



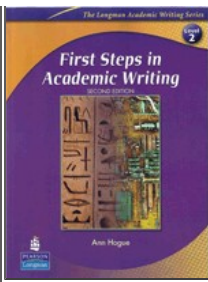
Grade 9 Curriculum

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.

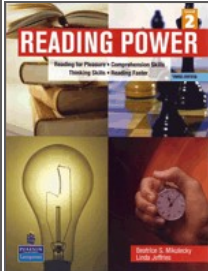
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	<p>Math:</p> <p>Unit One: Sets and Relations</p> <ol style="list-style-type: none"> 1. WRITING THE SET BY USING DESCRIPTION METHOD 2. DIFFERENCE OF TWO SETS AND COMPLEMENTARY SETS 3. THE TRANSITIVE RELATION 4. THE EQUIVALENT RELATION 5. MAPPING 6. SET OF REAL NUMBERS 7. LINEAR MAPPING 8. GENERAL EXERCISES AND PROBLEMS <p>Unit Two: Factorization of Algebraic Expressions</p> <ol style="list-style-type: none"> 10. REVISION 11. THE TRINOMIAL EXPRESSION 12. FACTORIZATION BY COMPLETING THE SQUARE 13. SUM AND DIFFERENCE OF TWO CUBES 14. FACTORIZATION BY GROUPING 15. MULTIPLICATION AND DIVISION OF ALGEBRAIC FRACTIONS 16. THE LEAST COMMON MULTIPLE L.C.M 17. ADDITION AND SUBTRACTION OF ALGEBRAIC FRACTIONS 18. EXERCISES AND PROBLEMS 19. UNIT TEST <p>Unit Three: THE EQUATIONS</p> <ol style="list-style-type: none"> 20. LINEAR EQUATIONS WITH TWO VARIABLES 21. SIMULTANEOUS EQUATIONS WITH TWO VARIABLES 22. QUADRATIC EQUATIONS WITH ONE VARIABLE 23. APPLIED PROBLEMS 24. GENERAL EXERCISES AND PROBLEMS <p>Unit Four: Trigonometry</p> <ol style="list-style-type: none"> 26. NUMERICAL RELATIONS IN A RIGHT-ANGLED TRIANGLE 27. TRIGONOMETRIC RATIOS FOR ACUTE ANGLES 28. TRIGONOMETRIC RATIOS FOR ANGLES at 30°, 60°, 45° 29. GENERAL EXERCISES AND PROBLEMS
	<p>World Literature:</p> <p>The Unknown Suspense Discoveries Heroes Generations</p>
	<p>Academic Writing:</p> <p>Chapter 1: Introducing People Chapter 2: Listing-Order Paragraphs Chapter 3: Giving Instructions Chapter 4: Describing a Place</p>

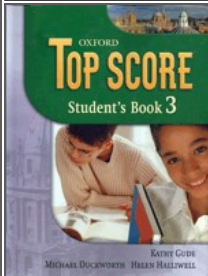
[Registration Form](#)



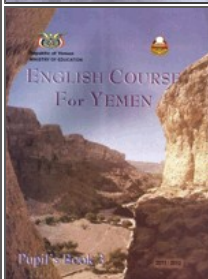
Chapter 5: Stating Reasons and Using Examples
 Chapter 6: Expressing Your Opinion



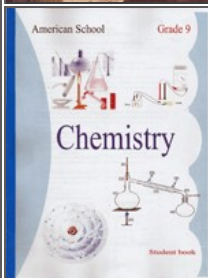
Reading:
Part 1: Reading for Pleasure
Part 2: Comprehension Skills
Unit 1: Previewing and Making Predictions
Unit 2: Scanning
Unit 3: Making Inferences
Unit 4: Building a Powerful Vocabulary
Unit 5: Learning to Look for the Topic
Unit 6: Understanding Paragraphs
Unit 7: Finding the Pattern of Organization
Unit 8: Skimming
Part 3: Thinking Skills
Part 4: Reading Faster
Unit 1: Fiction—The Diamond Family
Unit 2: Biography—Two Popular Authors
Unit 3: Non-fiction—Reading Power Magazines



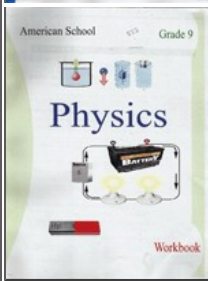
Top Score:
 1. Body and health
 2. Skills and studies
 3. Sports
 4. Communication
 5. One world
 6. Strange but true
 7. Times of change
 8. Achievement
 9. Off to see the world



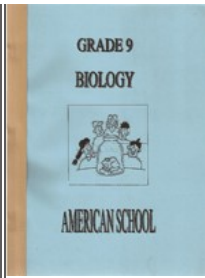
English: Textbook from the Ministry of Education
Unit 1: Revision
Unit 2: Describing; Making Plans
Unit 3: Other Countries
Unit 4: Visiting Japan
Unit 5: Safety
Unit 6: Helping Others
Unit 7: Communications
Unit 8: Winning Medals



Chemistry:
 1. Solutions and Mixtures
 2. Acids and Bases
 3. Oxidation and Reduction
 4. Carbon, Carbon Dioxide, and Oil
 5. Pollution
 6. Halogens



Physics:
Unit 1: Humans and Universe
Unit 2: Magnetism and Electromagnetic Induction
Unit 3: Properties of Solids
Unit 4: Pressure
Unit 5: Solar Energy and its Uses



- Biology:**
- Unit One: Excretion in Living Things**
 - 1-1. Excretion in Protozoa (Amoeba)
 - 1-2. Excretion in Plants
 - 1-3. Excretion in Humans
 - 1-4. Excretion through the Skin
 - Unit Two: Reproduction in Plants and Animals**
 - 2-1. Reproduction in Flowering Plants
 - 2-2. Reproduction in Animals and Humans
 - Unit Three: Reproductive System Diseases**
 - 3-1. Reproductive System Diseases
 - 3-2. Health of Reproductive Systems and Urinary Systems
 - Unit Four: Environmental Resources**
 - 4-1. Methods for Developing Agricultural and Animal Resources
 - 4-2. Some Industries which Depend on Animals and Plants
 - Unit Five: Maternity and Childhood Care**
 - 5-1. Caring for Pregnant Women and Babies
 - 5-2. Breast Feeding and Artificial Feeding
 - 5-3. Family Planning
 - Unit Six: Heredity**
 - 6-1. What is Heredity?
 - 6-2. Marriage between Relatives
 - 6-3. Inherited Mutations
 - 6-4. Inherited Diseases

Arabic Books from the Ministry of Education

