






**Georgia Assessments for the
Certification of Educators®**


How to Map the Test Framework to the Curriculum

Mapping the test framework to the curriculum is an activity that helps faculty analyze the alignment of their curricula with the GACE assessments. As a faculty member, you may wish to complete the following steps to aid in your analysis. A sample completed worksheet is provided on page 2.


 Obtain a copy of the test framework worksheet for the GACE assessment that maps to your curriculum content. These worksheets are available from the "Mapping the Test Framework to the Curriculum" page.

 Use the "Notes" area at the top of the page to make annotations relevant to your analysis.

 Review the curriculum of each course that provides instruction to candidates who will take the GACE assessments. Enter each relevant course as a column heading on the worksheet.

 Review each test objective to determine whether the course or courses you are analyzing cover the knowledge and skills identified by each test objective. You may wish to print the complete test framework for the field and use the descriptive statements for each test objective to guide this activity. Test designs and frameworks for all fields can be viewed or downloaded from the GACE Web site by selecting the "Test Designs and Frameworks" page.

If the knowledge and skills tested by an objective are covered by the course, mark the appropriate box. Leave boxes blank to indicate content not covered. See the following page for an illustration of how to complete the worksheet.

 When the worksheet is complete, review how your curriculum covers the knowledge and skills assessed on the selected GACE test to determine if any changes in the curriculum may be needed to better prepare educator candidates for testing.

Enter the relevant courses as column headings and add relevant annotations.

Notes: Honors Science course content currently under review by faculty advisory team.

		Selected-response questions (appr	Constructed-response assignments	Honors Science 25B	Evolutionary Biology 300				
Test I (Test Code 024)	EARTH SCIENCE		30	1					
	0001	Understand current scientific views of the universe.			✓				
	0002	Understand the characteristics and distribution of water and its role in earth processes.							
	0003	Understand characteristics of the atmosphere and climate and weather.							
	0004	Understand characteristics of the earth and processes that have shaped its surface.							
	0005	Understand the earth's natural resources.			✓				
	LIFE SCIENCE		30	1					
	0006	Understand the diversity of living organisms and their classification.				✓			
	0007	Understand the structure and function of living systems.				✓			
	0008	Understand the principles and processes of the inheritance of biological traits.				✓			
0009	Understand the dependence of organisms on one another and understand the flow of energy and matter in ecosystems.				✓				
0010	Understand the theory of evolution and the role of natural selection.			✓	✓				
Test II (Test Code 025)	PHYSICAL SCIENCE		36	1					
	0011	Understand the nature of matter and its classification.							
	0012	Understand changes in matter.							
	0013	Understand principles and concepts related to energy.							
	0014	Understand the relationships among force, mass, and the motion of objects.							
	0015	Understand the properties of waves, sound, and light.							
	0016	Understand electricity and magnetism.							
	CHARACTERISTICS OF SCIENCE		24	1					
	0017	Understand the characteristics of scientific knowledge and the process of scientific inquiry.			✓				
	0018	Understand scientific tools, instruments, materials, and safety practices.			✓				
0019	Understand scientific communication and the skills and procedures for analyzing data.			✓					
0020	Understand the unifying concepts of science and technology.			✓					

Leave boxes blank to indicate content not covered.

Mark boxes to indicate content covered by one or more courses.