

Competency Profile Resources

This resource list has been developed to support instruction and assessment for the Housing Environments and Design semester course.

Course Rationale: To assist Missouri citizens in preparing for success in family and career life, competencies in the Housing Environments and Design course taught in Family and Consumer Sciences (FCS) education programs enable students to: construct meaning and acquire skills related to housing environments and design; analyze influences and factors impacting the selection and creation of safe and healthy living environments; analyze careers related to housing environments and design; and utilize leadership, problem-solving, and communication skills to assume roles as responsible family members and citizens.

A. ASSUME LEADERSHIP ROLES AS RESPONSIBLE FAMILY MEMBERS AND CITIZENS

1. Utilize FCCLA program(s) to address housing environments and design issues

Websites:

www.fcclainc.org Family, Career and Community Leaders of America organization website.

www.dese.mo.gov/divcareered/fccla.htm Missouri Family, Career and Career Leaders of America organization website.

www.charactercounts.org Go to → “Free Teaching Tools,” Go to → “Good Ideas,” and look under Teenagers.

Video:

[FCCLA Is ...](#) FCCLA, MCCE call number: FCS VIDEO 49

This video showcases all of the FCCLA national programs, program units, and meetings, and it provides testimonials from students.

Other:

Speaker and Guest – Habitat for Humanity (see A3)

2. Utilize leadership qualities and skills for problem solving

Websites:

www.charactercounts.org Go to → “Free Teaching Tools,” Go to → “Good Ideas” and look under teenagers – includes leadership ideas.

www.fcclainc.org Family, Career and Community Leaders of America organization website. Go to → “Online Shopping – FCCLA Publications –

<http://www.josephsoninstitute.org/quotes/quotetoc.htm> This site includes many quotes on leadership

Print Resources:

[“Leadership Lessons – 50 Lesson Plans for Teaching Leadership Concepts & Skills \(NASSP\).”](#) This book is designed to help teachers teach leadership skills to students. MCCE call number: FCS 20.0101 N1776.

National Association of Secondary School Principals

1904 Association Drive

Reston, VA 201911537

www.nasc.us

703-860-0200

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Audio Visual:

“Dynamic Leadership and Power of One CD-Rom” – The Dynamic Leadership program uses activities for all skill levels to help young people build leadership skills. The Power of One program encourages personal and leadership development.

Other:

National Service-Learning Partnership.

<http://www.service-learningpartnership.org/site/PageServer> National Service-Learning Partnership

www.learningindeed.org/leadership/nslpnewaddr.html National-Service-Learning Partnership – Learning In Deed

www.servicelearning.org/ National Service Learning Clearinghouse

Speakers and projects from Habitat for Humanity (see A3).

3. Utilize leadership qualities and skills to influence change in the living environment

Audio Visual:

www.teachwithmovies.org

\$11.99 per year for unlimited personal or classroom use of more than 260 learning guides. Go to →“Character Development Index.” Go to → “Leadership.”

Other:

Speakers and projects with Habitat for Humanity:

Springfield Habitat for Humanity. www.habitat-of-springfield-mo.org

4535 West Chestnut Expressway

Springfield, MO 65802

Habitat for Humanity of Pulaski County, Missouri. www.webound.com/habitat/

P.O. Box 527

Waynesville, MO 65583

Show-Me Central Habitat for Humanity. www.centralmohabitat.org

1906 Monroe Street

Columbia, Missouri 65201

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Phelps County Habitat for Humanity. www.rollanet.org/~habitat/
P.O. Box 1551
Rolla, MO 65401

St. Louis Habitat for Humanity. www.habitatstl.org
3763 Forest Park Avenue
St. Louis, MO 63108

B. SELECT LIVING ENVIRONMENTS

1. Analyze needs, values and goals as they relate to lifestyle and life cycle

Websites:
<http://www.design.ncsu.edu:8120/cud/> The Center for Universal Design at North Carolina State University. A national research, information, and technical assistance center that evaluates, develops, and provides universal design in housing, public and commercial facilities, and related products. Site includes design modifications and examples of home construction, projects, and the NCSU educational program and ADA video clips.
www.census.gov/hhes/www/housing/ahs/ahs.html
Government site that includes the American Housing Survey results.
<http://factfinder.census.gov/home/saff/main.html>
U.S. Census Bureau site. Source for population, housing, economic and geographic data. Go to → “Housing” on the left.

2. Describe the components of the macro-environment to include quality of life, neighborhood and community

Websites:
www.newurbanism.org . This site highlights smart growth initiatives that identify the relationship between development patterns and quality of life issues. Principles and Benefits of New Urbanism, effects of sprawl and suburbia on health, TOD – Transit Oriented Development Awareness, and other topics are explored.
www.arcosanti.org Under construction in the Arizona high desert, the “City of the Future” Arcosanti intends to present an alternative to urban sprawl that combines ecology with energy-efficient living.
www.oseda.missouri.edu Missouri Office of Social and Economic Data Analysis, a unit of the University of Missouri Extension. Go to → “County Facts” or “County Social and Economic Indicators” for census data by county.
www.cares.missouri.edu (Missouri Center for Agriculture, Resource, and Environmental Systems). CARES is a research and service center within the College of Agriculture, Food and Natural Resources at the University of Missouri-Columbia. Includes graphic information data for Missouri and interactive maps of the state. Shows topography, flood plains, hazardous sites, missile silos, feed lots, etc.
www.extension.missouri.edu (University of Missouri Extension Service). Go to → “Community Development Publications”. Go to → MP568 “Community

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Development Theory.” Or Go to → “News and Publications.” Go to → DM1301 “What Are Our Community’s Housing Needs?”

www.homesofourown.org A project of the National Association of Home Builders. Social Studies Lesson Starters includes information on zoning and community activism.

3. Recognize the historical and social influences on housing

Websites:

www.greatbuildings.com The leading architecture reference site on the web. Architecture across history and around the world with photographs of 1,000 buildings, 3D models, web links, commentaries, and architectural drawings. Includes links to trends in social influences.

<http://edsitement.neh.gov> National Endowment for the Humanities. Go to → *What Should A House Do?*

www.americanhistory.si.edu/house/default.asp Smithsonian National Museum of American History. *Within These Walls* chronicles five families in over 200 years of history in one house.

<http://www.whitehouse.gov/kids/> Online tour of the White House.

<http://library.thinkquest.org/3786/> *Architecture Through the Ages*. Includes Mayan, Greek, Roman, Egyptian and more with virtual tours.

www.monticello.org An interactive tour of Monticello, the home of Thomas Jefferson. Go to → “Education” in the header. Go to → “Student Tours” and “Curriculum Resource Packets.”

www.cr.nps.gov/archeology/robinson/index.htm National Park Service. *The Robinson House: A Portrait of African American Heritage*. The story of the James Robinson family from artifacts found in archaeological excavations around the house where they lived for nearly a century.

www.cr.nps.gov/hps/pad/adventure/landmark.htm National Park Service. *The Great American Landmarks Adventure*. Includes houses of our past --17th-20th century.

www.cr.nps.gov/nr/ National Register of Historic Places. Go to → “Celebrate Family History.” Go to → *An American Success Story: The Pope House of Raleigh, NC* (Home of an African-American doctor and entrepreneur). Also visit the boyhood homes of John F. Kennedy and William Howard Taft. Also Go to → “Historic Properties” and see the *Discover Our Shared Heritage Travel Itinerary*.

<http://memory.loc.gov/ammem/collections/gottscho/> **The Library of Congress**. Focus on *Architecture and Interior Design for 20th Century America*.

www.benjaminmoore.com Includes paint colors and styles through history and a gallery of architectural styles. Type in Search – architectural styles.

www.doi.gov (U.S. Department of Interiors). Go to → “Teacher’s Resources.” Go to → *Teaching with Historic Places* under More Resources.

www.oseda.missouri.edu/ Missouri Office of Social and Economic Data Analysis. Go to → “County Facts” or “County Social and Economic Indicators.” Includes census data by county.

www.outreach.missouri.edu/hes/ Links to trends in social and economical influences on housing. Go to → “Architectural Studies.”

www.masterpieces.com/arch2.htm. Architectural styles are highlighted.

www.oldhousedetective.com Many principal housing styles of the 19th and 20th century are illustrated and described.

http://www.oldhouseweb.com/stories/Features/Architectural_Housing_Styles/ Architectural housing styles from Italianate to Queen Anne to Greek Revival Homes.

Also includes stories and pictures of all-steel, post WWII Lustron homes.

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<http://www.rrcnet.org/~historic/sodhist.htm> American Pioneer Sod Houses. Includes pictures and information.

4. Identify social and environmental factors affecting housing costs and choices

Websites:
www.greenbuildingstudio.com Industry’s leading provider of building energy analysis tools.
www.epa.gov U.S. government site for the Environmental Protection Agency. Type “Energy Conservation” in Search window.
www.dnr.mo.gov. Missouri Department of Natural Resources. Go to → “Energy” on the left.. Go to → “Energy Education.” Includes general resources, lesson plans, solar “raycing,” and solar decathlon.
www.extension.missouri.edu/ (University of Missouri Extension Service). Go to→ “Programs by Topics” on the left. Go to → “Home and Garden.” Go to → “Missouri Families.” Go to → “Housing.” Go to → “Housing Features.” Go to → “Learning Opportunities” on the left. Go to → “Housing.”
www.extension.missouri.edu/ (University of Missouri Extension Service). Go to → “News and Publications” on the left. Go to → “Human Environmental Sciences.” Go to → “Interior Design” publications. Go to → “GH2100-Managing Interiors for Energy Control.”
www.extension.missouri.edu/ (University of Missouri Extension Service). Go to → “News and Publications” on the left. Go to → “Human Environmental Sciences.” Go to → “Household Equipment” publications. Go to → “EC958-Water Conservation.”
www.nahb.org – National Association of Home Builders. Go to → “Resources” in the header. Go to → “Consumers.” Go to → “For the Classroom.” Teachers, students, and parents learn more about home building, environmental issues, and careers in home building industries through activities, games, and programs tailored to children and young adults.
www.hud.gov/buying/index.cfm U.S. Department of Housing and Urban Development. Go to → “Buying A Home.”
www.usbgc.org (U.S. Green Building Council) Type “LEED” in Search window.
www.buildgreenkc.com Build Green means designing and constructing a home that is kinder and gentler to our world. This site includes related green building web sites.

5. Analyze housing needs of special populations

Websites:
www.iastate.edu Iowa State University site. Type in “Universal Design and Home Accessibility” in the Search window. Includes home modification information through Iowa Extension and many links to further information on universal design and home accessibility.
<http://www.usdoj.gov/crt/ada/> U.S. Department of Justice. Americans With Disabilities Act Home Page. Go to → “ADA Design Standards“ in the header. Leads to “ADA Standards for Accessible Design”
www.friendly4seniors.com Go to → “Select a Category.” Go to → “Housing Options.” A database populated with over 2000 senior related listings.

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www.hud.gov Government website highlighting the Department of Housing and Urban Development. Go to → “Information For...” on the right. Go to → “People with Disabilities” or “Senior Citizens.” This site includes Housing and Accessibility Resources and Fair Housing Laws information.

<http://www.extension.missouri.edu/explore/aging/> (University of Missouri Extension Service). Includes *GH7060 Bathroom Safety*, *MX400 Housing As We Grow Older*, and *GG13 Shared Housing*.

www.missourifamilies.org Links to information on aging.

www.ncil.org National Council on Independent Living. Advances independent living and the rights of people with disabilities through consumer-driven advocacy. Go to → “Resources for Youth, Veterans and Seniors with Disabilities” on the left. Go to → “Federal Agencies and Disability Organizations” with links to many sites.

www.nod.org National Organization on Disability. Provides the latest in disability related news, information, and resources. Go to → “Access to Independence – Housing Access”

<http://www.ed.gov/about/offices/list/osers/index.html?src=oc> Office of Special Education and Rehabilitative Services. “View Teaching Resources” on the right.

www.abledata.com Source for assistive technology information. Click on “Products” in the header. Click on “Architectural Elements.”

www.extension.iastate.edu/pages/housing/hfaa.html Iowa State University Extension. Information on housing for special populations.

http://www.aarp.org/families/home_design/ American Association of Retired Persons. Go to → “Home Design” or “Housing Choices” on the left. Includes Universal Design and housing for the elderly.

www.aoa.gov Administration on Aging, U.S. Department of Health and Human Services. Go to → “Elders and Families.” Go to → “Housing” and then Go to → “Housing Sub Navigation” which includes Assistive Technology and Resources.

www.marc.org/firstsuburbs/ Mid American Regional Council. Works to update the older homes in the “first ring” suburbs. Includes links and resources.

www.aahsa.org American Association of Homes and Services for the Aging. Includes information on housing for the aged.

Print Materials:

www.alfa.org Assisted Living Federation of America. Download *Guide to Choosing an Assisted Living Residence*.

www.extension.missouri.edu (University of Missouri Extension Service). Go to → “News and Publications” on the left. Go to → “Extension Publications.” Go to → “Human Environmental Sciences.” Go to → “Housing.” Go to → *MW16 - House Planning Handbook* (download free or contact your local University of Missouri Extension Housing Specialist for free copies).

6. Investigate procedures, legal, and financial responsibilities for obtaining housing

Websites:

www.missourifamilies.org University of Missouri Extension site. Go to → “Money Matters” and click on “Personal Finance Features.” Go to → “Housing” – articles on Housing Finance Basics.

www.nahb.org National Association of Home Builders. In the header, Go to → “Resources” and then to → “Consumers.” Click on “Financing Your Home”.

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www.hud.gov Government website highlighting the Department of Housing and Urban Development. On the left, Go to → “Buying” or “Owning” or “Fair Housing and Equal Opportunity.”

www.myfico.com Site includes effects of FICO Score on loan determination and interest rate, amortization calculators, credit education documents and credit education information.

www.realtor.com Official site of the National Association of Realtors. In the header, Go to → “Home Finance” for information on home finance, home loans ,mortgage calculator, home affordability calculator and refinancing information.

www.mortgageloan.com Site highlights how a credit score (FICO) is determined, calculators, and home finance information.

www.extension.missouri.edu (University of Missouri Extension Service). Go to → “Aging.” Find “Housing As We Grow Older” and “Shared Housing.”

www.mbaa.org Mortgage Bankers Association. Go to → “Buying A Home” for home financing information and Go to → “Home Loan Learning Center.”

Audio Visual:

www.homesofourown.org National Association of Home Builders. CD-Rom Education Simulation called “Homes of Our Own” shows excellent integration of basic skills and MAP expectations through activities that highlight math and language. It is free to educators serving schools with enrollments of 100 students or more or through the local public library. A new version will be available February 2006.

Print Materials:

[Savage Inequalities](#) by Jonathan Kozol, New York: Crown Publishers, Inc., 1991. Housing conditions and schools are explored in East St. Louis, New York, San Antonio, Chicago, Washington, D.C., and Camden, New Jersey.

C. CREATE LIVING ENVIRONMENTS

1. Apply elements and principles of design

Websites:

www.greatbuildings.com This gateway to architecture around the world and across history documents a thousand buildings and hundreds of leading architects, with 3D models, photographic images and architectural drawings, bibliographies, and web links. Closely linked to [Architectural Digest](#) magazine.

www.colormatters.com Go to →”Color and Design Art” on the left. Articles about the impact of color on people and their environments.

<http://www.bhg.com/> (Better Homes and Gardens) Go to → “Tools and Guides” on the left or to “House and Home” in the header. Includes a how-to encyclopedia, home plans, decorating tips, and interactive room arranging tool where you can create up to 25 different rooms by adding furniture and architecture and more

<http://char.txa.cornell.edu/language/element/element.htm> (Charlotte Jirousek, Cornell University). An online illustrated textbook about the elements of design.

www.roomreview.com/elements/pages/elementslev1.htm (Room Review) Select the links for illustrations of the different elements of design.

<http://icom.museum/> (International Council of Museums). Directory of online museums.

www.sanford-artedventures.com. Select the “study art” link to find illustrated articles about the use of design elements.

www.armstrongfloors.com. Select “Room Design Viewer” for the interactive room viewer to try out different wall colors, cabinet colors, and floor colors.

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www.ces.ncsu.edu/depts/fcs/housing/pubs/fcs439.html North Carolina State University Cooperative Extension FCS 439 “Furnishing Your First Home: Color and Design” and FCS 430 “How Does the Space in Your Home Rate?”

www.mcs.surrey.ac.uk/Personal/R.Knott/Fibonacci/fibInArt.html. The golden section in art, architecture, and music with illustrations and links.

<http://mathforum.org/dr.math/faq/faq.golden.ratio.html> The golden ration, Fibonacci Sequence, and golden rectangle with illustrations and descriptions plus links for more information.

Guest speaker:

Sherwin Williams – www.swdecorating.com, or your local paint vendor for color samples and to arrange speakers.

Audio Visual:

Computer program – SimCity 3000 Unlimited. [http://www.amazon.com/gp/homepage.html/](http://www.amazon.com/gp/homepage.html) \$9.99 (used and new from \$4.24)

Computer program – SimCity 4 Deluxe Edition [http://www.amazon.com/gp/homepage.html/](http://www.amazon.com/gp/homepage.html) \$28.99 (Used and new from \$22.95)

2. Examine the concept of universal design

Websites:

www.extension.iastate.edu/universaldesign/ Go to → “Resources” Information on Iowa State University Universal Design for Better Living Project with excellent power point presentations on home modifications and universal design features.

www.greatbuildings.com This gateway to architecture around the world and across history documents a thousand buildings and hundreds of leading architects with 3D models, photographic images and architectural drawings, bibliographies and web links.

<http://ncsudesign.org/content/> North Carolina State University Center for Universal Design. Universal design modifications and examples of home construction, projects, and the NCSU educational program.

www.AARP.org Site for information on housing and the aging. Includes additional website resources.

3. Evaluate construction drawings for individual and family needs

Websites:

www.improvenet.com Information on the design process, a design gallery, home plans, interactive project estimators, and project planning guide with a nationwide team of home improvement experts.

www.eplans.com Online source of more than 10,000 home plans.

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Audio Visual:

<http://www.homesofourown.org/class.asp> National Association of Home Builders. Samples lessons in 2D and 3D with a free CD-Rom Homes Of Our Own interactive simulation.

4. Demonstrate computer-aided design for housing

Websites:

www.armstrong.com/home/us/en/ Interactive room viewer that where the user can select flooring options, cabinet colors, and wall colors.

<http://www.cadalyst.com/cadalyst/> CAD demos, downloads, and a showcase of award-winning designs. Includes an on-line magazine.

www.broderbund.com/ Demos for three-dimensional home design software.

www.swdecorating.com/ (Sherwin Williams) – Interactive site.

Audio Visual:

www.homesofourown.org/ “Building Homes of Our Own” is an interactive CD-Rom that uses technology to create a simulation of real-world processes. Through the program, students learn to use technology to gather and analyze information, make decision, analyze information, make decisions, and solve problems. As they advance through the home building process, students also learn how technology changes and impacts daily life.

<http://www.punchsoftware.com/index.htm> “5 in 1 Home Design” is an interactive CD-Rom that delivers capabilities including home design, landscape design, and deck design software in one seamless interface. Also provided by Punch through this link is a 15-day free trial version of the Super Home Suite.

5. Examine materials and methods for residential construction

Websites:

www.outreach.missouri.edu/hes/ Go to → “Architectural Studies.” Go to → “Environmental Design”. Links – Directory

Speakers:

Local contractors and sub contractors.

Field Trips: Local home tours

Projects: Make a chair out of cardboard

6. Compare qualities of furnishings, fabrics, equipment and finishes

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Websites:

www.ki.com/ Go to → Education – K-12 – Go to → Price list.

www.hermanmiller.com/ Go to → CMF Library.

<http://www.steelcase.com/na/> One of the largest distributors of home and office furnishings. For example – Go to → “Products.” Select a work chair. Pick the color. Add to CAD drawing.

www.carpet.rug.com/ (Carpet & Rug Institute). Coverage of selecting rugs and carpets, care and cleaning, installation, indoor air quality, as well as facts about the carpet industry.

www.marthastewart.com/ Select the “home” link for information on painting and decorating.

www.fiberworld.com/ (The American Fiber Manufacturer’s Association, Inc.) “Fiberworld Classroom” an online resource for topics on fibers from manufacturing to history to use to care and maintenance.

<http://www.armstrong.com/resflram/na/home/en/us/> Flooring product guide that includes “green” flooring choices and an interactive room viewer that allows the user to select wall colors, cabinet colors, and flooring options.

www.benjaminmoore.com/ Product guide plus a paint calculator, tips on paint application, how-to’s for decorative finishes such as sponging, paint colors and styles through history, and a gallery of architectural styles.

www.homedepot.com/ – Under “décor”, project calculators for various types of background materials.

www.iald.org/ (International Association of Lighting Designers). Links to more efficient use of lighting.

www.wishihadthat.com/ Thousands of unique products for home decorating.

www.shopping.com/ Links to many interior design products.

www.novica.com/ National Geographic site that features handmade artwork and home decorating materials by top artisans from around the world.

www.allthingsforhome.com/ Site focuses on materials and home decorating items.

Audio Visual:

www.living.com/ A video magazine that includes video clips from HGTV, Food, DIY television programs. This site does include commercials.

7. Analyze design trends

Websites:

www.marksyvadesigns.com/ View a large number of designs.

www.hgtv.com/ Creative site that includes current design trends.

www.usgbc.org/ (U.S. Green Building Council) Go to → LEED, Go to → LEED Homes – Residential Project Checklist. Includes International Building Codes.

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D. EVALUATE HEALTH AND SAFETY IN LIVING ENVIRONMENTS

1. Examine factors related to healthy homes

Websites:
www.indoorair.org/ A national program dedicated to improving indoor air and leading to healthy homes. In the header, Go to → “Educator’s Resources” – includes Fact Sheets and Instructional Modules. Includes information on lead, radon, mold, asbestos, and others. This site also has links to the EPA, USDA, and Montana State University Extension Service.
www.epa.gov/ Government web site highlighting the Environmental Protection Agency. In the header on the left, Go to → “Educational Resources.” Go to → “High School” or Go to → “Teachers.” Go to → “Health and Safety”.
www.missourifamilies.org/ University of Missouri Extension site. In the header, Go to → “Housing.” Go to → “Housing Features.”

2. Identify factors related to home safety and security

Websites:
www.missourifamilies.org/ University of Missouri Extension site. In the header, Go to → “Housing.” Go to → “Safety Check Up”.
<http://www.nfpa.org/index.asp?cookie%5Ftest=1> National Fire Protection Association. In the header, Go to → “Learning.” Go to → “Public Education.” Go to → “Fact Sheets.”
www.ncpc.org/ (National Crime Prevention Council)
<http://www.uwex.edu/homeasyst/> (Farm Assist – Home Assist) Topics and links to a wide variety of resources on home safety.
<http://www.hud.gov/healthy/index.cfm> (U. S. Department of Housing and Urban Development) Checklists to make a safer home.
<http://www.ibhs.org/> (Institute for Business & Home Safety) Downloadable articles on various home-safety guidelines as well as building codes.
www.michigan.gov/mdch (State of Michigan, Department of Community Health) Go to → “Aging Services” for online home-safety checklist for senior citizens.
<http://www.safewithin.com/index.cgi> Frequently updated online articles about home safety, environmental safety, fire safety, and links for home-safety resources.
<http://www.safeusa.edc.org/home/safehome.htm> (Safe USA) Resources for being safe at home from injuries resulting from fires, falls, poisonings, drowning, and violence.
www.ul.com/consumers/parents2.htm (Underwriters Laboratories Inc.) Room-by-room home safety tips.
<http://www.cpsc.gov/cpsc/pub/pubs/5012.html> (Consumer Product Safety Commission) Online article about carbon monoxide facts and prevention.
<http://www.cpsc.gov/cpsc/pub/prerel/prerel.html> Online safety articles as well as a list of recent product recalls.
http://www.cdc.gov/nasd/menu/topic/home_safety.html (National Institute for Occupational Safety and Health) Various home-safety checklists that may be printed for students’ use.
<http://www.kwikset.com/> Photos and descriptions of various locks and deadbolts.
http://www.homesafetycouncil.org/resource_center/resourcecenter.aspx Home Safety Council Resource Center. Many valuable resources to make homes safer.

Competency Profile Resources

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Speaker:
Resource Officer/DARE Officer Contact local district Resource Office/DARE Officer to share information on home safety and security and the legalities of lease agreements and illegal activities in the dwelling. Missouri DARE <http://dare.mopca.com/>

3. Analyze modifications for living environments to meet the needs of specific populations

Websites
www.iastate.edu/ Iowa State University site. Type in “Universal Design and Home Accessibility.” Includes home modification – biggest trend in housing today is modifying homes so older adults can stay in their homes longer.
<http://www.habitat.org/default2.aspx> (Habitat for Humanity International). Information on programs to build affordable housing using volunteers.
<http://www.ada.gov/> (Americans with Disabilities Act government website).

Speaker: KC Public Works, Michelle Ohmes
414 E. 12th St.
Kansas City, MO 64106
Phone: (816) 513-2627
Fax: (816) 513-2615
E-mail: pubworks@kcmo.org

E. UTILIZE DESIGN COMMUNICATION SKILLS

1. Demonstrate effective verbal, nonverbal, written, and electronic communication skills

Websites:
www.homesofourown.org/ Samples lessons – English Language Arts. Written and verbal communications are critical to the process of home building and to the successful completion of this program.
<http://www.fcclainc.org/> Family and Community Leaders of America organization website. Go to → “Online Shopping – FCCLA Publications – “Leadership Lessons – 50 Lesson Plans for Teaching Leadership Concepts & Skills.” This book is designed to help teachers teach leadership skills to students.

Audio Visual:
“Dynamic Leadership and Power of One CD-Rom” – The Dynamic Leadership program uses activities for all skill levels to help young people build leadership skills. The Power of One program encourages personal and leadership development. MCCE call number: FCS CD ROM 10

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Project Idea:

Using resources, such as floor plans, web sites or floor plan booklets, ask students to select a favorite floor plan, or given an assigned stage in the life cycle, select a floor plan and verbally describe to the teacher what best meets the needs.

2. Demonstrate positive interpersonal skills including conflict resolutions, negotiation, teamwork, and leadership

Websites:

<http://www.nahb.org/> National Association Home Builders. Go to → “Education” on the header. Go to → “For Teachers and Students.”
<http://www.ezwebsite.org/> – Webquest – Trading Spaces

3. Justify design ideas though visual and verbal presentations

Websites:

<http://www.missouri.edu/~yoons/> Dr. So Yeon Yoon, University of Missouri faculty with computer graphics and design communications – examples of student projects
<http://www.missouri.edu/~uddinm/> Dr. M. Saleh Uddin, University of Missouri Architectural Studies. Computer graphics and design communications.

F. ANALYZE KEY CAREERS

1. Identify career clusters related to housing environments and design

Websites:

<http://www.nahb.org/> (National Association of Home Builders) Go to → “Education” on the header. Go to “For Teachers and Students.”
<http://www.jobshadow.org/> (Job Shadow sponsored by a coalition of government and private industry). Guidelines for setting up job shadowing and a link to virtual job shadowing.
www.abc.org/page.cfm?keyPageID=61 (Associated Builders and Contractors). Educational opportunities, as well as articles about construction career paths.
www.newurbanism.org Includes university programs focusing on the new urbanism movement.
www.fcclainc.org Family, Career and Community Leaders of America organization website. Career information is available.

Speakers:

Alliance of Community Educators – www.aceducators.org/ A.C.E. matches community educators with classroom needs in greater Kansas City schools. Volunteer community educators are assigned to visit the classroom or career fair and share information about their career.
A.C.E., 7933 Foster, Overland Park, KS 66204 – 913-901-2421

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Speaker or field trip: Include the *local* technical center building trades program.

2. Assess personal characteristics and professional requirements for occupations related to housing environments and design

Websites:
www.eocinc.org Educational Opportunity Centers, Inc. Part of the U.S. Office of Education. Career and educational information.
www.interiordesignline.com Related sites include interior design schools.
www.monster.com Select interior design and career opportunities are displayed.
<http://www.charactercounts.org/ideas/ideatoc.htm> Go to → “Free Teaching Tools.” Go to → “Good Ideas.” Offers teenagers good ideas for workplace skills and responsibility including shadowing a professional for a day activity.
www.charactercounts.org “Building Character in the Workplace.”

3. Investigate working conditions, income and employment outlook for specific careers

Websites:
www.teachwithmovies.org Go to → “Character Development Topics.” Go to → Work/Career.
www.bls.gov (U.S. Department of Labor - Bureau of Labor Statistics)

4. Research entrepreneurial options related to housing environments and design

Websites:
<http://www.acteonline.org/career/skills/index.cfm> Site of the Association of Career and Technology Education. Includes information on a variety of careers.
www.careervoyages.gov Website of the U.S. Department of Education and Labor. Opportunity to explore a number of career options.
www.entrepreneur.com Includes how-to guides and information on entrepreneurial college programs.
www.startupjournal.com The Wall Street Journal Center for Entrepreneurs. Includes information on entrepreneurship and business start-up data.
www.fabjob.com Includes FabJob Guides for a number of careers.
www.acteonline.org Site of the Association of Career and Technology Education. In the header Go to → “Career Center” or “Resource Center.”
www.aafcs.org (American Association of Family and Consumer Sciences) Information about the national organization, certification, job bank postings, student fellowships, and publications.
www.aia.org The American Institute of Architects. Go to → “Emerging Professionals” in the subheading.
www.asid.org (American Society of Interior Designers) Comprehensive information about interior design, working with interior designers, a design gallery, and a career center. ASID is where “Design comes to life.”
www.nahb.org National Association of Home Builders. Go to → “Education in the header. Go to → “Trade Training and Education.”

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<http://www.eonetwork.org/> Engaging leading entrepreneurs to learn and grow.

www.youthrules.dol.gov U.S. Department of Labor. Preparing the 21st Century Workers. Go to → “Educators.” Go to → “Youth Working in Construction” slide show.

www.ed.gov U.S. Department of Education. In the header Go to → “Students.” Provides information on careers.

www.maryville.edu (Accredited degree programs)

www.mu.edu (accredited degree programs)

www.realtormag.com (National Association of Realtors) Has a comprehensive search engine for access to articles ranging from housing styles to green building and more.

www.nahi.org National Association of Home Inspectors. Promoting excellence and professionalism in the home inspection industry.

Websites:

www.nahb.org National Association of Home Builders. Mission is to enhance the climate for housing and the building industry. One goal is providing and expanding opportunities for all consumers to have safe, decent, and affordable housing.

OTHER RELATED RESOURCES

Textbooks and Teacher Resources

Selecting the following links will transfer you to the Resources@MCCE lending library.

Homes and Interiors by Ruth Sherwood, Glencoe/McGraw-Hill, 2007.

Package includes Student Text, Teacher Annotated Edition, Student Workbook, Student Motivation Kit (Furniture Style Cards, Housing & Design Careers, Extending Learning Booklet, Floor Plans, Design Projects, Design Presentations), Teacher Resource Guide (Complete Lesson Plans, Ready-to-Use Tests and Performance Assessment Options), Effective Instruction CD-ROM (Lesson Plans in Microsoft Word, PowerPoint Slides of all 50 transparencies, Exam View Pro Test Generator), and Transparency Package of 50 transparencies.

Glencoe/McGraw-Hill

P.O. Box 543

Blacklick, OH 43004-0544

<http://www.glencoe.com/>

Toll Free: 800-334-7344

Housing Decisions by Evelyn L. Lewis and Carolyn S. Turner, Goodheart/Wilcox, 2004. MCCE call number: FCS KIT 10

Package includes Student Textbook, Teacher’s Annotated Edition, Student Activity Guide, Teacher’s Resource Guide, Teacher’s Resource Portfolio (Teacher’s Resource Guide plus color transparencies), and Teacher’s Resource CD (Teacher’s Resource Portfolio plus ExamView Test Generator Software all on one CD)

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[Residential Housing and Interiors](#) by Clois E. Kicklighter and Joan C. Kicklighter, Goodheart/Wilcox, 2005. MCCE call number: FCS KIT 11
Package includes Student Textbook, Student Activity Guide, Instructor’s Resource Portfolio (Teaching strategies, text masters, reproducible masters and color transparencies), Instructor’s Resource CD (Instructor’s Portfolio plus ExamView Test Generator software all on one CD), Power Point Presentations, and PowerPoint Demo CD.

Goodheart-Willcox Publisher
18604 West Creek Drive
Tinley Park, IL 60477-6243
<http://www.goodheartwillcox.com/>
800-323-0440

PowerPoint Presentations

Selecting the following links will transfer you to the Resources@MCCE lending library.

[Housing Styles and Trends](#), Learning Zone Express. MCCE call number: FCS CD ROM 12
PowerPoint presentation highlights 20 different housing styles from the 1500s to the latest styles. Includes a teacher’s script and 25 slides.

[Elements and Principles of Design Slide Set](#), Nasco, 2003 (WA22869XH – CD-Rom) MCCE call number: FCS CD ROM 14
Find out how the different elements and principles of design affect our senses and emotions.

[Interior Design Practices PowerPoint Presentation](#), Nasco, 2004 (WA23432H – CD-Rom) MCCE call number: FCS CD ROM 15
This 40-slide presentation will differentiate the design practices meeting individual, business, and special needs, as well as examines conservation practices affecting interior design.

[The Basics of Interior Design PowerPoint Presentation](#), Nasco, 2003 (WA23297H Cd-Rom) MCCE call number: FCS CD ROM 16
Step-by-step presentation of how to create a beautiful, comfortable home that reflects your personality and fits your budget.

[Styles of American Furniture PowerPoint Presentation](#), Nasco, 2004 (WA23759H CD-Rom) MCCE call number: FCS CD ROM 13
This presentation of over 50 examples of American furniture. Includes vocabulary, origins of styles and history and design history.

[Housing Decisions PowerPoint Presentation](#), Nasco, 2003 (WA22870H CD-Rom) MCCE call number: FCS CD ROM 17
This interactive presentation will guide students through the complex world of housing from renting versus buying and identifying priorities and needs.

[Housing Styles and Characteristics PowerPoint Presentation](#), Nasco, 2003 (WA22871H CD-Rom) MCCE call number: FCS CD ROM 18
This interactive presentation explores housing characteristics and classification of climate types.

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Learning Zone Express

<http://www.learningzonexpress.com/>

P.O. Box 1022

Owatonna, MN 55060

Toll Free: 888-455-7003

NASCO

<http://www.enasco.com/>

901 Janesville Avenue

P.O. Box 901

Fort Atkinson, WI 53538-0901

Videos

Selecting the following links will transfer you to the Resources@MCCE lending library.

[The Secret Life of Rooms](#) (2001). This video explores the true fundamentals of interior design. Color, proportion and furniture styles are the heart of interior design, but its soul lies in the relationship of people to things and spaces. This connection is called "the secret life of rooms." Learning Seed, Lake Zurich, Illinois. MCCE call number: FCS Video 195

[Inspirational CAD](#), Missouri Center for Career Education, Central Missouri State University, T&I DVD ROM 13

[The Future of Home Construction](#), Missouri Center for Career Education, TE DVD ROM 13

[Architect: Career Opportunities for Young People](#), Missouri Center for Career Education, T&I DVD ROM 20

[Impact Leadership Series](#) (1996). Participants will share positive strategies that lead to effective communication. National FFA Organization; Indianapolis, Indiana. MCCE: Ag Video 75.

[Impact Leadership Series](#) (1996). This video was developed as a teaching tool for the classroom, chapter meetings, and officer retreats. It can be used to show FFA members what it takes to lead and succeed and share the key characteristics of effective leaders. National FFA Organization; Indianapolis, Indiana. MCCE: Ag Video 79.

[Breaking the Barriers](#) (2003). This video set provides a tutorial that exposes the potential pitfalls of spoken, written, and visual communication. In addition to a wide variety of basic issues, such as talking too fast, writing imprecisely, and not paying attention, many subtle issues are also addressed, like cultural insensitivity, negative body language, bad timing, choosing the wrong medium, and jumping to conclusions. Cambridge International; Lawrenceville, New Jersey. MCCE: CD-Rom 16

[Design I – The Elements](#), Nasco, 2001, (WA21429H) videotape. MCCE call number: FCS VIDEO 140

Explore the elements of design in the usual design disciplines as well as other examples.

[Design II – The Principles](#), Nasco, 2001 (WA21430H) videotape. MCCE call number: FCS VIDEO 141

Takes students on a whirlwind tour of the natural world for a thorough grounding the principles of design.

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[What is a House?](#), Nasco, 1999 (WA40154H) videotape. MCCE call number: FCS VIDEO 143

This video explores the basic meaning of shelter and analyzes the forces that determine our housing styles and choices.

[Housing Styles](#), Nasco, 2001 (WA23464H) videotape. MCCE call number: FCS VIDEO 144. Tour a city and view examples of many housing styles.

[Introduction to Interior Design](#), Nasco, 2004, (WA23169H) videotape. MCCE call number: FCS VIDEO 142

This presentation helps students gain knowledge of the interior design profession and the different influences on the design of quality living environments.

[Why We Live Where We Live](#), Nasco, 2004 (WA23942H) videotape. MCCE call number: FCS VIDEO 145

This middle school video explores reasons why we live where we do and gives students critical thinking opportunities.

[How to Buy Quality Furniture](#), Nasco, 2000 (WA20863H) videotape. MCCE call number: FCS VIDEO 146

Furniture makers and furniture retailers share their expertise. Viewers visit a furniture factory.

[You Can Do It! Decorating](#), JCP Productions, Inc., 1995. MCCE call number: FCS VIDEO 196

This program provides hands-on instruction showing how to decorate a home for less, using affordable products.

Learning Resources

[Interior Design Lesson Plans Grades 8-12](#), Nasco, 2003 (WA23283H). MCCE call number: FCS 20.0110 L216

Explore the many facets of interior design and the design process including the elements and principles of design.

[50 Internet Lesson Ideas for Design, Housing & Fashion](#), Nasco, 2003 (WA21561H) MCCE call number: FCS 20.0110 L2165

Includes lesson ideas using the internet and includes a summary and web site addresses.

[50 Lessons Over Easy for Housing, Design, and Furnishings Classes](#), Nasco, 2004 (WA23868XH). MCCE call number: FCS 20.0110 S755

Each lesson is divided into an easy-to-use format and topics include elements and principles of design, floor plans, furnishings, and housing styles.

[Games and Activities for Housing, Design, and Furnishings Binder](#), Nasco, (WA22449H). MCCE call number: FCS 20.0110 S7559

This binder includes 50 games and activities that will motivate students and enhance the curriculum.

[Life Skills Literacy: Things to Know About Housing](#), Nasco, 2000, (WA21063H). MCCE call number: FCS 20.0110 K351

Reproducible teacher's resource includes information on special housing, shared housing, furnishing a home and more.

NASCO

<http://www.enasco.com/>

901 Janesville Avenue

P.O. Box 901

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Magazines

Creative Home

American Dream Home

Metropolitan Home

Log Home Living

Fine Homebuilding

House Beautiful Premier Homes

Mary Engelbreit's Home Companion

Better Homes and Gardens: Beautiful Homes, Window & Wall Ideas, Kitchen & Bath Ideas, 100 Decorating Ideas under \$100, and Do It Yourself

Country Style

Cottage Style

Dwell

Interior Design

Modernism

Home & Architectural Trends