVES</li> <li>2. APPLICATIONS OF DERIVATIVES</li> <li>3. INTEGRATION</li> <li>4. APPLICATIONS OF DEFINITE INTEGRALS</li> <li>5. INTEGRATION METHODS</li> <li>6. PLANE ANALYTIC GEOMETRY</li> <li>7. HYPERBOLIC FUNCTIONS</li> <li>8. SEQUENCES AND INFINITE SERIES</li> <li>9. POWER SERIES</li> <li>10. VECTORS</li> <li>11. VECTOR FUNCTIONS AND THEIR DERIVATIVES</li> <li>12. PARTIAL DERIVATIVES</li> </ol>	
<p><b>TOEFL(iBT), IELTS, AND SAT PREPARATION TEXTS:</b></p>		
	<p><b>British Literature:</b></p> <ul style="list-style-type: none"> <li>Unit 1: Early Voices in British Literature</li> <li>Unit 2: Writers of the English Renaissance</li> <li>Unit 3: The Rise of the Romantics</li> <li>Unit 4: Expressions of the Victorian Era</li> <li>Unit 5: The Modern View</li> <li>Unit 6: The Contemporary Perspective</li> </ul>	
	<p><b>Academic Writing:</b></p> <ul style="list-style-type: none"> <li>Part 1: Writing a Paragraph             <ul style="list-style-type: none"> <li>Chapter 1: Paragraph Structure</li> <li>Chapter 2: Unity and Coherence</li> <li>Chapter 3: Supporting Details: Facts, Quotations, and Statistics</li> </ul> </li> <li>Part 2: Writing An Essay             <ul style="list-style-type: none"> <li>Chapter 4: From Paragraph to Essay</li> <li>Chapter 5: Chronological Order: Process Essays</li> </ul> </li> </ul>	

	<p>Chapter 6: Cause / Effect Essays                  Chapter 7: Comparison / Contrast Essays                  Chapter 8: Paraphrase and Summary                  Chapter 9: Argumentative Essays                  Part 3: Sentence Structure                  Chapter 10: Types of Sentences                  Chapter 11: Using Parallel Structures and Fixing Sentence Problems                  Chapter 12: Noun Clauses                  Chapter 13: Adverb Clauses                  Chapter 14: Adjective Clauses                  Chapter 15: Participial Phrases</p>
	<p>Grammar:</p> <ol style="list-style-type: none"> <li>1. Present tenses</li> <li>2. Past tenses</li> <li>3. Past to present tenses</li> <li>4. The future</li> <li>5. The future</li> <li>6. Negation</li> <li>7. Questions</li> <li>8. Passives, causatives and get</li> <li>9. Reported speech</li> <li>10. Conditionals</li> <li>11. The subjunctive and ( unreal ) uses of past forms</li> <li>12. -ing forms and infinitives</li> <li>13. Participle and infinitive phrases</li> <li>14. Multi-word verbs</li> <li>15. Dependent prepositions</li> <li>16. Modal verbs : can, could, may, might, be able to</li> <li>17. Modal verbs : must, should, ought to, have to, need to</li> <li>18. Modal verbs : will, would, shall</li> <li>19. Auxiliaries, have ( got ), do</li> <li>20. Confusing verbs</li> <li>21. Adjectives</li> <li>22. Comparison</li> <li>23. Gradable and ungradable adjectives</li> <li>24. Adverbs</li> <li>25. Nouns and noun phrases</li> <li>26. Possessives and compound nouns</li> <li>27. Pronouns</li> <li>28. Determiners</li> <li>29. Prepositions</li> <li>30. Word order and patterns</li> <li>31. Relative clauses</li> <li>32. Contrast</li> <li>33. Introductory there and it</li> <li>34. Emphatic structures and inversion</li> <li>35. Aspects of cohesion</li> <li>36. Features of discourse</li> </ol>
	<p>English: Textbook from the Ministry of Education</p> <p>Unit 1: Describing Things                  Unit 2: Reporting Events                  Unit 3: Looking for a Job                  Unit 4: Tables, Flow Charts and Diagrams                  Unit 5: Working Things out                  Unit 6: Looking Back</p>
	<p>Chemistry Part1:</p> <p>Chapter One: The Transition Elements                  Chapter Two: Thermochemistry                  Chapter Three: Electrical Energy, Oxidation and Reduction                  Chapter Four: Nuclear Reactions and Energy</p>

	
	<p><b>Chemistry Part2:</b>  <b>Chapter Five: Organic Nitrogen Compounds</b>  <b>Chapter Six: Biochemistry</b>  <b>Chapter Seven: Black Gold</b>  <b>Chapter Eight: Chemical Industries</b>  <b>Chapter Nine: Chemistry and Environment</b></p>
	<p><b>Physics Part1:</b>  <b>Chapter 1: Background: Dynamics</b>  <b>Chapter 2: Momentum &amp; Projectiles</b>  <b>Chapter 3: Alternating Current</b>  <b>Chapter 4: Electronics</b>  <b>Chapter 5: Electronic Devices</b></p>
	<p><b>Physics Part2:</b>  <b>Chapter 6: Atomic Physics</b>  <b>Chapter 7: Matter &amp; Radiation</b>  <b>Chapter 8: Nuclear Physics</b>  <b>Chapter 9: Solar Energy</b>  <b>Chapter 10: The Universe</b></p>
	<p><b>Biology Part1:</b>  <b>Chapter 1: The Nervous System</b>  <b>Chapter 2: Hormonal Regulation</b>  <b>Chapter 3: Reproduction</b>  <b>Chapter 4: Principles of Genetics</b></p>
	<p><b>Biology Part2:</b>  <b>Chapter 5: Molecular Genetics</b>  <b>Chapter 6: Biotechnology</b>  <b>Chapter 7: Environment and its Problems</b>  <b>Chapter 8: History of the Earth</b></p>

**Arabic Books from the Ministry of Education**

