



National Evaluation Series™

Test Framework Worksheet

Physics

Test Code
308

Notes:

		Multiple-Choice Questions (approx.)	Test Proportion (approx.)				
CONTENT DOMAIN I—NATURE OF SCIENCE		21	14%				
Competency	0001	Understand principles and procedures of scientific inquiry.					
	0002	Understand the history of science, its connections with other sciences, and the relationships among science, technology, and society.					
CONTENT DOMAIN II—MECHANICS		42	28%				
Competency	0003	Understand motion in one and two dimensions.					
	0004	Understand forces as interactions and their effects on motion.					
	0005	Understand the conservation of energy and linear momentum.					
	0006	Understand simple harmonic motion and rotational dynamics.					
CONTENT DOMAIN III—ELECTRICITY AND MAGNETISM		33	22%				
Competency	0007	Understand properties of the electric field.					
	0008	Understand properties of the magnetic field and electromagnetic induction.					
	0009	Understand properties of electric circuits.					
CONTENT DOMAIN IV—WAVES		21	14%				
Competency	0010	Understand the fundamental properties of waves.					
	0011	Understand the characteristics of light and electromagnetic radiation.					
CONTENT DOMAIN V—MODERN PHYSICS		33	22%				
Competency	0012	Understand thermal energy and the kinetic theory of matter.					
	0013	Understand fundamental ideas of modern physics.					
	0014	Understand the fundamental principles of nuclear physics.					