



GACE® Special Education General Curriculum/Elementary Education Assessment Test I (003) Curriculum Crosswalk

Required Coursework Numbers

Subarea I. English Language Arts (34%)															
<i>Objective 1: Understands and applies knowledge of reading for literature and reading for information</i>															
A. Knows ways to promote students' comprehension of informational text and literature and integrate knowledge and ideas															
B. Knows how to identify and evaluate common types of texts															
C. Interpret words and phrases as they are used in a text, and analyze and describe how a series of words, phrases, or stanzas provide the overall structure of a text															
<i>Objective 2: Understands and applies knowledge of foundational skills to literacy development, fluency, and comprehension</i>															
A. Understands key ideas relevant to the foundations of literacy and reading development and the stages of early orthographic development															
B. Understands the role of phonological awareness, phonics, and word recognition skills in literacy development															
C. Understands the role of fluency in supporting comprehension															

Required Coursework Numbers

<i>Objective 3: Understands and applies knowledge of the writing process and uses of tools and resource materials</i>																			
A. Knows how to help students produce clear and coherent writing using the stages of the writing process to compose opinion pieces, informative, explanatory, persuasive, and narrative texts																			
B. Uses resource materials and digital tools to produce and publish writing in collaboration with peers																			
<i>Objective 4: Understands and applies knowledge of speaking, listening, and presenting</i>																			
A. Knows strategies to foster students' participation in collaborative conversations with diverse partners about grade-appropriate topics, and to confirm students' understanding of written text																			
B. Knows ways to help students develop skills necessary for speaking, listening, and presenting that are appropriate to task, purpose, and audience																			
<i>Objective 5: Understands and applies knowledge of English-language grammar and vocabulary development</i>																			
A. Knows the conventions of standard English grammar, punctuation, and spelling when writing, reading, speaking, or listening																			
B. Understands the basic components of vocabulary and knows a variety of strategies to determine the meaning of unknown words																			

Required Coursework Numbers

Subarea II. Mathematics (27%)																	
<i>Objective 1: Understands and applies knowledge of numbers, operations, relations, representations, and problem solving</i>																	
A. Knows ways to help children make sense of numbers by comparing, ordering, and connecting numbers to quantities																	
B. Knows ways to help students develop an understanding of equations, number operations, and the relationship between the operations and their properties																	
C. Knows how to represent and solve problems, involving addition and subtraction to help students gain foundations for multiplication and division																	
D. Knows how to write, interpret, analyze, and evaluate numerical expressions, patterns, and relationships																	
E. Knows ways to help students gain foundations for place-value, use place-value understanding, and properties of operations																	
F. Knows how to generalize and use place-value understanding for multi-digit numbers to perform multi-digit operations, including operations with decimals																	
G. Knows ways to help students develop an understanding of fractions as numbers																	
H. Knows ways to help students apply previous understanding of multiplication to multiply or divide a fraction or whole number by a fraction, and to solve real-world problems involving fractions																	

Required Coursework Numbers

<i>Objective 2: Understands and applies knowledge of measurement, geometry, and data representation</i>																			
A. Knows ways to help students identify, classify, describe, and compare the measurable attributes of objects																			
B. Knows how to represent and interpret data																			
C. Knows how to relate addition and subtraction to length, and solve problems involving measurements																			
D. Understands the concepts of area, angle, and angle measure																			
E. Understands the concepts of angle, measurement of angles, and volume, and can relate volume to multiplication and division																			
F. Knows how to reason with shapes and their attributes																			
G. Knows how to graph points on the coordinate plane to solve real-world and mathematical problems																			
H. Knows how to draw and identify lines and angles, and classify shapes by properties of their lines and angles																			
Subarea III. Science (22%)																			
<i>Objective 1: Understands basic science concepts, characteristics of science, and the nature of the scientific process</i>																			
A. Knows the skills necessary for scientific investigation, developing a scientific inquiry mind, and communicating scientific ideas and activities clearly																			

Required Coursework Numbers

B. Understands the idea of system, model, change, and scale in exploring scientific and technological matters															
C. Understands the important features of the process of scientific inquiry and the nature of science, technology, and the environment															
D. Understands time patterns such as day and night, patterns in climate and weather, and changes in the environment															
E. Is familiar with the physical attributes of rocks and soil, and understands how fossils are formed															
F. Is familiar with the surface features of the Earth caused by constructive and destructive processes															
G. Knows how to describe objects in terms of their properties															
H. Understands important physical science concepts															
I. Knows the characteristics of living and non-living things															
J. Understands the life cycle of different living things, and the habitats of organisms and their dependence on those habitats															
K. Understands the life cycle of different living things, and the habitats of organisms and their dependence on those habitats															
L. Understands inherited traits and learned behaviors and factors that affect the survival or extinction of organisms															

Required Coursework Numbers

<i>Objective 2: Understands and applies knowledge of health and physical education, dance, music, visual arts, and theater arts</i>																		
A. Knows concepts related to health promotion and disease prevention and ways to enhance health																		
B. Understands the influence of family, peers, culture, media, technology, and other factors on health behaviors																		
C. Knows how to advocate for personal, family, and community health																		
D. Understands motor skills and movement patterns needed to perform a variety of activities																		
E. Knows how to promote a health-enhancing level of physical fitness, responsible personal and social behavior, and respect for self and others in physical activity settings																		
F. Knows fundamental concepts, principles and skills, and terminology related to dance, music, theater arts, and visual arts																		
G. Knows the basic techniques, tools, processes, and materials for producing work in the arts																		
H. Knows how art can be used as a form of self-expression, communication, and social expression																		
I. Knows strategies to promote critical analysis and understanding of the arts																		
J. Knows the role and function of the arts in various cultures and throughout history																		

Required Coursework Numbers

Subarea IV. Social Studies (17%)																
<i>Objective 1: Understands and applies knowledge of information processing, history, and geography concepts and skills</i>																
A. Knows how to locate, analyze, and synthesize information related to social studies topics and apply this information to solve problems/make decisions																
B. Knows the important people, events, and symbols of the United States and Georgia and can explain their meaning																
C. Understands the concept of chronology and can identify, explain, and analyze the significance/contribution of important historical figures and cultures in the history of Georgia																
D. Understands the political roots of democracy in the United States and the lives of Americans who expanded people’s rights and freedoms in democracy																
E. Knows how Native American cultures developed in North America																
F. Is familiar with European exploration in North America and the factors that shaped British Colonial America																
G. Knows the causes, events, and results of the American Revolution and the challenges that faced the new nation																
H. Knows the importance of key people, events, and developments in the history of the United States between 1860–1945																

Required Coursework Numbers

I. Understands the importance of key people, events, and developments in America between 1950–present															
J. Is familiar with the influence of American culture and geographic systems on physical and human systems															
K. Knows how to use maps and globes to foster students’ understanding of spatial patterns of economic activities and to locate significant topographical features, including physical and man-made, in the United States, Georgia, and the world															
<i>Objective 2: Understands and applies knowledge of government, civics, and economics concepts and processes.</i>															
A. Understands the concept of government and good citizenship and can use stories, important documents, and knowledge of historical figures to illustrate important government and civic concepts															
B. Knows how a citizen’s rights are protected under the United States Constitution															
C. Knows the importance of basic principles that provide the foundation of a republic form of government and the importance of central democratic beliefs and principles, shared by Americans, both personal and civic															
D. Is familiar with basic economic concepts and their effect on historical events															

Required Coursework Numbers

E. Knows the four types of productive resources and can explain the role of money as a resource															
F. Knows the functions and roles of the four major sectors in the U.S. economy and the interactions between businesses and consumers															
G. Knows the costs and benefits of personal spending and saving choices															