

<USING THIS DOCUMENT>

Housing, Environment and Design Crosswalk to the Missouri GLEs

The crosswalks for the Grade Level Expectations (GLEs) provided in this document are organized based on the Strand Legend provided below. Additionally, a GLE Legend is provided at the bottom of each page of the crosswalk. The GLE coding is organized by a letter and number system that indicates the primary components of the crosswalk. The first letter in the code indicates the “Strand;” the following number indicates the “Big Idea;” the next letter indicates the “Concept;” and the last number identifies the “Grade Level.” For example, a crosswalk identified as N.1.A.9 would be interpreted as:

N = Mathematics – Number and Operations

1 = Understand numbers, ways of representing numbers, relationships among numbers and number systems

A = Read, write and compare numbers

9 = Grade – in this case, students should develop these skills at the ninth grade level

The full listing of Grade Level Expectations is available on the Department of Elementary and Secondary Education Web-site at:

<http://dese.mo.gov/divimprove/curriculum/GLEDocuments.html>

Housing, Environments and Design (CIP: 20.0110)

Cross-Reference to Missouri Grade Level Expectations

STRAND LEGEND			
Communication Arts	Mathematics	Social Studies	Science
Information Literacy (I)	Number and Operations (N)	Economic Concepts and Principles (EC)	Matter and Energy (ME)
Listening and Speaking (L)	Algebraic Relationships (A)	Principles and Processes of Governance Systems (GS)	Force and Motion (FM)
Reading (R)	Geometric and Spatial Relationships (G)	Missouri, United States, and World History (HS)	Living Organisms (LO)
Writing (W)	Measurement (M)	Principles of Constitutional Democracy (PC)	Ecology (EC)
	Data and Probability (D)	Relationships of Individuals and Groups to Institutions and Traditions (RI)	Earth Systems (ES)
		Tools of Social Science Inquiry (TI)	Universe (UN)
		United States History (US)	Scientific Inquiry (IN)
		World History (WH)	Science, Technology, and Human Activity (ST)
		Elements of Geographical Study (EG)	

Housing Environments and Design (CIP: 20.0110)

Cross-Reference to Missouri Grade Level Expectations

Measurable Learner Objective and Task Statement	CORE AREAS			
	Communication Arts	Mathematics	Social Studies	Science
A. Assume Leadership Roles as Responsible Family Members and Citizen				
1. Utilize FCCLA program(s) to address housing environments and design issues	L.1.A.9-12 L.1.B.9-12			
2. Utilize leadership qualities and skills for problem solving	L.1.A.9-12 L.1.B.9-12			
3. Utilize leadership qualities and skills to influence change in the living environment	L.1.A.9-12 L.1.B.9-12			
B. Select Living Environments				
1. Analyze needs, values and goals as they relate to lifestyle and life cycle	R.1.C.9-12 R.1.D.9-12 R.1.E.9-12 R.1.F.9-12 R.1.G.9-12 R.1.H.9-12 R.3.C.9-12 R.3.D.9-12		GS.5.D.9-12	
2. Describe the components of the macro-environment to include quality of life, neighborhood and community	R.1.C.9-12 R.1.D.9-12 R.1.E.9-12 R.1.F.9-12 R.1.G.9-12 R.1.H.9-12 R.3.C.9-12 R.3.D.9-12		GS.5.D.9-12 GS.5.E.9-12	ES.3.A.9-11 ST.3.B.9-11

GLE Legend:

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Number (9, 10, 11, etc) indicates the grade level of the GLE

Example: N.1.A.10

Measurable Learner Objectives are bold font

Housing Environments and Design (CIP: 20.0110)

Cross-Reference to Missouri Grade Level Expectations

Measurable Learner Objective and Task Statement	CORE AREAS			
	Communication Arts	Mathematics	Social Studies	Science
3. Recognize the historical and social influences on housing	R.1.C.9-12 R.1.D.9-12 R.1.E.9-12 R.1.F.9-12 R.1.G.9-12 R.1.H.9-12 R.3.C.9-12 R.3.D.9-12		HS.2.C.9-12	
4. Identify social and environmental factors affecting housing costs and choices	R.1.C.9-12 R.1.D.9-12 R.1.E.9-12 R.1.F.9-12 R.1.G.9-12 R.1.H.9-12 R.3.C.9-12 R.3.D.9-12			ES.3.A.9-11 ST.3.A.9-11
5. Analyze housing needs of special populations	R.1.C.9-12 R.1.D.9-12 R.1.E.9-12 R.1.F.9-12 R.1.G.9-12 R.1.H.9-12 R.3.C.9-12 R.3.D.9-12			
6. Investigate procedures, legal, and financial responsibilities for obtaining housing	R.1.C.9-12 R.1.D.9-12 R.1.E.9-12 R.1.F.9-12 R.1.G.9-12 R.1.H.9-12 R.3.C.9-12 R.3.D.9-12		EC.1.D.9-12	

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Measurable Learner Objective and Task Statement	CORE AREAS			
	Communication Arts	Mathematics	Social Studies	Science
C. Create Living Environments				
1. Apply elements and principles of design	R.1.C.9-12 R.1.D.9-12 R.1.E.9-12 R.1.F.9-12 R.1.G.9-12 R.1.H.9-12 R.3.C.9-12 R.3.D.9-12			
2. Examine the concept of universal design	R.1.C.9-12 R.1.D.9-12 R.1.E.9-12 R.1.F.9-12 R.1.G.9-12 R.1.H.9-12 R.3.C.9-12 R.3.D.9-12			
3. Evaluate construction drawings for individual and family needs	R.1.C.9-12 R.1.D.9-12 R.1.E.9-12 R.1.F.9-12 R.1.G.9-12 R.1.H.9-12 R.3.C.9-12 R.3.D.9-12	G.4.B.9-12		

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Measurable Learner Objective and Task Statement	CORE AREAS			
	Communication Arts	Mathematics	Social Studies	Science
4. Demonstrate computer-aided design for housing	R.1.C.9-12 R.1.D.9-12 R.1.E.9-12 R.1.F.9-12 R.1.G.9-12 R.1.H.9-12 R.3.C.9-12 R.3.D.9-12	G.4.B.9-12		
5. Examine materials and methods for residential construction	R.1.C.9-12 R.1.D.9-12 R.1.E.9-12 R.1.F.9-12 R.1.G.9-12 R.1.H.9-12 R.3.C.9-12 R.3.D.9-12			
6. Compare qualities of furnishings, fabrics, equipment and finishes	R.1.C.9-12 R.1.D.9-12 R.1.E.9-12 R.1.F.9-12 R.1.G.9-12 R.1.H.9-12 R.3.C.9-12 R.3.D.9-12			
7. Analyze design trends	R.1.C.9-12 R.1.D.9-12 R.1.E.9-12 R.1.F.9-12 R.1.G.9-12 R.1.H.9-12 R.3.C.9-12 R.3.D.9-12			

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Measurable Learner Objective and Task Statement	CORE AREAS			
	Communication Arts	Mathematics	Social Studies	Science
D. Evaluate Health and Safety in Living Environments				
1. Examine factors related to healthy homes	R.1.C.9-12 R.1.D.9-12 R.1.E.9-12 R.1.F.9-12 R.1.G.9-12 R.1.H.9-12 R.3.C.9-12 R.3.D.9-12			ES.3.A.9-11 ST.3.A.9-11
2. Identify factors related to home safety and security	R.1.C.9-12 R.1.D.9-12 R.1.E.9-12 R.1.F.9-12 R.1.G.9-12 R.1.H.9-12 R.3.C.9-12 R.3.D.9-12			
3. Analyze modifications for living environments to meet the needs of specific populations	R.1.C.9-12 R.1.D.9-12 R.1.E.9-12 R.1.F.9-12 R.1.G.9-12 R.1.H.9-12 R.3.C.9-12 R.3.D.9-12			ST.3.A.9-11
E. Utilize Design Communication Skills				

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Measurable Learner Objective and Task Statement	CORE AREAS			
	Communication Arts	Mathematics	Social Studies	Science
1. Demonstrate effective verbal, nonverbal, written, and electronic communication skills	R.1.C.9-12 R.1.D.9-12 R.1.E.9-12 R.1.F.9-12 R.1.G.9-12 R.1.H.9-12 R.3.C.9-12 R.3.D.9-12 W.1.A.9-12 W.2.B.9-12 W.2.C.9-12 W.2.D.9-12 W.2.E.9-12 W.2.F.9-12 W.3.A.9-12 W.3.B.9-12 W.3.C.9-12 W.3.D.9-12 W.3.E.9-12			
2. Demonstrate positive interpersonal skills including conflict resolutions, negotiation, teamwork, and leadership	L.1.A.9-12 L.1.B.9-12			

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	Communication Arts	Mathematics	Social Studies	Science
3. Justify design ideas through visual and verbal presentations	R.1.C.9-12 R.1.D.9-12 R.1.E.9-12 R.1.F.9-12 R.1.G.9-12 R.1.H.9-12 R.3.C.9-12 R.3.D.9-12 L.1.A.9-12 L.1.B.9-12 L.2.A.9-12 L.2.B.9-12			
F. Analyze Key Careers				
1. Identify career clusters related to housing environments and design	R.1.C.9-12 R.1.D.9-12 R.1.E.9-12 R.1.F.9-12 R.1.G.9-12 R.1.H.9-12 R.3.C.9-12 R.3.D.9-12 I.1.A.9-12 I.1.B.9-12 I.1.C.9-12 I.1.D.9-12 I.2.A.9-12			

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	Communication Arts	Mathematics	Social Studies	Science
2. Assess personal characteristics and professional requirements for occupations related to housing environments and design	R.1.C.9-12 R.1.D.9-12 R.1.E.9-12 R.1.F.9-12 R.1.G.9-12 R.1.H.9-12 R.3.C.9-12 R.3.D.9-12 I.1.A.9-12 I.1.B.9-12 I.1.C.9-12 I.1.D.9-12 I.2.A.9-12			
3. Investigate working conditions, income and employment outlook for specific careers	R.1.C.9-12 R.1.D.9-12 R.1.E.9-12 R.1.F.9-12 R.1.G.9-12 R.1.H.9-12 R.3.C.9-12 R.3.D.9-12 I.1.A.9-12 I.1.B.9-12 I.1.C.9-12 I.1.D.9-12 I.2.A.9-12			

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Measurable Learner Objective and Task Statement	CORE AREAS			
	Communication Arts	Mathematics	Social Studies	Science
4. Research entrepreneurial options related to housing environments and design	R.1.C.9-12 R.1.D.9-12 R.1.E.9-12 R.1.F.9-12 R.1.G.9-12 R.1.H.9-12 R.3.C.9-12 R.3.D.9-12 I.1.A.9-12 I.1.B.9-12 I.1.C.9-12 I.1.D.9-12 I.2.A.9-12			

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