



# National Evaluation Series™

## Test Framework Worksheet

### Middle Grades General Science

Test Code  
204

Notes:

		Multiple-Choice Questions (approx.)	Test Proportion (approx.)				
		<b>CONTENT DOMAIN I—NATURE OF SCIENCE</b>		<b>29</b>	<b>19%</b>		
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.					
		<b>CONTENT DOMAIN II—PHYSICAL SCIENCE</b>		<b>45</b>	<b>31%</b>		
Competency	0004	Understand the properties and characteristics of matter.					
	0005	Understand physical and chemical changes in matter.					
	0006	Understand the characteristics and transformations of different forms of energy.					
	0007	Understand relationships between force, mass, and motion.					
	0008	Understand characteristics and properties of mechanical and electromagnetic waves.					
		<b>CONTENT DOMAIN III—LIFE SCIENCE</b>		<b>38</b>	<b>25%</b>		
Competency	0009	Understand the characteristics, organization, and processes of cells.					
	0010	Understand characteristics and life processes of living organisms.					
	0011	Understand the concepts and principles related to genetics, the theory of evolution, and the classification of organisms.					
	0012	Understand characteristics of different biomes, relationships between organisms, population dynamics, and the flow of matter and energy through ecosystems.					
		<b>CONTENT DOMAIN IV—EARTH AND SPACE SCIENCE</b>		<b>38</b>	<b>25%</b>		
Competency	0013	Understand the history of Earth, characteristics of Earth materials and resources, and the geologic processes that shape Earth.					
	0014	Understand characteristics and properties of the hydrosphere.					
	0015	Understand Earth's atmosphere, weather, and climate.					
	0016	Understand characteristics of the solar system and the universe.					