

Housing and Living Environments

#09133

Grades 9-12

To explore the impacts housing has on families and the variety of ways in which individuals and families meet their needs for shelter. Content may include: the meaning of home; determining personal housing needs; selecting housing to meet needs; legal and financial aspects of housing; housing for individuals with special needs; the home as work site; personal expression through home decoration; household equipment selection, care, and use; maintaining safe environment; home repairs and improvements; energy and resource consumption and conservation; technology for home and family life; societal and environmental impacts of decisions; sources of support and assistance for individuals and families; current issues related to family housing; related careers; leadership development.

Credit:

$\frac{1}{4}$, $\frac{1}{2}$, or 1

Max credit = 1

MIS03 # 09133		0.25, 0.5 or 1.0 Credit		HOUSING & LIVING ENVIRONMENTS	
Career, Community, and Family Connections					
Content Standards		Competencies			
1.1 Analyze strategies to manage multiple roles and responsibilities (individual, family, career, community, and global).	1.1.1 Summarize local and global policies, issues, and trends in the workplace and community that affect individuals and families.				✓
	1.1.2 Analyze the effects of social, economic, and technological change on work and family dynamics.				
	1.1.3 Analyze ways that individual career goals can affect the family's capacity to meet goals for all family members.				
	1.1.4 Analyze potential effects of career path decisions on balancing work and family.				
	1.1.5 Define goals for life-long learning and leisure opportunities for all family members.				
	1.1.6 Develop a life plan, including pathways to acquiring the knowledge and skills needed to achieve individual, family, and career goals.				
1.2 Demonstrate transferable and employability skills in school, community and workplace settings.	1.2.1 Analyze potential career choices to determine the knowledge, skills, and attitudes associated with each career.				
Consumer and Family Resources					
Content Standards		Competencies			
2.1 Demonstrate management of individual and family resources such as food, clothing, shelter, health care, recreation, transportation, time, and human capital.	2.1.2 Analyze how individuals and families make choices to satisfy needs and wants.				
	2.1.5 Apply consumer skills to decisions about housing, utilities, and furnishings.				
2.2 Analyze the relationship of the environment to family and consumer resources.	2.2.2 Summarize environmental trends and issues affecting families and future generations.				
2.4 Evaluate the effects of technology on individual and family resources.	2.4.2 Analyze how media and technological advances affect family and consumer decisions.				
	2.4.3 Assess the use of technology and its effect on quality of life.				
2.6 Demonstrate management of financial resources to meet the goals of individuals and families across the life span.	2.6.3 Apply management principles to decisions about insurance for individuals and families.				

Housing and Interior Design		
Content Standards	Competencies	
11.1 Analyze career paths within the housing, interior design, and furnishings industries.	11.1.1 Explain the roles and functions of individuals engaged in housing and interior design careers.	
	11.1.3 Summarize education, training, and credentialing requirements and opportunities for career paths in housing and interior design.	
11.2 Evaluate housing and design concepts and theories, including green design, in relation to available resources and options.	11.2.1 Evaluate the use of elements and principles of design in housing and commercial and residential interiors.	
	11.2.2 Analyze the psychological impact that the principles and elements of design have on the individual.	
	11.2.3 Analyze the effects that the principles and elements of design have on aesthetics and function.	
	11.2.4 Apply principles of human behavior such as ergonomics and anthropometrics to design of housing, interiors, and furnishings.	
11.3 Apply housing and interior design knowledge, skills and processes to meet specific design needs.	11.3.1 Analyze product information, including but not limited to floor coverings, wall coverings, textiles, window treatments, furniture, lighting fixtures, kitchen and bath fixtures and equipment.	
	11.3.2 Evaluate manufacturers, products, and materials considering environmental protection, care and maintenance, and safety issues.	
	11.3.3 Demonstrate measuring, estimating, ordering, purchasing, pricing, and repurposing skills,	
	11.3.4 Appraise various interior furnishings, fixtures, appliances, and equipment to provide cost and quality choices for clients.	
	11.3.5 Examine the impact of housing, interiors, and furnishings on the health, safety, and welfare of the public.	
	11.3.6 Demonstrate design processes such as determining the scope of the project, programming, research, concept development, proposal, schematic design, design drawing, and design presentation development.	
11.4 Demonstrate design, construction document reading, and space planning skills required for the housing, interior design and furnishings industries.	11.4.1 Interpret information provided on construction documents.	
	11.4.2 Evaluate floor plans for efficiency and safety in areas including but not limited to zones, traffic patterns, storage, and electrical, and mechanical systems.	
	11.4.3 Draft an interior space to scale using architecture symbols.	
	11.4.4 Arrange furniture placement with reference to principles of design, traffic flow, activity, and existing architectural features.	
	11.4.5 Apply building codes, universal guidelines, and regulations in space planning and furniture arrangement.	
	11.4.6 Demonstrate graphic communication skills (CAD, PowerPoint, sketching).	
11.5 Analyze design and development of architecture, interiors, and furnishings through the ages.	11.5.1 Describe features of furnishings that are characteristic of various historical periods.	
	11.5.2 Explain societal and technological trends on periods of architecture and interior design through the ages.	
	11.5.3 Illustrate the development of architectural styles throughout history.	
	11.5.4 Compare and contrast historical architectural details to current housing and interior design trends.	

11.6 Evaluate the needs, goals, and resources in creating design plans for housing and residential and commercial interiors.	11.6.1 Assess financial resources needed to improve interior space.	
	11.6.2 Assess the community, family, and financial resources needed to achieve housing and interior design goals.	
	11.6.3 Assess a variety of available resources for housing and interior design, including ergonomic and anthropometric data.	
	11.6.4 Critique design plans to address the needs, goals, and resources.	
	11.6.5 Justify design solutions relative to needs, including diversity and cultural needs, and the design process.	
11.7 Apply design knowledge, skills, processes, and theories and oral, written, and visual presentation skills to communicate design ideas.	11.7.1 Select appropriate studio tools.	
	11.7.2 Prepare sketches, elevations, and renderings using appropriate media.	
	11.7.3 Prepare visual presentations including legends, keys, and schedules.	
	11.7.4 Utilize a variety of presentation media such as photography, video, computer, and software for client presentations.	
	11.7.5 Utilize applicable building codes, universal guidelines, and regulations in space planning.	
	11.7.6 Create floor plans using architectural drafting skills and computer aided design software.	
Textiles, Fashion, and Apparel		
Content Standards	Competencies	
16.2 Evaluate fiber and textile products and materials.	16.2.2 Evaluate performance characteristics of textile fiber and fabrics.	
	16.2.4 Analyze effects of textile characteristics on design, construction, care, use, and maintenance of products.	
	16.2.5 Apply appropriate procedures for care of textile products.	
16.3 Demonstrate fashion, apparel, and textile design skills.	16.3.1 Explain the ways in which fiber, fabric, texture, pattern, and finish can affect visual appearance.	

Housing and Living Environments Course Topics and Related Standards Overview

HOUSING & LIVING ENVIRONMENTS	FACS I	Middle School FACS
MIS03 # 09133	MIS03 # 09022	MIS03 # 09006
Design	Design	Design
Elements and Principles (11.2.1, 11.2.2, 11.2.3, 11.2.4)	Elements and Principles (11.2.1-11.2.3)	Elements and Principles (11.2.1, 11.2.2)
Construction (11.4.1, 11.4.2, 11.4.3, 11.4.4, 11.4.5, 11.4.6)	Construction (11.4.1, 11.4.2, 11.4.3, 11.4.4)	
Styles (11.5.1, 11.5.2, 11.5.3, 11.5.4)	Styles (11.5.1, 11.5.4)	
Interiors (11.3.1, 11.3.2, 11.3.3, 11.3.4, 11.3.5, 11.3.6)	Interiors (11.3.6)	
Space Planning (11.4.2, 11.4.3, 11.4.4, 11.4.5, 11.4.6)	Space Planning (11.4.2 - 11.4.4, 11.4.6)	
Consumer Resources (2.1.2, 2.1.5, 2.2.2, 2.4.2, 2.4.3, 2.6.3)	Consumer Resources (2.1.2, 2.1.5, 2.4.2)	Consumer Resources (2.1.2)
Textiles (16.2.2, 16.2.4, 16.2.5, 16.3.1)	Textiles (16.3.1)	
Resources (11.6.1, 11.6.2, 11.6.3, 11.6.3)	Resources (11.6.1, 11.6.2)	
Design Applications (11.6.4, 11.6.5, 11.7.1, 11.7.2, 11.7.3, 11.7.4, 11.7.5, 11.7.6)	Design Applications (11.6.4, 11.6.5, 11.7.1, 11.7.2, 11.7.3, 11.7.4, 11.7.5, 11.7.6)	
Related Careers (1.1.1, 1.1.2, 1.1.3, 1.1.4, 1.1.5, 1.1.6, 1.2.1, 11.1.1, 11.1.3)	Related Careers (1.1.1, 11.1.3)	