

**AIMS Science
Grade 4 Test Blueprint**

Strand	Concept	Number of POs	Number of testable POs	Number of Test Items	Percentage of Test
Strand 1: Scientific Inquiry	Concept 1: Observations, Questions, and Hypotheses	4	3	6	33.3%
	Concept 2: Scientific Testing (Investigating and Modeling)	5	3	6	
	Concept 3: Analysis and Conclusions	5	5	6	
	Concept 4: Communication	3	1		
Strand 2: History and Nature of Science	Concept 1: History of Science as a Human Endeavor	2	1	6	11.1%
	Concept 2: Nature of Scientific Knowledge	3	2		
Strand 3: Science in Personal and Social Perspectives	Concept 1: Changes in Environments	2	2	6	11.1%
	Concept 2: Science and Technology in Society	3	2		
Strand 4: Life Science	Concept 1: Characteristics Of Organisms	2	2	6	11.1%
	Concept 2: Life Cycles	0	0		
	Concept 3: Organisms and Environments	4	4		
	Concept 4 : Diversity, Adaptation, and Behavior	2	2		
Strand 5: Physical Science	Concept 1: Properties of Objects and Materials	0	0	6	11.1%
	Concept 2: Position and Motion of Objects	0	0		
	Concept 3: Energy and Magnetism	5	5		
Strand 6: Earth and Space Science	Concept 1: Properties of Earth Materials	0	0	0	22.2%
	Concept 2: Earth's Processes and Systems	6	6	6	
	Concept 3: Changes in the Earth and Sky	6	6	6	
Total Concepts = 18 Testable Concepts = 14		52	44	54	100%

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