

Course Title: Housing/Home Furnishing

Board Approval Date: 05/19/14

Credit / Hours: .5 credit

Course Description:

This course includes the study of the home – inside and out. Students will examine choices of housing options and interior design, including design elements. The study of furniture styles and workmanship will be included as will a study of careers within the housing industry.

Learning Activities / Modes of Assessment:

Large group instruction	Tests and Quizzes
Checklists / Teacher Observation	
Small group work	Projects with Rubrics
Computer simulations	Lab Journals / Write-ups

Instructional Resources:

Sherwood, Ruth F. *Homes Today and Tomorrow*. 6th ed. New York: Glencoe McGraw-Hill, 2002. Print.

Reputable and relevant websites such as: www.asid.org, www.acteonline.org; www.bhglive.com; www.realtor.com, www.homeadvisor.msn.com; www.livinghome.com, www.hgtv.com; www.pueblo.gsa.gov, www.buildinggreen.com; www.colormatters.com

Various videos and video links related to the units of study.

Guest Speakers from the housing industry

Course Pacing Guide

Course: **Housing/Home Furnishing**

Course Unit (Topic)	Length of Instruction (Days/Periods)
1. Homes for People	7 days
2. Architectural Design	8 days
3. Housing Decisions	9 days
4. Understanding Construction	6 days
5. Using Design	17 days
6. Planning Interior	26 days
7. Designs for Living	<u>11 days</u>
Total Days	84 Days

Topic: UNIT 1 ~ HOMES for PEOPLE

Days: 7

Subject(s):

Grade(s):

Know:	Understand:	Do:
<p>Housing is a universal need.</p> <p>Homes satisfy both physical and psychological needs.</p> <p>Housing reflects cultural views and values.</p> <p>Government influences housing and communities.</p> <p>Technology plays an increasing role in improving home construction (improving tools, energy efficiency, methods of construction, building & design materials).</p> <p>Green building techniques conserve natural resources and protect the environment.</p>	<p>Culture, societal demands, economics, climate, resources, gov't., innovation, lifestyles, and special needs all impact the face of housing through the centuries, and will continue to be influential into the future.</p> <p>As families progress through the 'family life cycle', their housing needs will change.</p> <p>The concept of 'universal design' attempts at designing homes that accommodate the needs of the greatest amount of people regardless of age, height, or physical disabilities.</p> <p>Now, and into the future builders and designers are challenged to conserve energy and natural resources.</p> <p>Housing that satisfies basic psychological needs can encourage interaction with family and friends and help people's feeling of well being.</p>	<p>3.8.10.B - Analyze how human ingenuity and technological resources satisfy specific human needs and improve the quality of life.</p> <p>7.4.9.B - Explain the impacts of people on physical systems.</p> <ul style="list-style-type: none"> • Identify several problems and opportunities that exist in your community, apply various problem-solving methods to design and evaluate possible solutions. • Analyze a recently invented item, describing the human need that prompted its invention and the current and potential social impacts of the specific invention. • Apply knowledge of oceanography, meteorology, geology and human anatomy to explain important considerations that need to be made for construction of homes, buildings and businesses in the United States. • Assess the impacts that agricultural science has had on meeting human needs and improving the quality of life. • Forces by which people modify the physical environment (e.g., increasing population; new agricultural techniques; industrial processes and pollution) • Spatial effects of activities in one region on another region (e.g., scrubbers on power plants to clean air, transportation systems such as Trans-Siberian Railroad, potential effects of fallout from nuclear power plant accidents)

Topic: UNIT 2 ~ ARCHITECTURAL DESIGN

Days: 8

Subject(s):

Grade(s):

Know:

9.2.12.A – Compact

Explain the historical, cultural and social context of an individual work in the arts.

Native American housing was influenced by culture and environment.
Wars and immigration had an affect on housing through the centuries, and still do today.
Immigrant groups in the 18th century adapted their native styles to America.
Open floor plan
Closed floor plan

Understand:

The housing styles from the 18th and 19th centuries influence modern designs today. Different styles and eras through the centuries yielded many different architectural features. Lifestyle changes are reflected in housing. The different 'zones' in a home serve different purposes. Zoning laws determine the types of buildings that may be constructed in a particular section of communities. Building codes regulate the quality of building materials and set standards of quality and safety for construction

Do:

9.2.12.A – Compact

Explain the historical, cultural and social context of an individual work in the arts.

Topic: UNIT 3 ~ HOUSING DECISIONS

Days: 9

Subject(s):

Grade(s):

Know:

11.1.9.C – Important

Delineate and assess the factors affecting the availability of housing (e.g., supply and demand, market factors, geographical location, community regulations).

Components of community services include utilities, public safety, education systems, recreation, and tax policies.

The quality of community services can vary widely and should be evaluated carefully when choosing a place to live.

Many types of housing are available.

Landlords and tenants are the two parties involved in renting a home.

A lease is a legal document a tenant signs when agreeing to rent housing for a specific period of time.

Breach of Contract
Cooperative and condominium ownership are examples of purchasing multifamily housing.

Finances are a major factor to consider when renting or buying a home.

Renters or buyers have differing initial and continual costs

Home buyers may finance their home by

Understand:

The purpose and steps in the Decision-Making Process.

Deciding to rent or buy is a personal decision that varies from individual to individual. When choosing a place to live, one must consider their housing needs, wants, and priorities.

Human and material resources influence housing decisions.

Available public services and the community itself impacts decisions in where to live.

Buying and renting have pros and cons.

Resale of value of a home is an important consideration.

Resale value is effected by the conditions, size, location, design, improvements, special features, along with taxes and assessments.

There are several steps in buying a home:
finding homes for sale, evaluating homes, making an offer, agreeing to purchase, obtaining financing, having the home inspected, obtaining homeowner's insurance, and closing the deal.

Do:

Compare and Contrast the advantages and disadvantages of renting or buying a home. Analyze costs involved in renting or buying. Assess types of home ownership. Describe a realistic housing budget.

11.1.9.C - Delineate and assess the factors affecting the availability of housing (e.g., supply and demand, market factors, geographical location, community regulations).

Topic: UNIT 3 ~ HOUSING DECISIONS

Days: 9

Subject(s):

Grade(s):

Know:

Understand:

Do:

<p>obtaining one of several types of mortgages. A mortgage contract outlines the terms of a loan between the lender and the borrower. Equity is the difference between the market value of a property and the principal owed on the mortgage. Escrow refers to money held in trust by a third party for taxes and insurance.</p>		
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Topic: UNIT 4 UNDERSTANDING CONSTRUCTION

Days: 6

Subject(s):

Grade(s):

Know:

Outdoor living areas are extensions of a home's interior that are often used for living space, relaxation, and casual entertainment. Landscaping can enhance a home and its value

Resource management is the wise use of natural resources (materials, energy)

Green building is a way to design, build, and operate homes in a way that uses our resources wisely to strive for sustainability.

Alternative energy sources include hydroelectric, nuclear, solar, geothermal, and wind power.

Use of natural building materials can be reduced by using recycled materials.

Architectural

Understand:

A site or lot influences the dwelling that sits on it.

Planning the orientation of a home would ideally allow the enjoyment of sunshine, gentle breezes, and the natural beauty of the home's surroundings.

Housing can be designed or adapted to protect the environment.

Advanced heating and cooling systems such as heat pumps, are energy-efficient choices for homes.

Do:

11.1.9.A – Important

Analyze current conservation practices and their effect on future renewable and non-renewable resources.

- Refuse
- Reduce
- Reuse
- Recycle

3.8.10.A - Analyze the relationship between societal demands and scientific and technological enterprises.

- Identify past and current tradeoffs between increased production, environmental harm and social values (e.g., increased energy needs, power plants, automobiles).
- Compare technologies that are applied and accepted differently in various cultures (e.g., factory farming, nuclear power).
- Describe and evaluate social change as a result of technological developments.
- Assess the social impacts of a specific international environmental problem by designing a solution that applies the appropriate technologies and resources.

Topic: UNIT 5 ~ USING DESIGN

Days: 17

Subject(s):

Grade(s):

Know:

Understand:

Do:

9.1.12.A – Essential

Know and use the elements and principles of each art form to create works in the arts and humanities.

- Elements
 - Dance: energy/force, space, time
 - Music: duration, intensity, pitch, timbre
 - Theatre: scenario, script/text, set design
 - Visual Arts: color, form/shape, line, space, texture, value
- Principles
 - Dance: choreography, form, genre, improvisation, style, technique
 - Music: composition, form, genre, harmony, rhythm, texture
 - Theatre: balance, collaboration, discipline, emphasis, focus, intention, movement, rhythm, style, voice
 - Visual Arts: balance, contrast, emphasis/focal point, movement/rhythm, proportion/scale, repetition, unity/harmony

Space is the 3-dimensional expanse that a designer works with.

Line delineates space, outlines, form, and conveys a sense of direction.

Various line arrangements create specific feelings.

Form can be used to achieve stability and other effects.

A good design uses forms that harmonize with one another.

Texture influences how people feel in a room.

Primary colors produce other colors on the color wheel.

Topic: UNIT 5 ~ USING DESIGN

Days: 17

Subject(s):

Grade(s):

Know:

Understand:

Do:

The color wheel is used to identify relationships between colors. Color can be used to create moods and illusions. Proportion and scale both refer to size relationships. Proportion refers mainly to relationships within an object. Scales refers mainly to relationships of one object to another. A design can use symmetrical or asymmetrical balance to create a sense of equality. Various types of rhythm suggest connected movement in a design. An item that draws attention provides a point of emphasis.

Topic: UNIT 5 ~ USING DESIGN

Days: 17

Subject(s):

Grade(s):

Know:

Understand:

Do:

<p>The five elements of design can be used with basic principles of design to ensure the success of a design space. Design elements can be used to change the mood or appearance of a space. The size of space can be changed physically or visually. To create an effective color scheme, designers must consider the use and characteristics of the room. Color can be described in terms of hue, intensity, and value. Successful design utilizes both unity and variety.</p>	<p>9.1.12.A – Essential Know and use the elements and principles of each art form to create works in the arts and humanities.</p> <p>Elements</p> <p>Dance: energy/ force, space, time</p> <p>Music: duration, intensity, pitch, timbre</p> <p>Theatre: scenario, script/text, set design</p> <p>Visual Arts: color, form/ shape, line, space, texture, value</p> <p>Principles</p> <p>Dance: choreography, form, genre, improvisation, style, technique</p> <p>Music: composition, form, genre, harmony, rhythm, texture</p>
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Topic: UNIT 5 ~ USING DESIGN

Days: 17

Subject(s):

Grade(s):

Know:

Understand:

Do:

		<p>Theatre: balance, collaboration, discipline, emphasis, focus, intention, movement, rhythm, style, voice Visual Arts: balance, contrast, emphasis/ focal point, movement/ rhythm, proportion/ scale, repetition, unity/ harmony</p>
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Topic: UNIT 6 PLANNING INTERIOR

Days: 26

Subject(s):

Grade(s):

Know:

11.2.9.D – Important

Analyze the space requirements for a specified activity to meet a given need (e.g., family room, home office, kitchen).

There are recommended steps to follow in the design process.

The design process involves taking several types of inventories.

Lifestyle plays a key role in creating a design to suit a family or individual.

A design resource file is a helpful source of ideas and inspiration.

The backgrounds of a room are an essential part of its design (floors, walls, windows, ceilings)

Some background materials reduce energy consumption in the home.

A variety of synthetic and natural fibers are used in home textiles. Resilient floor coverings are sturdy, need little maintenance, and return to their original shape after being stepped on. Decorative ceilings and molding can be used to change the apparent dimensions and the overall effectiveness of a room design.

Choosing from among the many types of

Understand:

How to use design elements and principles with a space for a desired outcome.

It is imperative to work within a budget.

Tackling projects without a plan comes with great risks.

Knowing how to analyze furniture styles can help people analyze personal tastes and choose appropriate styles for themselves.

Consumers should determine the quality of a piece of furniture before purchasing based on the joints, finishes, and upholstery.

The basic elements of upholstered furniture construction are the frame, springs, padding, cushions, and upholstery fabric.

Furniture requires proper care and repair to retain its value and usefulness. Furniture needs change throughout the stages of the life cycle.

Various daily activities require different types of lighting.

Specific light sources and fixtures meet different needs.

Accessories enhance the appearance of a room.

Do:

9.1.12.A – Essential

Know and use the elements and principles of each art form to create works in the arts and humanities.

- Elements

Dance: energy/force, space, time

Music: duration, intensity, pitch, timbre

Theatre: scenario, script/text, set design

Visual Arts: color, form/shape, line, space, texture, value

- Principles

Dance: choreography, form, genre, improvisation, style, technique

Music: composition, form, genre, harmony, rhythm, texture

Theatre: balance, collaboration, discipline, emphasis, focus, intention, movement, rhythm, style, voice

Visual Arts: balance, contrast, emphasis/focal point, movement/rhythm, proportion/scale, repetition, unity/harmony

Complete a scale drawing of a room and its furnishings

11.2.9.D - Analyze the space requirements for a specified activity to meet a given need (e.g., family room, home office, kitchen).

Topic: UNIT 6 PLANNING INTERIOR

Days: 26

Subject(s):

Grade(s):

Know:

Understand:

Do:

window coverings impacts the look of a room. Safety and purpose of lighting are two of the factors to consider when choosing lighting.		
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Topic: UNIT 7 ~ DESIGNS FOR LIVING

Days: 11

Subject(s):

Grade(s):

Know:

11.2.9.D – Important

Analyze the space requirements for a specified activity to meet a given need (e.g., family room, home office, kitchen).

Cabinets, countertops, and fixtures should be chosen with their practical aspects in mind.

Electrical outlets, lighting, and ventilation are important considerations.

Universal design features can help make kitchens, laundry areas, and bathrooms easier for everyone to use.

Daily work activities are divided into zones to help plan the arrangement of spaces/rooms.

Effective closet organization includes: cleaning it out, taking inventory, grouping similar items, and dividing space.

Health hazards caused by indoor pollutants can be monitored and possibly prevented.

The most common types of home accidents are falls, electric shock, and burns.

Specific precautions can be taken to lower the risk of accidents to children in the home.

Becoming familiar with the main causes of home

Understand:

A well designed kitchen is based on the needs of the family, has work centers for specific tasks, and is arranged efficiently.

Homeowners should research available choices before selecting appliances

Laundry rooms and bathrooms should be conveniently located.

The right equipment and arrangement of space can make work spaces more efficient.

Additional storage space can be created by using existing space more efficiently or by converting space into useful storage areas.

The more difficult it is for burglars to break into a home, the less likely they are to attempt to enter.

Following a schedule for cleaning and maintenance cuts down on repairs and helps ensure that important details are not forgotten. Efficient cleaning routines can cut the time spent doing household chores.

Doing regular preventive maintenances is less expensive and less time-consuming than dealing with major repairs.

Do:

10.3.9.A – Essential

Analyze the role of individual responsibility for safe practices and injury prevention in the home, school and community.

- modes of transportation (e.g., pedestrian, bicycle, vehicular, passenger, farm vehicle, all-terrain vehicle)
- violence prevention in school
- self-protection in the home
- self-protection in public places

11.1.9.B – Important

Explain the responsibilities associated with managing personal finances (e.g., savings, checking, credit, non-cash systems, investments, insurance).

11.2.9.D - Analyze the space requirements for a specified activity to meet a given need (e.g., family room, home office, kitchen).

Topic: UNIT 7 ~ DESIGNS FOR LIVING

Days: 11

Subject(s):

Grade(s):

Know:

Understand:

Do:

<p>fires can help you take actions to prevent them. A home can be modified to be a safe and secure place for people with special needs. Cleanliness standards vary person to person, but there are minimum guidelines for protecting health and safety.</p>		
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