



## TEST DESIGN AND FRAMEWORK

### TEST DESIGN

#### Family and Consumer Sciences Education

The **Family and Consumer Sciences Education** assessment consists of **two tests**. Each test contains a section with selected-response questions and a section with constructed-response assignments. Each section counts for a percentage of your total test score. The areas of content assessed by each test, the approximate number of selected-response questions and constructed-response assignments in each content area, and the percentage of your total test score derived from each test section are shown in the tables below. Further information regarding the content included in each subarea can be found in the test framework.

##### ■ Test I (Test Code 044)

Subareas:	Objectives	Approximate Number of Selected-Response Questions	Constructed-Response Assignments
➤ Family and Interpersonal Relationships	0001–0003	16	
➤ Human Development and Parenting	0004–0005	11	1
➤ Nutrition and Wellness	0006–0008	16	
➤ Food Planning and Preparation	0009–0011	17	1
<b>TOTAL</b>		<b>60</b>	<b>2</b>
<b>Percentage of Test Score</b>		<b>80%</b>	<b>20%</b>

##### ■ Test II (Test Code 045)

Subareas:	Objectives	Approximate Number of Selected-Response Questions	Constructed-Response Assignments
➤ Consumer Economics	0012–0014	16	1
➤ Textiles, Merchandising, and Interiors	0015–0017	16	1
➤ Career Development and Business Skills	0018–0022	28	
<b>TOTAL</b>		<b>60</b>	<b>2</b>
<b>Percentage of Test Score</b>		<b>80%</b>	<b>20%</b>



Georgia Assessments for the  
Certification of Educators®

## TEST DESIGN AND FRAMEWORK

### TEST FRAMEWORK

## Family and Consumer Sciences Education

### FAMILY AND INTERPERSONAL RELATIONSHIPS

#### 0001 Understand interpersonal relationships and families.

For example:

- recognizing types and characteristics of interpersonal relationships in the family, workplace, and community
- demonstrating knowledge of types of families and family structures, and the roles of family members
- recognizing various factors (e.g., personal, cultural, societal) that affect families and interpersonal relationships
- demonstrating knowledge of processes for building and maintaining interpersonal relationships
- demonstrating knowledge of the relationship between the family and the community and the importance of the family in society
- identifying community, state, and federal resources and services available to assist families

#### 0002 Understand the role of communication in family and interpersonal relationships.

For example:

- analyzing elements of communication (e.g., verbal and nonverbal messages, listening and feedback techniques, tone) and their effects on relationships
- recognizing how various factors (e.g., similarities and differences among people, communication barriers, technology) affect communication in relationships
- demonstrating knowledge of decision-making skills, problem-solving processes, and conflict prevention and resolution techniques that can be used to manage conflict within relationships



**0003 Understand the interrelatedness of individual, family, career, and community roles and responsibilities.**

For example:

- recognizing that a personal life plan should reflect individual, family, career, learning, leisure, and community goals
- analyzing the interdependence of the components of a personal life plan
- identifying how resources, including technology, can be used to manage individual, family, community, and career roles and responsibilities
- recognizing the role of career and technical student organizations (e.g., FCCLA, SkillsUSA) in relation to student involvement and success in school

**HUMAN DEVELOPMENT AND PARENTING**

**0004 Understand human growth and development.**

For example:

- identifying the stages, characteristics, and interrelationships of physical, cognitive, emotional, and social development from infancy through adulthood
- demonstrating knowledge of major developmental theories (e.g., Piaget's theory of cognitive development, Erikson's theory of psychosocial development) and assessment methods and observation techniques for monitoring development
- recognizing the effects of biological, cultural, economic, social, and technological factors on human growth and development
- demonstrating knowledge of types of special needs and the effects of various disabilities and impairments on human development
- recognizing how developmental and life-cycle stages affect an individual's needs, roles, and goals
- analyzing strategies for promoting human growth and development across the life span



**0005 Understand the roles and responsibilities of parenting.**

For example:

- analyzing factors (e.g., age, marital status, career) that affect decisions about becoming a parent
- identifying ways to prepare for parenthood and its responsibilities
- demonstrating knowledge of stages and changes that occur during pregnancy and childbirth and effects of various factors (e.g., nutrition, age, drugs, disease) on prenatal, perinatal, and postnatal health
- recognizing expectations and responsibilities of parenting
- demonstrating knowledge of various parenting methods and skills used to foster a child's cognitive, physical, social, moral, and emotional development
- analyzing various factors (e.g., culture, societal conditions, environment) that affect parenting and how various parenting practices affect the child, family, and society
- demonstrating knowledge of common childhood illnesses and diseases, children's health-care needs (e.g., nutrition, immunizations, exercise), and hygienic care for children
- identifying potential hazards to children's safety, precautions and practices to prevent childhood accidents, basic first-aid procedures, and ways to plan for children's safety in emergency situations (e.g., fire, natural disaster, parental illness)

**NUTRITION AND WELLNESS**

**0006 Understand health issues across the life span.**

For example:

- demonstrating knowledge of how to use resources (e.g., diet-analysis software, lifestyle checklists, community resources, public agencies) to assess and evaluate health and wellness (e.g., body mass index [BMI])
- recognizing health risk factors (e.g., diet, environment, genetics, lifestyle) that contribute to various disorders and diseases
- identifying techniques for improving health and wellness based on health goals, concerns, and issues (e.g., grooming, personal hygiene)
- demonstrating knowledge of how to select and procure health-care products and services to meet the needs of oneself, family members, and clients



**0007 Understand the role of nutrition in the promotion of personal health and wellness.**

For example:

- demonstrating knowledge of the sources, functions, and importance of nutrients (e.g., carbohydrates, vitamins, water) to personal health and wellness
- demonstrating knowledge of the digestive process and its role in health and wellness
- identifying principles and components of a balanced diet
- demonstrating skills related to researching, reading, interpreting, and evaluating nutritional information (e.g., food labels, media, promotional claims)
- demonstrating knowledge of new food technologies (e.g., irradiation, genetic engineering) and their implications for health and safety
- recognizing factors that influence food choices (e.g., social and cultural factors, family eating patterns, individual preferences, influence of peers, allergies, cost, advertising, dietary laws)
- analyzing the effects of food and diet fads, food advertising, and eating disorders on health and wellness
- demonstrating knowledge of the role of nutrition in promoting and maintaining personal health, as well as in treating and preventing illnesses and diseases

**0008 Understand the role of exercise and physical fitness in maintaining and enhancing health and wellness.**

For example:

- demonstrating knowledge of the characteristics of various types of exercise and physical activity (e.g., aerobic, strength building, recreational)
- recognizing factors to consider when selecting and engaging in physical activities (e.g., level of fitness, safety concerns, nutritional needs)
- identifying the benefits of safe and appropriate physical activities for promoting wellness in individuals of different ages and with various physical conditions
- recognizing the role of regular exercise in promoting and maintaining personal health, disease prevention, and weight control



## FOOD PLANNING AND PREPARATION

### **0009 Understand principles and practices for food purchasing and preparation for home, commercial, and institutional settings.**

For example:

- demonstrating knowledge of principles of food and recipe costing, portion control, food purchasing, and methods of inventory control
- recognizing types of food products (e.g., fresh, canned, packaged), criteria for selecting various food products, and strategies for minimizing costs and conserving time in purchasing food for home, commercial, and institutional settings
- applying knowledge of food science principles
- demonstrating knowledge of principles and skills involved in using recipes (e.g., converting to larger or smaller quantities, terms and units of measurement, principles of recipe modification, effects of adding various ingredients)
- demonstrating knowledge of food preparation techniques and principles (e.g., cooking methods, factors affecting cooking rates and results)
- demonstrating knowledge of how to read and use information required for food labels and packaging and the roles of the Food and Drug Administration and the U.S. Department of Agriculture in regulating label information and the use of additives in the food industry

### **0010 Understand meal and menu planning and meal service for home, commercial, and institutional settings.**

For example:

- demonstrating knowledge of principles of meal and menu planning (e.g., time management, food portioning, menu costing)
- analyzing factors (e.g., nutritional, cultural, psychological, and sensory; needs or preferences of consumer) that affect meal and menu planning
- identifying methods, types, and components of meal service (e.g., meal service styles, food presentation techniques) and table settings



**0011 Understand kitchen management, sanitation, and proper food storage and handling techniques for home, commercial, and institutional settings.**

For example:

- demonstrating knowledge of guidelines (e.g., HACCP) for maintaining safety and sanitation in the kitchen
- recognizing how to select, care for, and safely use kitchen equipment and tools
- demonstrating knowledge of food-borne illnesses, their causes (e.g., FAT TOM), and symptoms
- demonstrating knowledge of food receiving, storage, and handling procedures that prevent contamination (e.g., cross-contamination) and illness
- identifying the roles of federal (e.g., Occupational Safety and Health Administration [OSHA]), state, and local agencies involved in food safety and sanitation
- demonstrating knowledge of types of state regulations relating to food service inspection and certification

**CONSUMER ECONOMICS**

**0012 Understand skills and procedures for managing finances.**

For example:

- identifying factors (e.g., income, needs, wants) involved in planning and maintaining a personal or family budget in relation to short- and long-term financial goals
- recognizing components of short- and long-term financial plans and procedures for managing finances (e.g., savings plans, wills, estate planning)
- identifying types of financial institutions (e.g., banks, credit unions) and the financial services they provide
- recognizing risks and benefits associated with savings and investment options and identifying appropriate strategies for achieving financial goals
- identifying procedures and considerations involved in making major purchases (e.g., homes, automobiles)
- recognizing issues related to selecting and obtaining professional services (e.g., health care, legal services, repair services)
- recognizing the costs, risks, and benefits of loans and credit; procedures for selecting and obtaining loans and credit; and factors that affect eligibility for loans and credit



**0013 Understand the management of resources.**

For example:

- demonstrating knowledge of personal and family resources (e.g., time, skills and abilities, energy) and factors affecting them (e.g., technological advances, economic factors)
- identifying appropriate strategies for managing and adapting resources to meet various needs (e.g., economic, physical, emotional)
- recognizing how various factors (e.g., advertising, international issues, accessibility to the marketplace) affect individual and family consumption
- demonstrating knowledge of issues related to environmental resource use and consumption (e.g., conservation methods, consumer resources, public policies)
- demonstrating knowledge of procedures for evaluating housing options (e.g., comparing the advantages and disadvantages of purchasing, renting, and leasing housing) in relation to personal or family needs and available resources
- recognizing legal and other considerations related to housing finance decisions (e.g., types of mortgage, homeowner's insurance, leases)

**0014 Understand the role of the consumer in the economy.**

For example:

- identifying the role of consumers in the U.S. economy and the interrelationships between consumers and the economy
- demonstrating knowledge of how business and economic trends affect consumers
- demonstrating knowledge of consumers' rights and responsibilities in various purchasing situations (e.g., product and service warranties, guarantees, and contracts)
- recognizing the roles of federal and state agencies, commissions, advocacy groups, and the media in protecting consumers
- demonstrating familiarity with steps and factors in making purchasing decisions (e.g., reading labels and consumer information; comparing price, quality, efficiency, warranties, and product return policies)
- analyzing the influences of the media (e.g., marketing, advertising, news reports) on purchasing decisions
- identifying factors that affect the cost and quality of goods and services (e.g., scarcity, cost of raw materials and transportation, consumer protection laws, shoplifting, unethical use of return and exchange policies)
- recognizing types and characteristics of consumer fraud and deception and identifying principles and procedures for seeking redress or registering consumer complaints



## TEXTILES, MERCHANDISING, AND INTERIORS

### **0015 Understand the elements and principles of interior design.**

For example:

- recognizing current trends and issues in housing and interior design (e.g., energy efficiency, technology, environmental issues)
- demonstrating knowledge of the elements and principles of design and color theory
- recognizing how social, psychological, physical, environmental, cultural, and economic factors affect interior design
- applying knowledge of space-planning skills (e.g., creating floor plans, reading blueprints, computer drafting) used to plan or modify interior and exterior living environments
- recognizing functional and aesthetic factors (e.g., use of space, traffic flow, focal point) related to designing various living environments
- demonstrating knowledge of the advantages and limitations of various lighting options, wall treatments, floor coverings, window treatments, and finishes

### **0016 Understand home furnishings, maintenance, and safety issues.**

For example:

- demonstrating knowledge of historical and contemporary furniture styles; furnishings; and architectural finishes, treatments, coverings, and household equipment
- recognizing factors that affect the selection of home furnishings (e.g., durability, affordability, care requirements, accessibility to the marketplace)
- demonstrating knowledge of basic home care and maintenance procedures, and home safety issues

### **0017 Understand the principles and elements of textile and fashion design and maintenance.**

For example:

- demonstrating knowledge of elements and principles of textile and fashion design, including color theory and relationships between design and function
- demonstrating knowledge of ways in which fabric, texture, and pattern can affect visual appearance
- demonstrating familiarity with elements of textile and fashion merchandising
- applying knowledge of principles and procedures for creating and altering textile products
- identifying procedures (e.g., laundering, mending garments) for cleaning and maintaining different types of textile products



## CAREER DEVELOPMENT AND BUSINESS SKILLS

### 0018 Understand careers related to family and consumer sciences.

For example:

- recognizing career and entrepreneurial opportunities related to customer services, consumer affairs, and financial services
- recognizing career and entrepreneurial opportunities related to early childhood education and family services
- recognizing career and entrepreneurial opportunities related to food science, dietetics, and nutrition
- recognizing career and entrepreneurial opportunities related to food production and services; hospitality, tourism, and recreation; and facilities management
- recognizing career and entrepreneurial opportunities related to housing, interiors, furnishings, and textiles
- demonstrating knowledge of training requirements and aptitudes necessary for employment in occupations related to family and consumer sciences
- demonstrating knowledge of the roles and functions of individuals in various occupations related to family and consumer sciences (e.g., family counselor, restaurant manager, fashion designer)

### 0019 Understand knowledge and skills related to family and consumer sciences careers.

For example:

- demonstrating knowledge of customer/client service skills (e.g., problem solving, communicating with respect, building rapport) and factors that contribute to high-quality customer/client relationships
- demonstrating knowledge of documentation and recordkeeping procedures and principles (e.g., timeliness, accuracy, confidentiality, legal guidelines)
- demonstrating knowledge of methods of advocating for customers/clients and for helping customers/clients develop strategies for making informed choices, gathering information, and advocating for themselves
- recognizing assessment tools and procedures used in family and consumer sciences careers
- demonstrating knowledge of strategies for identifying and networking with community resources (e.g., government agencies, social service agencies, educators) to provide services for customers/clients
- demonstrating knowledge of business planning and management skills (e.g., creating a business plan, managing finances and personnel, marketing) in the context of family and consumer sciences-related fields
- demonstrating knowledge of basic economic concepts and how they are applied in business functions and activities
- demonstrating knowledge of the applications of technology in family and consumer sciences careers



**0020 Understand the career-evaluation and job-procurement processes.**

For example:

- recognizing factors (e.g., interests, abilities, values) involved in making career decisions and methods for formulating appropriate plans to achieve career goals
- identifying skills and procedures for searching for, applying for, and interviewing for a job
- recognizing the relationship between educational achievement and career opportunities
- recognizing the importance of education and career development as lifelong learning processes, and the effect of career choices on family patterns and lifestyles
- recognizing how labor-market trends affect career choices

**0021 Understand workplace skills, behaviors, and responsibilities.**

For example:

- identifying characteristics of professionalism, work ethics, employability skills, and transferable skills
- recognizing personal qualities (e.g., adaptability, dependability, responsibility, tolerance, honesty, empathy, courtesy) and interpersonal skills (e.g., leadership, conflict management) that facilitate success in the workplace
- demonstrating knowledge of principles for working effectively in teams and managing stress and conflict in the workplace
- demonstrating knowledge of strategies for locating and interpreting information in a variety of formats (e.g., manuals, graphs, reports, schedules, flowcharts) and determining appropriate formats for organizing, communicating, and presenting information
- identifying appropriate and effective uses of technology in the workplace
- identifying employee responsibilities and procedural requirements for complying with laws, regulations, and ethical guidelines and demonstrating knowledge of the penalties for failing to comply
- recognizing how involvement with professional organizations and lifelong learning can be used to enhance career development



**0022 Understand principles of effective communications in personal and professional contexts.**

For example:

- demonstrating knowledge of effective listening and speaking skills
- recognizing the values, ethics, and dynamics of communication in personal and professional contexts
- demonstrating knowledge of how to communicate empathy in personal and professional contexts
- demonstrating knowledge of the effects of diversity on communication and strategies for communicating effectively with diverse target groups
- demonstrating knowledge of the principles of appropriate oral, written, nonverbal, visual, and electronic communication
- demonstrating knowledge of methods for communicating in a clear, courteous, concise, and correct manner on personal and professional levels and how to apply basic social communication skills to personal and professional situations
- demonstrating knowledge of manual and electronic methods of written and oral communication
- identifying and selecting appropriate formats for preparing various types of business communications (e.g., report, business letter, informational materials, portfolio, e-mail, multimedia presentation)