



National Evaluation Series™

Test Framework Worksheet

Earth and Space Science

Test Code
307

Notes:

		Multiple-Choice Questions (approx.)	Test Proportion (approx.)				
CONTENT DOMAIN I—NATURE OF SCIENCE		27	18%				
Competency	0001	Understand principles and processes of scientific inquiry.					
	0002	Understand the history and nature of science.					
	0003	Understand the relationships between science, technology, engineering, and mathematics.					
CONTENT DOMAIN II—GEOLOGY		37	25%				
Competency	0004	Understand historical geology.					
	0005	Understand plate tectonics and the rock cycle.					
	0006	Understand Earth materials, geologic resources, and Earth's internal structure.					
	0007	Understand the processes of weathering, erosion, and deposition.					
CONTENT DOMAIN III—OCEANOGRAPHY AND FRESHWATER SYSTEMS		28	19%				
Competency	0008	Understand the hydrologic cycle and its interaction with other Earth systems.					
	0009	Understand the composition, structure, and properties of oceans.					
	0010	Understand the characteristics and properties of freshwater systems.					
CONTENT DOMAIN IV—THE ATMOSPHERE, WEATHER, AND CLIMATE		29	19%				
Competency	0011	Understand the structure and properties of the atmosphere.					
	0012	Understand the characteristics of weather systems and the circumstances under which various weather conditions develop.					
	0013	Understand Earth's climate systems and the factors that influence climate.					
CONTENT DOMAIN V—ASTRONOMY		29	19%				
Competency	0014	Understand the characteristics of stars, galaxies, and the universe.					
	0015	Understand characteristics and components of the solar system.					
	0016	Understand the sun-moon-Earth system and the apparent motions of stars and planets.					