

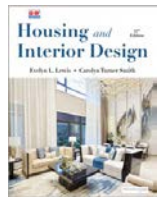
Goodheart-Willcox Publisher
Correlation of Housing and Interior Design ©(2023)
to South Carolina Department of Education
Human Services/Family and Consumer Sciences
Housing and Interiors 1
Course Code: 5830 (Grades 9–12)



Standards	Correlating Text Pages
B. HOUSING AND HOUSING SELECTIONS	
SC B1. Analyze the legal aspects of purchasing and leasing housing.	
1. Assess housing options.	64-80, 65 (Figure 3.7 Location), 65 (Figure 3.8 Region - The Climate), 66 (Figure 3.9 Choosing a Region), (Figure 3.10 Choosing a Community), 71 Figure 3.14 Choosing a Neighborhood)
2. Analyze the legal aspects of leasing and home ownership.	46-52, 47-51 (Figure 2.25 Housing Legislation)
3. Investigate the rights and responsibilities of individuals and families.	67-69, 68 (Figure 3.11 Declaration of Restriction), 68 Green Choices)
4. Differentiate between the roles of local, state, and federal government.	64-69, 65 (Figure 3.7 Location)
5. Distinguish between various agencies in the housing industry.	46-53, 47-51 (Figure 2.25 Housing Legislation), 55, (Review & Assessment)
SC B2. Analyze factors that affect housing and housing selection.	
1. Evaluate individual and family needs.	37-38, 37 (Figure 2.14 Single Choose to Live Alone), 38 (Figure 2.15 compact, One-Story Houses)
2. Identify social trends and cultural influences that affect housing and housing selection.	34-40, 35 (Sociocultural Connections), 39 Figure 2.16 Finding Affordable Housing)
3. Critique technology used in housing and housing selection.	44-46, 45 Figure 2.22 Current Technologies), 46 (Figure 2.23 Computer-Aided Drafting and Design (CADD), (Figure 2.24 Three-Dimensional Printing (3D)
4. Evaluate how environmental issues affect housing and housing selection.	40-42, 41 (Figure 2.18 The Natural Environment), (Figure 2.19 The Constructed Environment)
5. Evaluate residences based on green building standards.	91-97, 92 (Figure 4.1 Evaluating Energy Efficiency of a House), 93 (Figure 4.3 Sources of U.S. Electricity Generation, 2019), 94 (Figure 4.6 Solar Energy), 96 (Figure 4.7 Wind Turbine Generators)
6. Categorize historical influences that affect housing and housing selection.	26-33, 27 (Figure 2.2 Native American Housing), 28 (Figure The Thatched Roof), (Figure A Log Cabin), (Figure 2.5 Planation Houses), 29 (Figure 2.6 Urban Settings Housing), (Figure 2.7 Mansions)
7. Evaluate financial responsibilities to determine affordable housing and housing selection.	42-44, 43 (Sociocultural Connections), 44 Figure 2.21 How the Economy Affects Housing)



8. Assess available infrastructures.	53-54
C. STRUCTURAL ASPECTS OF HOUSING	
SC C1. Examine features of housing structural design.	
1. Assess components included in structural design.	202-221, 202 (Figure 9.1 The Foundation), 203 (Figure 9.2 Mediterranean Ranch Style House), 203 (STEM Science & Technology)
2. Examine computer design software.	220-221, 220 (Figure 9.26 How Technology Can Be Used)
3. Interpret construction documents.	136-148, 136 (Figure 6.1), 137 (Figure 6.2), 138 (Figure 6.3), 139 (Figure 6.5)
4. Identify foundation and frame system components.	202-206, 202 (Figure 9.1), 203 (Figure 9.2), 205 (Figure 9.4)
5. Determine resources for home maintenance and improvement.	590-611, 595-596 (Figure 25.6), 607 (Figure 25.25), 608 (Figure 25.26)
6. Compare various types of interior and exterior construction materials.	206-211, 207 (Figure 9.6), 209 (Figure 9.8), 215-219, 216 (Figure 9.21)
7. Identify interior systems.	226-247, 226 (Figure 10.1), 229 (Figure 10.4), 232 (Figure 10.7)
D. DESIGN AND PLANNING CONCEPTS	
SC D1. Evaluate elements and principles of design of various spaces and structures.	
1. Analyze the elements and principles of design.	376-397, 377-378 (Figure 17.1 Designer Tasks During the Design Process) 380 (figure 17.3 Adjacency Matrix), 386 (Figure 17.9 Interior Designer's Tool Kit)
2. Differentiate between the elements and principles of design.	325-333, 326 (Figure 14.4 Types of Lines), 328 Figure 14.6 Type of Form), Figure 14.7 The Floral Image), 358-369, 358 Figure 16.1 Good Proportion
3. Apply elements and principles of design.	325-333, 326 (Figure 14.4 Types of Lines), 328 Figure 14.6 Type of Form), Figure 14.7 The Floral Image), 358-369, 358 Figure 16.1 Good Proportion
4. Demonstrate elements and principles of design and color theory as applied to interior design.	325-333, 326 (Figure 14.4 Types of Lines), 328 Figure 14.6 Type of Form), (Figure 14.7 The Floral Image), 358-369, 368 (Figure 16.15 Effectively Choosing a Color)
SC D2. Examine the principles and factors that influence space planning.	
1. Investigate space planning.	154
2. Define universal access/design.	173



E. CAREERS

SC E1. Explore career pathways within the housing and interior design industry.

1. Critique personal qualities for career success.	648-656, 648 (Figure 27.12 Professional Business Attire), 650 (Sociocultural Connections)
2. Analyze career paths and opportunities for employment.	620-623, 623 (Figure 26.6 Other Factors), 626-631, 627 (Figure 26.11 The Career Clusters)
3. Compare entrepreneurial prospects.	664-675, 666 (Figure 28.3 Entrepreneurial Careers in Housing and Interior Design), 669 (Figure 28.6 A Business Plan)
4. Explore student and professional organizations related to the housing industry.	630-631, 631 (Figure 26.13 Professional Organizations within the Housing and Design Industry), (Figure 26.14 Preparing Yourself for Future Study)
5. Demonstrate effective communication styles.	651, 651 (Figure 27.15 Maintain a Level of Professionalism)
6. Justify the value of volunteering.	623
7. Establish personal goals based on 21 st Century Skills.	618, 649, 665

B. HOUSING AND HOUSING SELECTIONS

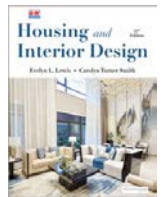
SC B1. Analyze the legal aspects of purchasing and leasing housing.

What Students Should Know:

1. Different types of housing	64-80, 65 (Figure 3.7 Location), 65 (Figure 3.8 Region - The Climate), 66 (Figure 3.9 Choosing a Region), (Figure 3.10 Choosing a Community), 71 Figure 3.14 Choosing a Neighborhood)
2. Legal aspects of leasing and owning	46-52, 47-51 (Figure 2.25 Housing Legislation)
3. Rights and responsibilities	67-69, 68 (Figure 3.11 Declaration of Restriction), 68 Green Choices)
4. Roles of the local, state, and federal government	64-69, 65 (Figure 3.7 Location)
5. Agencies	46-53, 47-51 (Figure 2.25 Housing Legislation), 55, (Review & Assessment)

What Students Should Be Able to Do:

1. Assess housing options.	64-80, 65 (Figure 3.7 Location), 65 (Figure 3.8 Region - The Climate), 66 (Figure 3.9 Choosing a Region), (Figure 3.10 Choosing a Community), 71 Figure 3.14 Choosing a Neighborhood)
2. Analyze the legal aspects of leasing and home ownership.	46-52, 47-51 (Figure 2.25 Housing Legislation)



3. Investigate the rights and responsibilities of individuals and families.	67-69, 68 (Figure 3.11 Declaration of Restriction), 68 Green Choices)
4. Differentiate between the roles of local, state, and federal government.	64-69, 65 (Figure 3.7 Location)
5. Distinguish between various agencies in the housing industry.	46-53, 47-51 (Figure 2.25 Housing Legislation), 55, (Review & Assessment)
SC B2. Analyze factors that affect housing and housing selection.	
What Students Should Know:	
1. Individual and family needs	37-38, 37 (Figure 2.14 Single Choose to Live Alone), 38 (Figure 2.15 compact, One-Story Houses)
2. Social trends and cultural influences	34-40, 35 (Sociocultural Connections), 39 Figure 2.16 Finding Affordable Housing)
3. Technology	44-46, 45 Figure 2.22 Current Technologies), 46 (Figure 2.23 Computer-Aided Drafting and Design (CADD), (Figure 2.24 Three-Dimensional Printing (3D)
4. Environmental issues	40-42, 41 (Figure 2.18 The Natural Environment), (Figure 2.19 The Constructed Environment)
5. Green building	91-97, 92 (Figure 4.1 Evaluating Energy Efficiency of a House), 93 (Figure 4.3 Sources of U.S. Electricity Generation, 2019), 94 (Figure 4.6 Solar Energy), 96 (Figure 4.7 Wind Turbine Generators)
6. Historical influences	26-33, 27 (Figure 2.2 Native American Housing), 28 (Figure The Thatched Roof), (Figure A Log Cabin), (Figure 2.5 Planation Houses), 29 (Figure 2.6 Urban Settings Housing), (Figure 2.7 Mansions)
7. Financial responsibilities	42-44, 43 (Sociocultural Connections), 44 Figure 2.21 How the Economy Affects Housing)
8. Infrastructure	53-54
9. Laws, building codes, and regulation	46-53, 47-51 (Figure 2.25 Housing Legislation), 55, (Review & Assessment)
What Students Should Be Able to Do:	
1. Evaluate individual and family needs.	37-38, 37 (Figure 2.14 Single Choose to Live Alone), 38 (Figure 2.15 compact, One-Story Houses)
2. Identify social trends and cultural influences that affect housing and housing selection.	34-40, 35 (Sociocultural Connections), 39 Figure 2.16 Finding Affordable Housing)
3. Critique technology used in housing and housing selection.	44-46, 45 Figure 2.22 Current Technologies), 46 (Figure 2.23 Computer-Aided Drafting and Design (CADD), (Figure 2.24 Three-Dimensional Printing (3D)
4. Evaluate how environmental issues affect housing and housing selection.	40-42, 41 (Figure 2.18 The Natural Environment), (Figure 2.19 The Constructed Environment)



5. Evaluate residences based on green building standards.	91-97, 92 (Figure 4.1 Evaluating Energy Efficiency of a House), 93 (Figure 4.3 Sources of U.S. Electricity Generation, 2019), 94 (Figure 4.6 Solar Energy), 96 (Figure 4.7 Wind Turbine Generators)
6. Categorize historical influences that affect housing and housing selection.	26-33, 27 (Figure 2.2 Native American Housing), 28 (Figure The Thatched Roof), (Figure A Log Cabin), (Figure 2.5 Planation Houses), 29 (Figure 2.6 Urban Settings Housing), (Figure 2.7 Mansions)
7. Evaluate financial responsibilities to determine affordable housing and housing selection.	42-44, 43 (Sociocultural Connections), 44 Figure 2.21 How the Economy Affects Housing)
8. Assess available infrastructures	53-54
9. Analyze laws, building codes and regulations.	46-53, 47-51 (Figure 2.25 Housing Legislation), 55, (Review & Assessment)
C. STRUCTURAL ASPECTS OF HOUSING	
SC C1. Examine features of housing structural design.	
What Students Should Know:	
1. Structural design	202-221, 202 (Figure 9.1 The Foundation), 203 (Figure 9.2 Mediterranean Ranch Style House), 203 (STEM Science & Technology)
2. Computer design software	220-221, 220 (Figure 9.26 How Technology Can Be Used)
3. Construction documents	136-148, 136 (Figure 6.1), 137 (Figure 6.2), 138 (Figure 6.3), 139 (Figure 6.5)
4. Foundation and frame system components	202-206, 202 (Figure 9.1), 203 (Figure 9.2), 205 (Figure 9.4)
5. Home maintenance and improvement	590-611, 595-596 (Figure 25.6), 607 (Figure 25.25), 608 (Figure 25.26)
6. Interior and exterior construction materials	206-211, 207 (Figure 9.6), 209 (Figure 9.8), 215-219, 216 (Figure 9.21)
7. Interior systems	226-247, 226 (Figure 10.1), 229 (Figure 10.4), 232 (Figure 10.7)
What Students Should Be Able to Do:	
1. Assess components included in structural design.	202-221, 202 (Figure 9.1 The Foundation), 203 (Figure 9.2 Mediterranean Ranch Style House), 203 (STEM Science & Technology)
2. Examine computer design software.	220-221, 220 (Figure 9.26 How Technology Can Be Used)
3. Interpret construction documents.	136-148, 136 (Figure 6.1), 137 (Figure 6.2), 138 (Figure 6.3), 139 (Figure 6.5)



4. Identify foundation and frame system components.	202-206, 202 (Figure 9.1), 203 (Figure 9.2), 205 (Figure 9.4)
5. Determine resources for home maintenance and improvement.	590-611, 595-596 (Figure 25.6), 607 (Figure 25.25), 608 (Figure 25.26)
6. Compare various types of interior and exterior construction materials.	206-211, 207 (Figure 9.6), 209 (Figure 9.8), 215-219, 216 (Figure 9.21)
7. Identify interior systems.	226-247, 226 (Figure 10.1), 229 (Figure 10.4), 232 (Figure 10.7)

D. DESIGN AND PLANNING CONCEPTS

SC D1. Evaluate elements and principles of design.

What Students Should Know:

1. Elements and principles of design	325-333, 326 (Figure 14.4 Types of Lines), 328 (Figure 14.6 Type of Form), Figure 14.7 The Floral Image), 358-369, 358 (Figure 16.1 Good Proportion)
2. Color theory	338-353, 338 (Figure 15.1 Understanding Colors), 340 (Figure 15.4 Arrangement in a Color Wheel), 341 (Sociocultural Connections)

What Students Should Be Able to Do:

1. Analyze the elements and principles of design.	376-397, 377-378 (Figure 17.1 Designer Tasks During the Design Process) 380 (Figure 17.3 Adjacency Matrix), 386 (Figure 17.9 Interior Designer's Tool Kit)
2. Differentiate between the elements and principles of design.	325-333, 326 (Figure 14.4 Types of Lines), 328 (Figure 14.6 Type of Form), Figure 14.7 The Floral Image), 358-369, 358 (Figure 16.1 Good Proportion)
3. Apply elements and principles of design.	325-333, 326 (Figure 14.4 Types of Lines), 328 (Figure 14.6 Type of Form), Figure 14.7 The Floral Image), 358-369, 358 (Figure 16.1 Good Proportion)
4. Demonstrate elements and principles of design and color theory as applied to interior design.	325-333, 326 (Figure 14.4 Types of Lines), 328 (Figure 14.6 Type of Form), (Figure 14.7 The Floral Image), 358-369, 368 (Figure 16.15 Effectively Choosing a Color)

SC D2. Examine the principles and factors that influence space planning.

What Students Should Know:

1. Space	154
2. Universal design	173

What Students Should Be Able to Do:

1. Investigate space planning	154
2. Define universal access/design	173



E. CAREERS

E1. Explore career pathways within the housing and interior design industry.

What Students Should Know:

1. Qualities for success	648-656, 648 (Figure 27.12 Professional Business Attire), 650 (Sociocultural Connections)
2. Career paths	620-623, 623 (Figure 26.6 Other Factors), 626-631, 627 (Figure 26.11 The Career Clusters)
3. Entrepreneurship	664-675, 666 (Figure 28.3 Entrepreneurial Careers in Housing and Interior Design), 669 (Figure 28.6 A Business Plan)
4. Student and professional organization	630-631, 631 (Figure 26.13 Professional Organizations within the Housing and Design Industry), (Figure 26.14 Preparing Yourself for Future Study)
5. Communication styles	651, 651 (Figure 27.15 Maintain a Level of Professionalism)
6. Volunteering	623
7. 21 st Century Skills	618, 649, 665

What Students Should Be Able to Do:

1. Critique personal qualities for career success.	648-656, 648 (Figure 27.12 Professional Business Attire), 650 (Sociocultural Connections)
2. Analyze career paths and opportunities for employment.	620-623, 623 (Figure 26.6 Other Factors), 626-631, 627 (Figure 26.11 The Career Clusters)
3. Compare entrepreneurial prospects.	664-675, 666 (Figure 28.3 Entrepreneurial Careers in Housing and Interior Design), 669 (Figure 28.6 A Business Plan)
4. Explore student and professional organizations related to the housing industry.	630-631, 631 (Figure 26.13 Professional Organizations within the Housing and Design Industry), (Figure 26.14 Preparing Yourself for Future Study)
5. Demonstrate effective communication styles.	651, 651 (Figure 27.15 Maintain a Level of Professionalism)
6. Justify the value of volunteering.	623
7. Establish personal goals based on the 21st Century Skills.	618, 649, 665