



National Evaluation Series™

Test Framework Worksheet

General Science

Test Code
311

Notes:

		Multiple-Choice Questions (approx.)	Test Proportion (approx.)				
CONTENT DOMAIN I—NATURE OF SCIENCE		30	19%				
Competency	0001	Understand principles and procedures of scientific inquiry.					
	0002	Understand the history and nature of science.					
	0003	Understand the relationships between science, technology, engineering, mathematics, and society.					
CONTENT DOMAIN II—PHYSICAL SCIENCE		50	37%				
Competency	0004	Understand the properties and characteristics of matter.					
	0005	Understand chemical bonding, different types of chemical reactions, and stoichiometry.					
	0006	Understand the characteristics of energy transformations in physical and chemical systems.					
	0007	Understand force, motion, and energy.					
	0008	Understand the characteristics and properties of mechanical and electromagnetic waves.					
	0009	Understand electricity and magnetism.					
CONTENT DOMAIN III—LIFE SCIENCE		40	25%				
Competency	0010	Understand the characteristics, organization, and processes of cells.					
	0011	Understand the classification and characteristics of organisms.					
	0012	Understand concepts and principles related to genetics and evolution.					
	0013	Understand characteristics of different biomes, relationships among organisms, and the flow of matter and energy through ecosystems.					
CONTENT DOMAIN IV—EARTH AND SPACE SCIENCE		30	19%				
Competency	0014	Understand physical geology and the history of Earth.					
	0015	Understand characteristics of the hydrosphere, weather, and climate.					
	0016	Understand characteristics of the solar system and universe.					

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