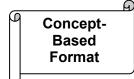


Department Supervisor:

Acceptable

Washington Township Public Schools Office of Curriculum & Instruction **Curriculum Guide Checklist**



		Course	Title: Housing and Interior Design		
			d By: Simone Scafide-Wong mentary Director or /MS/HS Dept Supervisor please check)	_ Date:	8/24/2016
eptable	Not Acceptable	N/A	Breeter of America Sopt Supervisor product entothy		Comments
•	-		Cover Page (Course Description)		
			II. Demonstrable Proficiencies (MS & HS only)		
			III. Scope & Sequence (Elementary only)		
			IV. List of Major Units of Study		
			V. (For each unit of study include the following A-E)		
			A. Unit Overview		
			B. Unit Graphic Organizer (Web)		
			C. Unit Plan		
			1. Topics/Concepts		
			Critical Content		
			3. Skill Objectives		
			Learning Activities		
			Instructional Resources with Title and Page Number		
			6. Evaluation/Assessment		
			7. Core Curriculum Standards/Cumulative Progress Indicator References		
			D. Lesson Plan Detail (Elementary Only)		
			E. Cross-Content Standards Analysis		
			D. Curriculum Modification Page Insert		
Approva	al: Principal: _		Curriculum Director:		
			Asst. Superintendent:		

Board of Education:

PLEASE NOTE: A completed and signed checklist <u>MUST</u> accompany any course of study that is submitted for approval.

Washington Township Public Schools

Office of Curriculum & Instruction

	Course: Housing and Interior Design
W	ritten By: Simone Scfide-Wong
Under the Dir	ection of: Steven Whalen
Description:	HOUSING AND INTERIOR DESIGN is a five (5) credit course open to students in grades 9-12. This course is intended to give students an understanding of housing from a design and architectural point of view. Students will begin the course by exploring housing and the universal need for shelter. The influence of history and culture on today's architectural designs will be discussed, as will 21 st century housing trends.
	The major focus of the course is on the interior use of space. Through a variety of hands-on projects students will learn and apply the principles and elements of design; from redesigning existing space to creating new space. They will develop a portfolio and practice many of the techniques designers use. Computer aided design will be used extensively throughout the course. Students will have the opportunity to solve real world problems, analyze designs, and practice higher order thinking skills through the planning, development and evaluation of design problems and solutions.
	Students interested in design are encouraged to investigate this course. This class is a prerequisite for Architectural Design Systems taught by the Technology Education Department. Students enrolled in this course are eligible to participate in the FCCLA leadership program. This course satisfies the high school practical arts requirement.
	Joseph A. Vandenberg: Assistant Superintendent for Curriculum & Instruction Barbara E. Marciano: Director of Elementary Education Jack McGee: Director of Secondary Education
	Written:
	Revised: August 2016
	POE Approval.

DEMONSTRABLE PROFICIENCIES

COURSE TITLE: Housing and Interior Design

CLASSWORK REQUIREMENTS

A. Notebooks, classwork, homework, tests, quizzes, individual and cooperative project work, written and oral reports, awareness of safety and class rules, organization, neatness and class participation

ATTITUDE & BEHAVIOR

- A. Use listening skills.
- B. Follow directions (verbal, written and teacher demonstration).
- C. Use time wisely by staying on task and pacing oneself daily.
- D. Complete assignments and projects in a timely and acceptable manner.
- E. Respect oneself and appreciate the efforts of others.
- F. Conduct oneself in a safe and prudent manner.
- G. Respect equipment and property of others.
- H. Behave in accordance with the code of the student handbook.
- I. Put forth effort, exhibit patience and perseverance.
- J. Maintain a positive attitude and good work habits.
- K. Participate in the daily maintenance and appearance of the classroom.
- L. Show pride in work.

COURSE OBJECTIVES/OVERVIEW

- A. COURSE CONTENT
 - 1. Physical and psychological needs that housing fulfills
 - 2. Cultural and societal influences on housing
 - 3. Technological advances in housing
 - 4. Understand terminology used in the design field
 - 5. Development of architectural drawings
 - 6. Design presentation
 - 7 Elements and principles of design
 - 8. Design rules and guidelines for the various areas of the home
 - 9. Use of decorative elements to create mood
 - 10. Furniture styles: past and present
 - 11. Kitchen and bath design
 - 12. Exterior design and architectural history
 - 13. Career opportunities in housing and design fields

B. SKILLS

- 1. Think critically and problem solve.
- 2. Use the decision making process.
- 3. Use technology.
- 4. Access and research information.
- 5. Practice self-management.
- 6. Communicate effectively.
- 7. Develop career awareness.

- 8. Develop employability skills.
- 9. Interpret architectural drawings.
- 10. Create original design plans.
- 11. Apply principles and elements of design.
- 12. Work safely in the class environment.
- 13. Listen effectively.
- 14. Develop note taking skills.
- 15. Produce samples of formal writing.
- 16. Perform math as related to design.
- 17. Demonstrate appropriate use of classroom equipment.

C. APPRECIATION OF CONCEPTS

- 1. Understand the importance of practicing safety procedures when using classroom equipment.
- 2. Appreciate that housing satisfies both physical and psychological needs of families and individuals.
- 3. Understand that housing affects the quality of life.
- 4. Recognize that housing needs change through the life cycle.
- 5. Understand the impact of technology on housing and the design industry.
- 6. Recognize good design.
- 7. Recognize the importance of form following function.
- 8. Understand that design must meet the needs of the person using that space.
- 9. Understand that housing and design is a very diverse field of study and offers many opportunities for employment.

ATTENDANCE

Attendance: Refer to Board of Education Policy

GRADING PROCEDURES

A. Criteria:

30% Classwork / Homework

30% Tests, Quizzes

30% Projects / Class Participation / Reports

10% Notebooks

- B. All work missed due to class absence is required to be made-up as per student handbook.
- C. Points will be deducted for late work as per class rules and guidelines.
- D. All students will maintain a notebook of activities. Notebook will serve as a portfolio of topics studied and will be collected on a regular basis.

Semester 1 Grade (S1) is calculated:

(50% of Y1)

MP1=20%. MP2= 20%.

"Mid-term"(X1) exam= 10%

Semester 2 Grade (S2) is calculated:

(50% of Y1)

MP3= 20%, MP4= 20%

Final (X2) exam = 10%

Final Grade (Y1) is calculated: S1 + S2 = Y1

MAJOR UNITS OF STUDY

Course Title: Housing and Interior Design

- I. Housing Self and Family
- II. Drafting and Design: Skills and Techniques
- III. Elements and Principles of Design
- IV. Creating Functional Space
- V. The Decorative Elements
- VI. Kitchen and Bath Design
- VII. Architecture and Exteriors
- VIII. Careers in Housing

Course Title:	Housing and Interior De	esign		
Unit #:	UNIT 1 OVERVIEW	_ Unit Title:	Housing Self and Family	

Unit Description:

Students will be introduced to the classroom, lab and supplemental equipment, safety procedures, and course expectations.

As families move through the family life cycle, they will make many housing decisions. Students will examine how housing satisfies both physical and psychological needs of the family. They will explore how culture influences our living environment, and how technology has influenced today's structures and the housing industry.

Enduring Understandings/Generalizations

Students will understand that:

- 1. Housing satisfies many needs of individuals and families.
- 2. As a person moves through the family life cycle, their housing needs change.
- 3. Changing family structures and roles are factors that affect housing choices.
- 4. The goal of universal design is to make housing functional for all, regardless of physical abilities.
- 5. Technology is helping to create more useful and efficient features and systems in the home.

- 1. How does housing help meet people's physical and psychological needs?
- 2. Why do housing needs tend to vary during the course of the family life cycle?
- 3. What societal changes have influenced housing in America?
- 4. What are some examples of smart home technology?

Course Title/Grade:	Housing and Interior Design	Core Content Standards & Cumulative Progress Indicators
Unit Number/Title:	I. Housing Self and Family	
Conceptual Lens:		SEE CROSS
Appropriate Time Allocation:	3 Week(s)	CONTENT STANDARD ANALYSIS

Topics/Concepts (Appropriate Time Allocation)	Critical Content (Students Will Know:)	Skill Objectives (Students Will Be Able To:)	Learning Activities & Instructional Resources	Evaluation/ Assessment	CCS/ CPI
1. Course Introduction	A. Course Overview B. Class Rules C. Safety Procedures D. Specialty Equipment	List rules of safe conduct in the classroom. Identify different tools and equipment that will be used during year. Follow emergency evacuation procedures. Safely use classroom equipment.	Read and discuss classroom rules and procedures. Demonstrate proper use of classroom tools and equipment. Identify fire safety equipment; how and when it's used. Students will complete checklist of safe and unsafe classroom practices.	Classwork: -Chap. 1 -Chap. 2 -Chap. 3 -Home Hunter Test: -Safety -Housing and Human Needs	
2. The Need for Housing	A. Physical B. Psychological C. Through the Lifespan 1. Family Life Cycle 2. Universal Design	Define housing and briefly describe how it has evolved. Analyze the basic physical and psychological needs that housing satisfies. Compare and contrast housing needs among people of different ages and life stages. Assess the importance of building homes following the concept of universal design.	2. Read Homes and Interiors chapter 1 and complete related worksheets. Discuss. Word Association Activity: Given term "home", students to give first word to come to mind. Write on board. Follow up with discussion on how home means different things to different people. Home Hunter Activity: Match homes to family based upon lifestyle, type and size of family, and stage in the family life cycle.	Notebook Observation of proper use of specialty equipment Observation of group cooperation and interaction Rubric for Research Activities and Reports	

Topics/Concepts (Appropriate Time Allocation)	Critical Content (Students Will Know:)	Skill Objectives (Students Will Be Able To:)	Learning Activities & Instructional Resources	Evaluation/ Assessment	CCS/ CPI
3. Culture and Society	A. Types of Families B. Cultural Views and Values C. Societal Influences	3. List and describe the different type of family structures. Discuss how housing reflects cultural views and values. Identify social trends that affect housing. Compare and contrast city living and country living.	Discuss universal design concepts and specific design modifications. 3. Read Homes and Interiors chapter 2 and complete related worksheets. Discuss. Dept video on cultural influences on housing. PowerPoint presentation of homes from different parts of the world. Students to guess where home might be located. Discussion on homes and lifestyles. Ask students where they would like to live and why.	Participation in class discussions	
4. Housing and Technology	A. Smart House Technology	4. Evaluate the role of technology in homes today. List types of smart home technology.	4. Read Homes and Interiors chapter 3 (pgs. 71-75) and complete related worksheets. Discuss. Students to identify examples of smart home technology found in their homes. Make predictions of future home technology. Other related activities as appropriate: Department videos, textbook and teacher made worksheets, lecture/discussion, PowerPoint presentations, internet research activities, computer activities, guest speakers, projects.		

Course Title:	Housing and Interior De	esign	
Unit #:	UNIT 2 OVERVIEW	_ Unit Title:	Drafting and Design: Skills and Techniques

Unit Description:

To be successful in the design field, one must learn the language of design, learn how to create accurate drawings, and be sensitive to the needs of the client. These topics will be addressed in this unit as the students learn how to determine area and scale, interpret and use architectural symbols, use measuring devices and design tools, and create architectural drawings. Students will fine-tune these skills as the year progresses as demonstrated by the completion of a variety of design projects. They will practice different presentation methods, learn computer design, and will incorporate theory from other units of study into their design presentations.

Enduring Understandings/Generalizations

Students will understand that:

- 1. The designer needs to develop many skills to create accurate and functional plans.
- 2. The designer needs to learn the language of design.
- 3. The designer must understand the needs of the client and solve real world problems.
- 4. Computers and specialized software have greatly impacted the planning and design of modern homes.

- 1. Why is it important to understand the mathematics of design?
- 2. Why is the need for accuracy so important?
- 3. What are several types of drawings used in design?
- 4. What is the process a designer follows when developing a design solution?
- 5. What are several presentation methods available to a designer to help their client visualize the finished product?
- 6. What makes the computer such a valuable tool for clients, customers, and designers?

Course Title/Grade:	Housing and Interior Design	Core Content Standards & Cumulative Progress Indicators
Unit Number/Title:	II. Drafting and Design: Skills and Techniques	
Conceptual Lens:		
Appropriate Time Allocation:	<u>16</u> Week(s)	SEE CROSS CONTENT STANDARD ANALYSIS

Topics/Concepts (Appropriate Time Allocation)	Critical Content (Students Will Know:)	Skill Objectives (Students Will Be Able To:)	Learning Activities & Instructional Resources	Evaluation/ Assessment	CCS/ CPI
1. Area and Scale	A. The Importance of Accuracy B. Finding Area C. Drawing to Scale	1. Measure to within 1/8th of an inch using standard measurements. Explain the importance of accurate measuring in the design field. Calculate area of rectangles, triangles and multisided figures. Given area, reverse operation and determine various length and width measurements. Identify tools of design. Describe how and why the architect scale is used.	1. Measuring Hunt Activity: Using a variety of tools, measure 10 items located around school. Evaluate for ease of use and accuracy. Practice using standard ruler and measurements. After demonstration, complete teacher made materials on: -finding area -drawing to scale -using architect scale Measure real space (in students' homes). Measure room, placement of architectural features and furnishings. Determine area.	Classwork: -Measuring Hunt -Architectural Scale Practice -Finding Area -Drawing to Scale -Architectural Symbols -Types of Drawings -Developing Design -Elevation Practice -Computer Tutorial Homework: -Bedroom Measurements -Kitchen Measurements Test: -Design Basics Notebook	

Topics/Concepts (Appropriate Time Allocation)	Critical Content (Students Will Know:)	Skill Objectives (Students Will Be Able To:)	Learning Activities & Instructional Resources	Evaluation/ Assessment	CCS/ CPI
2. Language of Design	A. Alphabet of Lines B. Architectural Symbols C. Using Templates	2. Describe and interpret the information shown on architectural drawings, explain their importance. Use proper lines and symbols on design presentations. Use scale templates to represent both architectural features and temporary items in room design.	2. Read Homes and Interiors (pg. 222) and complete related worksheets. Discuss. Match architectural symbols to their meaning. Draw and label window symbols. Draw and label door symbols. Create and use templates for space planning.	Project Rubrics: -Intro Project -Personal Space Project -Sample Board Project -Kitchen Redesign -Condo Project Observation of proper use of specialty equipment Observation of group cooperation and interaction	
3. Types of Drawings	A. Floor Plans B. Elevations C. Perspective Drawings 1. pictorial 2. renderings D. Computer Aided Design	3. Define and draw floor and elevation plans at ½" scale. Use templates to represent items in floor plan. Create functional space following design guidelines. Identify types of perspective drawings. Compare and contrast different types and methods of presentation drawings. Use rendering techniques to enhance drawings and presentations.	3. Read Homes and Interiors (pgs. 472-475, 480-483) and complete related worksheets. Discuss. Presentation of types of architectural drawings. Teacher demonstration - drawing floor plans using architectural scale and graph paper. Teacher demonstration - drawing elevations using architectural scale and graph paper. Teacher demonstration - adding color to design solutions. Teacher demonstration - computer design. Show 3D capabilities.	Participation in class discussions	

Topics/Concepts (Appropriate Time Allocation)	Critical Content (Students Will Know:)	Skill Objectives (Students Will Be Able To:)	Learning Activities & Instructional Resources	Evaluation/ Assessment	CCS/ CPI
		Explain how computer technology has changed the world of design. Use computer design software.	Complete computer tutorial. Create original floor plan designs using computer technology.		
4. Developing Design Plans	A. Identify Problem B. Assess Client Characteristics C. Analyze the Environment D. Develop a Budget E. Create Design Resource File F. Plan Use of Space G. Choose Style and Color scheme H. Select Backgrounds I. Present the Design J. Implement the Design	4. List the steps in developing a design plan. Explain how to assess client needs. Complete scale drawing of room and contents. Gather design resources. Arrange space following design guidelines. Select style, color and background elements. Complete design solution.	4. Read Homes and Interiors (pg. 446-487). Discuss. View videos showing the design process. Take notes. Discuss. Practice design development through implementation of design projects: Students to draw a variety of floor plans using architect's scale and graph paper to solve given design problems. Students to use computer technology to solve given design problems.		
5. Design Presentations	A. Sample Boards B. Computer Presentations C. Models D. Other	5. Explain the importance of creating visual representations of design concepts. Explain how presentation methods can help the design professional communicate design ideas.	5. Read Homes and Interiors (pg. 483-486). Discuss. Demonstrate understanding of floor plan techniques through project development and design. Demonstrate understanding of computer software through project development and design.		

Topics/Concepts (Appropriate Time Allocation)	Critical Content (Students Will Know:)	Skill Objectives (Students Will Be Able To:)	Learning Activities & Instructional Resources	Evaluation/ Assessment	CCS/ CPI
		Identify three types of design presentations. Use a variety of design presentation methods to communicate ideas. Given design problems, create original floor plans and elevations using hand drawing techniques. Given design problems, create original floor plans and elevations using computer aided design software. Critique floor plans for function and originality. Justify design solutions.	Design projects will reinforce drawing techniques, design guidelines, and the elements and principles of design. Concepts learned in other units will also be used to complete design presentations. Design presentations will include, but not necessarily be limited to: Introductory Project Personal Space Project Sample Board Kitchen Remodel (CAD) Condo Project		
			Other related activities as appropriate: Department videos, textbook and teacher made worksheets, lecture/discussion, PowerPoint presentations, internet research activities, computer activities, guest speakers, projects.		

Course Title:	Housing and Interior De	Housing and Interior Design						
Unit #:	UNIT 3 OVERVIEW	_ Unit Title:	Elements and Principles of Design					

Unit Description:

The guidelines used by designers to create pleasing, orderly designs are called the principles and elements of design. They provide a general road map to follow to insure success and create pleasing, comfortable, environments. Students will be introduced to the principles and elements of design and will learn how to use them to create the desired affect.

Color, the most important element of design, deserves special attention. Students will explore the use of color in design. They will create a color wheel, learn how to develop and use color schemes, and apply color in design presentations.

Enduring Understandings/Generalizations

Students will understand that:

- 1. The study of design focuses on three main areas; element, principles, and goals.
- 2. The principles or design are guidelines to follow when working with the elements of design.
- 3. Proper application of the elements and principles of design will help to achieve the three goals of design.
- 4. Color is the most exciting tool the designer can use.
- 5. Color influences human behavior and perception.
- 6. The color wheel is the most common tool for understanding color relationships in design.
- 7. The principles and observations of nature should generally guide color decisions.

- 1. What guidelines should be followed when using the five elements of design?
- 2. What are the three goals of design?
- 3. In design, what is meant by form follows function?
- 4. What primary colors serve as the basis for the Brewster color system?
- 5. How are color schemes developed?
- 6. How does color affect mood?
- 7. What are the psychological responses to the different hues of the color wheel?

Course Title/Grade:	Housing and Interior Design		Core Content Standards & Cumulative Progress Indicator		
Unit Number/Title:	III. Elements and	Principles of Design	SEE CROSS CONTENT STANDARD ANALYSIS		
Conceptual Lens:					
Appropriate Time Allocation:	4	Week(s)			

Topics/Concepts (Appropriate Time Allocation)	Critical Content (Students Will Know:)	Skill Objectives (Students Will Be Able To:)	Learning Activities & Instructional Resources	Evaluation/ Assessment	CCS/ CPI
1. Elements of Design	A. Space B. Line C. Form D. Texture E. Color	1. Summarize the elements of good design and explain why they are useful. Suggest strategies for changing the apparent size of space. Demonstrate ways to use lines to create specific effects. Analyze the effects created by forms and shapes. Explain why color is the most significant element of design.	1. Read Homes and Interiors chapter 17 and complete related worksheets. Discuss. Dept video: Eye for Design - teacher dictated notes. Complete activity using magazines or on-line resources identifying the use of elements and principles of design in interiors spaces. Research examples of optical illusions. Share with class. Correlate optical illusions with goals of interior design. Demonstrate how light and dark colors affect illusion of space. Create visual example. Discuss form follows function.	Classwork: -Chapter 17 -Video notes -Elements and Principles -Chapter 18 -Balance ActChapter 19 Test: -Elements and Principles of Design -Color Notebook Rubric for Writing Activities Rubric for Research Activities and Reports Project Rubrics: -Color Portfolio	

Topics/Concepts (Appropriate Time Allocation)	Critical Content (Students Will Know:)	Skill Objectives (Students Will Be Able To:)	Learning Activities & Instructional Resources	Evaluation/ Assessment	CCS/ CPI
2. Color in Design	A. Characteristics and Qualities B. Color Wheel C. Color Schemes D. Psychological Effects of Color	2. Define color terms. Identify warm and cool colors. Analyze how color can be used to create moods and illusions. Explain how primary colors are used to produce other colors on the color wheel. Describe the effects of intensity and value on various hues. Identify the different color schemes and their characteristics. Apply use of color. Create color schemes in a variety of designs.	2. Read Homes and Interiors chapter 18 and complete related worksheets. Discuss. Create a color portfolio. Portfolio to include: -color wheel -color schemes -color maze -samples of color harmonies -samples of use of neutrals -samples of color moods	Observation of proper use of specialty equipment Observation of group cooperation and interaction Interaction with guest speakers	
3. Principles of Design	A. Proportion B. Scale C. Balance D. Rhythm E. Emphasis F. Unity and Variety	3. Identify the principles of design. Analyze ways that proportion is used in effective design.	Read <u>Homes and Interiors</u> chapter 19 and complete related worksheets. Discuss. Create a graphic organizer of principles of design.		

Topics/Concepts (Appropriate Time Allocation)	Critical Content (Students Will Know:)	Skill Objectives (Students Will Be Able To:)	Learning Activities & Instructional Resources	Evaluation/ Assessment	CCS/ CPI
		Compare and contrast formal and informal balance. Explain ways to achieve various types of rhythm. Demonstrate emphasis and focal point. Asses the importance of balancing unity with variety.	Complete a sequence of numbers based upon the golden mean. Practice using the golden mean to divide space. Create examples of formal and informal balance.		
			Other related activities as appropriate: Department videos, textbook and teacher made worksheets, lecture/discussion, PowerPoint presentations, internet research activities, computer activities, guest speakers, projects.		

Course Title:	Housing and Interior Design					
Unit #:	UNIT 4 OVERVIEW	_ Unit Title:	Creating Functional Space			

Unit Description:

A functional room arrangement is one in which the space meets the needs of its occupants. A designer reviews the purpose of the room, considers the features of the room, and follows the design guidelines when creating living space. Students will study those requirements for designing the different areas of the home; such as living and dining space, sleeping space, and multi-purpose rooms. Universal housing guidelines will also be addressed. Theory will be put into practice through the integration of those guidelines into a variety of design projects that the students will complete throughout the year.

Enduring Understandings/Generalizations

Students will understand that:

- 1. A room must function for its desired purpose.
- 2. Guidelines need to be considered when planning functional space.
- 3. Rooms can be designed for specific purposes or be multifunctional.
- 4. Universal design addresses the needs of those with physical limitations. Universal design can be pleasing to all.

- 1. What are several functions that a living room will serve?
- 2. What is a conversation area?
- 3. What guidelines need to be considered when planning dining space?
- 4. How can a bedroom be designed to be functional and appropriate?
- 5. How can rooms be used for a variety or purposes?
- 6. Why is it important to understand the need for universal design?
- 7. How can universal design be incorporated into design plans?

Course Title/Grade:	Housing and Interior Design		Core Content Standards & Cumulative Progress Indicators			
Unit Number/Title:	IV. Creating Fu	nctional Space				
Conceptual Lens: Appropriate Time Allocation:	<u>3</u>	Week(s)	SEE CROSS CONTENT STANDARD			

Topics/Concepts (Appropriate Time Allocation)	Critical Content (Students Will Know:)	Skill Objectives (Students Will Be Able To:)	Learning Activities & Instructional Resources	Evaluation/ Assessment	CCS/ CPI
1. Designing Living Space	A. Functions of Room B. Design Guidelines for Living Rooms	List the functions and activities that occur in the living areas of the home. Identify factors to consider when arranging living and family space. Describe the purpose and importance of the conversation area. Plan functional arrangements for living	1. Read supplemental text (Residential Housing pgs. 41-45). Complete worksheets. Discuss. Reference pg. 470 in Homes and Interiors. Develop a list of guidelines for arranging living room furniture. Determine proper distance to place a TV from seating area. (3X size of screen). Critique living room and family room plans for function and appropriateness.	Classwork: -Guidelines for Living Spaces -TV Math Notebook Rubric for Research Activities and Reports Project Rubrics -Redesigning Personal Space	
		areas.	Develop plans for living spaces.	Observation of proper use of specialty equipment	
				Observation of group cooperation and interaction	
2. Designing Dining Areas	A. Functions of Room B. Design Guidelines for Dining Areas	2. List the activities that occur in the dining areas of the home.	2. Reference supplemental text (Residential Housing pgs. 46-48). Discuss.	Interaction with guest speakers	
		Create a reference sheet	Reference pg. 470 in Homes and		

Topics/Concepts (Appropriate Time Allocation)	Critical Content (Students Will Know:)	Skill Objectives (Students Will Be Able To:)	Learning Activities & Instructional Resources	Evaluation/ Assessment	CCS/ CPI
		for seating clearances around tables. Plan functional arrangements for dining areas.	Interiors. Develop a list of guidelines for arranging dining room furniture. Create floor plans for dining spaces. Determine table requirements needed for family.		
3. Designing Bedroom Space	A. Design Guidelines for Sleeping Areas 1. Master Bedrooms 2. Child Bedrooms	3. Create a list of guidelines for bedroom design. List clearances needed for proper circulation around bed and other furniture. Compare and contrast the furniture needs of single people, couples, or children. Plan functional arrangements for bedrooms.	3. Reference supplemental text (Residential Housing pgs. 55-60). Discuss. Reference pg. 471 in Homes and Interiors. Introduction to Design Project: Students will be given the same floor plan but will randomly draw 4 different clients. They will create a floor plan based upon the needs of the client. Students will critique each other's plans. Personal Space Project: Measure bedroom Measure furniture Create before and after floor plans suing same or different furniture. Justify design.		
4. Designing Multipurpose	A. Home Office	4. Identify and list how	4. Use internet to research types		

Topics/Concepts (Appropriate Time Allocation)	Critical Content (Students Will Know:)	Skill Objectives (Students Will Be Able To:)	Learning Activities & Instructional Resources	Evaluation/ Assessment	CCS/ CPI
Rooms	B. Den C. Hobby Room D. Media Room	rooms can serve a variety of functions. Discuss the pros and cons of using space for these purposes. Conclude and support how well floor plans meet the principles of design and how well they function for their purpose.	Other related activities as appropriate: Department videos, textbook and teacher made worksheets, lecture/discussion, PowerPoint presentations, internet research activities, computer activities, guest speakers, projects.		

Course Title:	Housing and Interior Design					
Unit #:	UNIT 5 OVERVIEW	Unit Title:	The Decorative Elements			

Unit Description:

Floors, walls, and ceilings create interior backgrounds for furnishings and accessories in rooms. How they are treated help to determine the total look of the room and create the desired mood. This unit will address the decorative aspects of design as students are introduced to structural finishes, decorative backgrounds, furniture style and construction, and lighting and accessories. Students will experiment with their impact on room design by incorporating these elements into various project work.

Enduring Understandings/Generalizations

Students will understand that:

- 1. Floors, walls, and ceilings all serve as backgrounds for the furnishings and accessories in a room.
- 2. Interior backgrounds will last for several years and involve considerable cost. You will want to select treatments to set the stage for the furnishings and accessories that follow.
- 3. Choosing furniture styles is a matter of taste, or personal preference. Learning about style will help you use furniture to its best design advantage.
- 4. Furniture should be safe and durable. Understanding how furniture is constructed will help you choose the highest-quality furniture for the money.
- 5. Some final steps for furnishing a room are selecting lighting and accessories. You need to continue to use the elements and principles of design as you add the finishing touches.

- 1. What are backgrounds and why are they important?
- 2. What factors should be considered when determining whether a wall treatment is appropriate for a room?
- 3. What wall treatments can make a small room appear larger?
- 4. How can floor treatments affect a room's appearance?
- 5. What are the uses and characteristics of various window treatments?
- 6. How does the selection of furniture style contribute to the overall appearance of the room?
- 7. Why do homes need both general and local lighting?
- 8. How do accessories complete the room?

Course Title/Grade:	Housing and Inte	erior Design	Core Content Standards & Cumulative Pro	ogress Indicators
Unit Number/Title:	V. The Decorati	ve Elements		
Conceptual Lens: Appropriate Time Allocation:			SEE CROSS CONTENT STANDARD	
	3	Week(s)	ANAL VSIS	

Topics/Concepts (Appropriate Time Allocation)	Critical Content (Students Will Know:)	Skill Objectives (Students Will Be Able To:)	Learning Activities & Instructional Resources	Evaluation/ Assessment	CCS/ CPI
1. Choosing Structural Finishes	A. Walls B. Ceilings C. Floors	Evaluate options for interior finishes for walls, ceilings and floors. List 6 types of wall finishes and identify how and where they can be used. Identify various ceiling treatments.	Read Homes and Interiors chapter 11 (pgs. 262-266). Complete related worksheets. Discuss. Use internet or decorative magazines to research examples of structural finishes. View examples of types of finishes. Select finishes to be used in various	Classwork: -Chapter 11 -Chapter 24 -Chapter 26 -Finishes Activity Tests: -Backgrounds	
2. Choosing Backgrounds	A. Color B. Textiles	Compare and contrast floor finishes 2. Explain what backgrounds are and why	Project work. 2. Read <u>Homes and Interiors</u> chapter 24 and complete related worksheets.	Notebook Rubric for Writing Activities	
	C. Floor Coverings D. Wall Coverings E. Window Treatments	they are important. Assess the characteristics of various home textiles.	Discuss. Create a list of pros and cons of various backgrounds to be used in interiors.	Rubric for Research Activities and Reports	
		Compare and contrast characteristics and uses of floor coverings.	Select backgrounds to be used in various project work.	Project Rubrics Observation of proper	
		Compare and contrast wall and window treatments.	View various videos on decorative elements.	use of specialty equipment	

Topics/Concepts (Appropriate Time Allocation)	Critical Content (Students Will Know:)	Skill Objectives (Students Will Be Able To:)	Learning Activities & Instructional Resources	Evaluation/ Assessment	CCS/ CPI
3. Choosing Furniture	A. Styles B. Construction	3. Identify factors that influence changes in furniture design. Compare and contrast formal and informal furniture styles. Describe the types of furniture choices available to today's buyer. Differentiate between softwoods and hardwoods.	3. Read Homes and Interiors chapter 26 and complete related worksheets. Discuss. PowerPoint presentation of various styles of furniture. Identify the basic differences between colonial, traditional and modern furniture styles. Using magazines, match examples of furniture to their basic style. View examples of furniture joints.	Observation of group cooperation and interaction	
Choosing Lighting and Accessories	A. Lighting B. Accessories	Compare and contrast strong and weak furniture joints. Define and describe case goods and upholstered furniture. 4. Identify the different types of lighting.	4. Read <u>Homes and Interiors</u> chapter 27 and complete related worksheets. Discuss.		
		Explain the functions of the different types of lighting. Suggest ways to use accessories to personalize an interior.	Use accessories and lighting in various projects. Other related activities as appropriate: Department videos, textbook and teacher made worksheets, lecture/discussion, PowerPoint presentations, internet research activities, computer activities, guest speakers, projects.		

Course Title:	Housing and Interior Design

Unit #: UNIT 6 OVERVIEW Unit Title: Kitchen and Bath Design

Unit Description:

Designing kitchen and bath spaces present their own set of challenges and rules. The layout must be functional, pleasing and efficient. Students will plan and develop kitchen space based upon the principles of kitchen design. They will critique the different layouts for function, discuss the uses of the modern day kitchen, and create a design plan. Students will also plan laundry and bath space for modern homes and families.

The cost of appliances adds a major expense to any kitchen or laundry room project. Students will investigate options for appliances, discuss features, and understand that new technologies provide the consumer with more options than ever before, and make home appliances more efficient.

Enduring Understandings/Generalizations

Students will understand that:

- 1. A well-designed kitchen is based upon the needs of the home's occupants, has work centers for various tasks, and is arranged efficiently.
- 2. Both practical factors and appearance should be considered when choosing cabinets, counters, and fixtures.
- 3. Universal design features can make kitchens, laundry areas and bathrooms suitable for people of all ages and abilities.
- 4. Before choosing major appliances, a consumer should thoroughly research all options.

- 1. What is the work triangle, and what principles should be followed in designing one?
- 2. What kitchen design element is typically chosen before others?
- 3. What factors are important when buying major appliances?
- 4. What three requirements must be met by a laundry area?
- 5. What are two features of universal design that can be used in both kitchens and laundry rooms?

Course Title/Grade:	Housing and Interior Design		Core Content Standards & Cumulative Progress Indicators		
Unit Number/Title:	VI. Kitchen and	Bath Design			
Conceptual Lens: Appropriate Time Allocation:	<u>3</u>	Week(s)	SEE CROSS CONTENT STANDARD ANALYSIS		

Topics/Concepts (Appropriate Time Allocation)	Critical Content (Students Will Know:)	Skill Objectives (Students Will Be Able To:)	Learning Activities & Instructional Resources	Evaluation/ Assessment	CCS/ CPI
1. Planning Kitchens	A. Work Centers B. The Work Triangle C. Kitchen Layouts D. Cabinets and Fixtures E. Universal Design	1. Explain the basic principles of kitchen design. Compare and contrast the 6 layouts for kitchen design. Identify various options for kitchen countertops. Design a functional kitchen following design guidelines. Defend design. Identify ways to incorporate universal design features in the kitchen.	1. Read Homes and Interiors chapter 22. Complete related worksheets. Discuss. Draw examples of the basic kitchen layouts. Complete kitchen design project: Remodel a kitchen to meet needs of given client. Students will plan space, calculate square footage, and complete a portfolio of their work. The final project will be completed using a CAD program. Students will justify their design. Research universal design on the internet. Report findings to class.	Classwork: -Chapter 22 -Internet Act: Appliance Research -Appliance Maze -Kitchen Floor Plans -Green Kitchen Homework: -Kitchen Investigation Test: -Kitchen Design Notebook Project Rubric: -Kitchen Design Project Observation of proper use of specialty equipment	

Topics/Concepts (Appropriate Time Allocation)	Critical Content (Students Will Know:)	Skill Objectives (Students Will Be Able To:)	Learning Activities & Instructional Resources	Evaluation/ Assessment	CCS/ CPI
2. Choosing Major Appliances	A. Refrigerators and Ranges, Cooktops and Ovens B. Dishwashers C. Laundry Appliances	Identify various styles of appliances that can be purchased. Compare and contrast appliance features.	Using internet, research consumer information on appliances. Report findings to class.	Observation of group cooperation and interaction Interaction with guest speakers	
3. Planning Laundry Areas	A. Location B. Planning for Efficiency	3. Identify ways to incorporate universal design features in laundry rooms. Compare and contrast laundry room locations. Plan functional laundry facilities.	Discuss various locations for laundry facilities. Research designs for laundry facilities. Design laundry facilities.		
4. Planning Bathrooms	A. Location and Size B. Fixtures and Cabinets	4. Identify ways to incorporate universal design features in bathrooms. Create a functional bath following principles of design and clearance requirements.	4. Research designs for bathrooms. Design bathroom facilities. Other related activities as appropriate: Department videos, textbook and teacher made worksheets, lecture/discussion, PowerPoint presentations, internet research activities, computer activities, guest speakers, projects.		

Course Title:	Housing and Interior De	Housing and Interior Design				
Unit #:	UNIT 7 OVERVIEW	_ Unit Title:	Architecture and Exteriors			

Unit Description:

Many factors have influenced home design in North America. Not only the environment, but history, politics, economics, and social conditions of the country have all played roles. Because of technology and the needs of the aging population, housing continues to evolve. Students will become familiar with designs of the past and how they have influenced today's architecture. They will also explore how designers and architects are addressing social trends and lifestyle changes in American society.

Enduring Understandings/Generalizations

Students will understand that:

- 1. Historical events affected housing in the past and continue to do so today.
- 2. During recent years, architects have adapted traditional housing styles and developed new housing forms.
- 3. Technology is changing how homes are constructed and will continue to do so in the future.

- 1. How have other cultures influenced housing designs in North America?
- 2. How is housing design influenced by the climate and geography of the area?
- 3. How have housing styles changed as we have progressed from the 18th, to the 19th, to the 20th centuries?
- 4. What is SMART HOUSE technology?
- 5. How might future technologies influence architecture and housing?

Course Title/Grade:	Housing and Interior Design	Core Content Standards & Cumulative Progress Indicators		
Unit Number/Title:	VII. Architecture and Exteriors			
Conceptual Lens: Appropriate Time Allocation:	2 Week(s)	SEE CROSS CONTENT STANDARD ANALYSIS		

Topics/Concepts (Appropriate Time Allocation)	Critical Content (Students Will Know:)	Skill Objectives (Students Will Be Able To:)	Learning Activities & Instructional Resources	Evaluation/ Assessment	CCS/ CPI
1. Early Home Styles	A. English Influence B. German and Dutch Influence C. Spanish Influence D. Swedish Influence	Describe the structural features of homes derived from early settlers of the United States.	Read <u>Homes and Interiors</u> chapter 14 and complete related worksheets. Discuss.	Classwork: -Chapter 14 -Chapter 15	
		Recognize the influence various cultures have had on our housing	Department video: American Houses: A Guide to Architectural Styles	Homework: Neighborhood Investigation	
		design.		Test: Housing Styles	
				Notebook	
2. Period Housing Styles	A. 18 th Century B. 19 th Century	2. Compare and contrast housing styles of the 18 th century.	Read <u>Homes and Interiors</u> chapter 15 and complete related worksheets.	Rubric for Writing Activity: House of the Future	
		Compare and contrast housing styles of the 19 th	Discuss. Department Video: Bob Villa's	Rubric for Research Activities and Reports	
		century.	Guide to Historical Houses PowerPoint presentation of	Observation of proper use of specialty equipment	
			housing styles	Observation of group cooperation and interaction	

Topics/Concepts (Appropriate Time Allocation)	Critical Content (Students Will Know:)	Skill Objectives (Students Will Be Able To:)	Learning Activities & Instructional Resources	Evaluation/ Assessment	CCS/ CPI
3. Modern Styles	A. 20 th Century B. Unique Designs C. Future Trends	3. Evaluate historical events that influenced 20th century design. Identify various styles of the early and mid 20th centuries. Analyze the unique housing designs of the late 20th and early 21st century. Predict the house of the future.	Other related activities as appropriate: Department videos, textbook and teacher made worksheets, lecture/ discussion, PowerPoint presentations, internet research activities, computer activities, guest speakers, projects.		

Course Title:	Housing and Interior Design				
Unit #:	UNIT 8 OVERVIEW	_ Unit Title:	Careers in Housing		
Unit Description:					

Career opportunities in the housing field are widespread. They range from entry-level positions to professional opportunities, as well as entrepreneurial possibilities. Students will examine their interests, aptitudes and abilities, and will investigate careers within this cluster.

Enduring Understandings/Generalizations

Students will understand that:

- 1. There are many career options for someone interested in the housing and design industry.
- 2. A person is more likely to thrive in a career that matches his or her interests, aptitudes, and abilities.
- 3. The greater understanding you have of your career options, the more likely it is you will choose a career in which you can experience personal and professional success.

- 1. What factors influence career decisions?
- 2. What personal qualities are essential for professional careers?
- 3. What are some resources for career investigation?
- 4. What are several career choices for a person interested in the housing and design industry?

Course Title/Grade:	Housing and Int	erior Design	Core Content Standards & Cumulative Progress Indic		
Unit Number/Title:	VIII. Careers in Housing				
Conceptual Lens: Appropriate Time Allocation:	<u>2</u>	Week(s)	SEE CROSS CONTENT STANDARD		

Topics/Concepts (Appropriate Time Allocation)	Critical Content (Students Will Know:)	Skill Objectives (Students Will Be Able To:)	Learning Activities & Instructional Resources	Evaluation/ Assessment	CCS/ CPI
Understanding Career Options	A. Job Levels 1. Entry-Level 2. Technical 3. Professional	Describe three different ways to gain work experience.	Read <u>Homes and Interiors</u> chapter 4 and complete related worksheets. Discuss.	Classwork: -Chapter 4	
	B. Entrepreneurs	List the three levels of jobs and educational requirements.	Ask students to share their personal experiences with work.	Notebook	
		Identify factors to consider when evaluating careers.	List on board and discuss professional qualities needed for job success.	Rubric for Writing Activities	
		Differentiate between interests, aptitudes and abilities.	Create a list of vocabulary terms and definitions related to careers.	Rubric for Research Activity and Report: -What's My Line	
		Explain the relationship between a career goal and a career path.		Observation of proper use of specialty equipment	
		Define entrepreneur and list entrepreneurial opportunities related to housing and design.		Observation of group cooperation and interaction	
				Interaction with guest speakers	
2. Researching		2. Identify sources of	2. Discuss and record on board a		

Topics/Concepts (Appropriate Time Allocation)	Critical Content (Students Will Know:)	Skill Objectives (Students Will Be Able To:)	Learning Activities & Instructional Resources	Evaluation/ Assessment	CCS/ CPI
Opportunities	A. Sources of Career Information	Prepare a resource file of housing career opportunities. Prepare and present a summary of careers related to housing and design. Identify types of information to be included in a portfolio. Critique their work for inclusion in portfolio.	variety of career goals and the path to follow to reach each. Use Bridges to research careers associated with housing and design; or visit IMC and research career information using Occupational Outlook Handbook. Use newspapers or internet to gather a collection of advertisements for jobs that involve housing or design. Create a list of the skills required for each job. What's My Line Career Activity: After completing research, select a job, identify the job level, determine educational requirements and list work responsibilities. Present information to class.		
			Other related activities as appropriate: Department videos, textbook and teacher made worksheets, lecture / discussion, PowerPoint presentations, internet research activities, computer activities, guest speakers, projects.		

Cross-Content Standards Analysis

Course Title: HOUSING AND INTERIOR DESIGN Grade: 9-12

Unit Title:	Visual and Performing Arts	Comp. Health & Physical Ed.	Language Arts Literacy	Mathematics	Science	Social Studies	World Languages	Tech Literacy	Career Education/ Consumer, Family, & Life Skills
I. Housing Self and Family		2.4.12A.1	Gr.11-12, RST1,3,4,8,10 Gr. 11-12,WHST 1.a,1.c,6,10 Gr. 9-10, RST 1,3,4,10 Gr. 9-10 RST 1,3,4,10 Gr. 9-10 WHST1.a,1.c,2.a						9.1.12.A.1 9.2.12.B.1 9.2.12.F.2 9.1.12.F.2
II. Drafting and Design: Skills and Techniques	1.1.12.D.2 1.3.12D.1 1.3.12.D.2 1.4.12.A.3 1.4.12B.1		Gr.11-12, RST1,3,4,8,10 Gr. 11-12,WHST 1.a,1.c,6,10 Gr. 9-10, RST 1,3,4,10 Gr. 9-10 RST 1,3,4,10 Gr. 9-10 WHST1.a,1.c,2.a	Gr. 11-12, N- Q1-2				8.1.12.F.1 8.2.12.C.3 8.2.12.F.1 8.2.12.F.3	9.1.12.A.1 9.1.12.B.1 9.1.12.F.2 9.3.12.C.3 9.4.12.B(1).1 9.4.12.B.(1).2 9.4.12.B.(1).6 9.4.12.B.(1).8 9.4.12.B.(1).9 9.4.12.B.(1).11 9.4.12.O.(1).1,7 9.4.12.O.(1).8
III. Elements and Principles of Design	1.3.12D.1 1.3.12.D.2 1.4.12.A.3 1.4.12B.1		Gr.11-12, RST1,3,4,8,10 Gr. 11-12,WHST 1.a,1.c,6,10 Gr. 9-10, RST 1,3,4,10 Gr. 9-10 RST 1,3,4,10 Gr. 9-10 WHST1.a,1.c,2.a					8.1.12.F.1 8.2.12.F.1 8.2.12.F.3	9.1.12.A.1 9.1.12.B.1 9.1.12.F.2 9.3.12.C.3 9.4.12.B.(1).2 9.4.12.O.(1).8

IV. Creating Functional Space	1.1.12.D.2 1.3.12D.1 1.3.12.D.2 1.4.12.A.3 1.4.12B.1	Gr.11-12, RST1,3,4,8,10 Gr. 11-12,WHST 1.a,1.c,6,10 Gr. 9-10, RST 1,3,4,10 Gr. 9-10 RST 1,3,4,10 Gr. 9-10 WHST1.a,1.c,2.a	Gr. 11-12, N- Q1-2		8.1.12.F.1 8.2.12.C.3 8.2.12.F.1 8.2.12.F.3	9.1.12.A.1 9.1.12.B.1 9.1.12.F.2 9.3.12.C.3 9.4.12.B.(1).2 9.4.12.B.(1).6 9.4.12.B.(1).8 9.4.12.B.(1).9 9.4.12.B.(1).11 9.4.12.O.(1).1,7 9.4.12.O.(1).8
V. The Decorative Elements	1.1.12.D.2 1.3.12D.1 1.4.12.A.3 1.4.12B.1	Gr.11-12, RST1,3,4,8,10 Gr. 11-12,WHST 1.a,1.c,6,10 Gr. 9-10, RST 1,3,4,10 Gr. 9-10 RST 1,3,4,10 Gr. 9-10 WHST1.a,1.c,2.a			8.1.12.F.1	9.1.12.A.1 9.1.12.B.1 9.1.12.F.2 9.3.12.C.3 9.4.12.B.(1).2 9.4.12.O.(1).8
VI. Kitchen and Bath Design	1.1.12.D.2 1.3.12D.1 1.3.12.D.2 1.4.12.A.3 1.4.12B.1	Gr.11-12, RST1,3,4,8,10 Gr. 11-12,WHST 1.a,1.c,6,10 Gr. 9-10, RST 1,3,4,10 Gr. 9-10 RST 1,3,4,10 Gr. 9-10 WHST1.a,1.c,2.a	Gr. 11-12, N- Q1-2		8.1.12.F.1 8.2.12.C.3 8.2.12.F.1 8.2.12.F.3	9.1.12.A.1 9.1.12.B.1 9.1.12.F.2 9.3.12.C.3 9.4.12.B.(1).2 9.4.12.B.(1).6 9.4.12.B.(1).8 9.4.12.B.(1).9 9.4.12.B.(1).11 9.4.12.O.(1).1,7 9.4.12.O.(1).8
VII. Architecture and Exteriors	1.1.12.D.2 1.2.12.A.1 1.4.12.A.3 1.4.12B.1	Gr.11-12, RST1,3,4,8,10 Gr. 11-12,WHST 1.a,1.c,6,10 Gr. 9-10, RST 1,3,4,10 Gr. 9-10 RST 1,3,4,10 Gr. 9-10 WHST1.a,1.c,2.a			8.1.12.F.1	9.1.12.A.1 9.1.12.F.2 9.4.12.O.(1).8
VIII. Careers in Housing		Gr.11-12, RST1,3,4,8,10 Gr. 11-12,WHST 1.a,1.c,6,10	Gr. 11-12, N- Q1-2		8.1.12.A.4	9.1.12.A.1 9.1.12.F.2 9.2.12.A.2 9.3.12.C.3

Gr. 9-10, RST 1,3,4,10	9.4.12.O.(1).8
Gr. 9-10 RST 1,3,4,10	
Gr. 9-10 WHST1.a,1.c,2.a	

^{*}All core content areas may not be applicable in a particular course.

Washington Township Public Schools Department of Student Personnel Services

CURRICULUM MODIFICATION

The regular curriculum is modified for Special Education students enrolled in both self-contained and resource center classes.

Modifications address individual learning rates, styles, needs and the varying abilities of all special populations served in the programs available in the district.

The intent is three-fold:

- To provide alternative materials, techniques and evaluation criteria to address the range of students' needs;
- To parallel the regular curriculum in skill, content sequence and coverage to prepare students for mainstreaming;
- To maximize students' potential for movement to less restrictive environments.

In the event there is a conflict between the prescribed curriculum and the IEP for an individual student, the IEP will take precedence and will constitute the individually prescribed proficiencies for the student.