

AIMS Science

Grade 8 Test Blueprint

Strand/Concept	% of Test
Strand 1: Inquiry Process	34.5%
Concept 1: Observations, Questions, and Hypotheses	10.3%
Concept 2: Scientific Testing (Investigating and Modeling)	6.9%
Concept 3: Analysis and Conclusions	10.3%
Concept 4: Communications	6.9%
Strand 2: History and Nature of Science	10.3%
Concept 1: History of Science as a Human Endeavor	10.3%
Concept 2: Nature of Scientific Knowledge	10.3%
Strand 3: Science in Personal and Social Perspectives	10.3%
Concept 1: Changes in Environments	10.3%
Concept 2: Science and Technology in Society	10.3%
Strand 4: Life Science	13.8%
Concept 2: Reproduction and Heredity	13.8%
Concept 4: Diversity, Adaptations, and Behavior	13.8%
Strand 5: Physical Science	31.0%
Concept 1: Properties and Changes of Properties in Matter	17.2%
Concept 2: Motion and Forces	13.8%

According to the Science Standard, the following Strands and Concepts do not have Performance Objectives for Grade 8: **Strand 4: Life Science, Concept 1** (Structure and Function in Living Organisms) and **Concept 3** (Populations of Organisms in an Ecosystem); **Strand 5: Physical Science, Concept 3** (Transfer of Energy).