

Pine Hill Public Schools Curriculum

Course Title/ Grade Level:		Home Improvement	
Unit 1:	Safety and Classroom Procedure	Month:	7 days
Unit 2:	Tool and Identification Usage	Month:	10 days
Unit 3:	Career Paths in Home Improvement/Construction Trades	Month:	3 days
Unit 4:	House construction	Month:	25-30 days
Unit 5:	Review and Complete 1 st Marking Period Benchmark Tests	Month:	4 days
Unit 6:	Home Electricity and Wiring	Month:	20 days
Unit 7:	MidYear Shop Refurbish	Month:	7 days
Unit 8:	Interior Wall and Ceiling Construction/Installation-Drywall I	Month:	15 days
Unit 9:	Interior Wall and Ceiling Construction/Installation-Drywall II - Finishing	Month:	15 days
Unit 10:	Painting and Wallpapering	Month:	5 days
Unit:11	Window, Doors and Trim	Month:	10 days
Date Created or Revised:		Dec. 2012	
BOE Approval Date:		01.22.13	

**Pine Hill Public Schools
Home Improvement Curriculum**

Unit Title:	Safety and Classroom Procedures	Unit #:	1
Course or Grade Level:	9-12	Length of Time:	7 days
Date Created:	Spring 2012	BOE Approval Date:	
Pacing	daily		
Essential Questions	<ul style="list-style-type: none"> • What is safety in and out of the classroom? How does safety affect the classroom environment? • Classroom procedures for a productive learning environment. 		
Content	<ul style="list-style-type: none"> • Safety procedures, classroom management • Classroom procedures including beginning and ending of daily work sessions 		
Skills	<ul style="list-style-type: none"> • Design a safety poster or visual aid to stress the importance of safety in and out of classroom. • Explain proper class work procedures including gathering materials and tools, in class procedures, and clean up processes. • Prepare safe work environments in the classroom. • Clean up and store tools and materials at the end of each day. 		
Assessments	<ul style="list-style-type: none"> • Safety project- essay, PowerPoint, poster, web-based project • Safety quiz • Observation 		
Interventions / differentiated instruction	<ul style="list-style-type: none"> • Pictures and graphics to portray safety rules for needed students • Teacher led instruction and guidance to individuals who are unfamiliar with a particular tool. 		
Inter-disciplinary Connections	<ul style="list-style-type: none"> • Computer animations and graphics • Web-based simulation programs 		
Lesson resources / Activities	<ul style="list-style-type: none"> • Internet resources, classroom worksheets, safety worksheets, poster paper, computer 		

2009 NJCCCS

Standard: 9.4 Career/Tech Ed.

Strand(s): B. Architect/Construction

Content Statement(s): Career Cluster

CPI # / CPI(s): 9.4.12.B.(2)10

Safety Practice Procedure

21st Century Themes

	Global Awareness		Financial, Economic, Business, and Entrepreneurial Literacy		Civic Literacy		Health Literacy
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21st Century Skills

	Creativity and Innovation		Critical Thinking and Problem Solving		Communication and Collaboration		Information Literacy
	Media Literacy		ICT Literacy		Life and Career Skills		

**Pine Hill Public Schools
Home Improvement Curriculum**

Unit Title:	Tool Identification and Usage Procedures	Unit #:	2
Course or Grade Level:	9-12	Length of Time:	10 days
Date Created:	Spring 2012	BOE Approval Date:	
Pacing	daily		
Essential Questions	<ul style="list-style-type: none"> • Explain various hand and power tools and their safe usage. • Explain proper class work procedures including gathering materials and tools, in class procedures, and clean up procedures. 		
Content	<ul style="list-style-type: none"> • Tool usage, proper storage, and hand versus machine tools. • Proper care of tools and machinery including individual machine safety. • Proper use and reading of tape measure. 		
Skills	<ul style="list-style-type: none"> • Explain various hand tools and machines and the procedures for each. • Storing and cleaning tools properly and safely. • Storing of projects and materials. • Writing a Plan of Procedure for each project. 		
Assessments	<ul style="list-style-type: none"> • Tool practice usage test • Observation of proper tool usage. • Observation, Plan of Procedure completion • Tape measure quiz 		
Interventions / differentiated instruction	<ul style="list-style-type: none"> • Teacher led instruction and guidance to individuals who are unfamiliar with a particular tool. • Peer help from experienced students to assist novice students in tool usage 		
Inter-disciplinary Connections	<ul style="list-style-type: none"> • Mathematical calculations such as addition, fractional equivalents, distances, etc. • Mathematical conversions- using tape measure, feet and inches 		
Lesson resources / Activities	<ul style="list-style-type: none"> • Internet resources, classroom worksheets, safety worksheets, computer • Tool manuals • Tape measure, video, individual tools both power and hand 		

2009 NJCCCS

Standard: 9.4 Career/Tech Ed.

Strand(s): M. Manufacturing, B. Architect/Construction

Content Statement(s): Safety Health, Career Cluster

CPI # / CPI(s): 9.4.12.M.(6)7, 9.4.12.B.(1)8, 9.4.12.B.(3)3

Technical Skills

Safe Use of Equipment, Data Collection, Construction Skills

21st Century Themes

Global Awareness	Financial, Economic, Business, and Entrepreneurial Literacy	Civic Literacy	Health Literacy
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21st Century Skills

Creativity and Innovation	Critical Thinking and Problem Solving	Communication and Collaboration	Information Literacy
Media Literacy	ICT Literacy	Life and Career Skills	

**Pine Hill Public Schools
Home Improvement Curriculum**

Unit Title:	Career Paths in Home Improvement/Construction Trades	Unit #: 3
Course or Grade Level:	9-12	Length of Time: 3 days
Date Created:	Spring 2012	BOE Approval Date:
Pacing	daily	
Essential Questions	<ul style="list-style-type: none"> • What types of career paths are associated with the home improvement industry? • What are the skills and educational requirements needed to become part of this industry? • What can a student do to improve his/her chances in gaining employment in these industries? 	
Content	<ul style="list-style-type: none"> • Career Path Awareness • Research on specific home improvement careers • Discussion on opportunities before and after graduation in the home improvement industry. 	
Skills	<ul style="list-style-type: none"> • Research careers related to home improvement industry. • Write summaries of chosen careers • Identify strengths needed as a student to pursue a particular career. 	
Assessments	<ul style="list-style-type: none"> • Worksheets, papers on various careers • Possible project on future career- PowerPoint, poster, essay, etc. 	
Interventions / differentiated instruction	<ul style="list-style-type: none"> • Students can choose various formats to present career research depending on their particular learning style. • Students can work in groups or as individuals to present project. 	
Inter-disciplinary Connections	<ul style="list-style-type: none"> • English- researching careers using Internet, magazines, etc. • Art- project presentation- poster, collage • English- public speaking 	
Lesson resources / Activities	<ul style="list-style-type: none"> • Daily work grades, daily clean up procedures • Worksheets, handouts, textbook • Internet, magazines 	

2009 NJCCCS

Standard: 9.4 Career/Tech Ed.

Strand(s): B. Architect/Construction, O. STEM

Content Statement(s): Career Cluster, Communication Skills	CPI # / CPI(s): 9.4.12.B.(1)1, 9.4.12.B.(1)8, 9.4.12.0.15
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Communication Skills, Data Collection, Oral, Visual, Written Material

21st Century Themes

Global Awareness	Financial, Economic, Business, and Entrepreneurial Literacy	Civic Literacy	Health Literacy
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21st Century Skills

Creativity and Innovation	Critical Thinking and Problem Solving	Communication and Collaboration	Information Literacy
Media Literacy	ICT Literacy	Life and Career Skills	

Pine Hill Public Schools
Home Improvement Curriculum

Unit Title: House Construction		Unit #: 4
Course or Grade Level: 9-12		Length of Time: 25-30 days
Date Created: Spring 2012		BOE Approval Date:
Pacing	daily	
Essential Questions	<ul style="list-style-type: none"> • How are homes built? • Why is planning a project so important in home improvement? • What are the different types of walls and how do you frame a house? 	
Content	<ul style="list-style-type: none"> • House construction • General framing layout and construction techniques • Basic blueprint reading • Planning a home improvement job 	
Skills	<ul style="list-style-type: none"> • Read a basic blueprint to identify components of a construction job. • Layout a basic wall with a window opening in a framing mockup. • Cut lumber to build wall. • Construct ceiling joists to hold up drywall ceiling in mockup. 	
Assessments	<ul style="list-style-type: none"> • Blueprint quiz, framing quiz • Worksheets • Observation, daily tool usage, work on wall mockup, student participation 	
Interventions / differentiated instruction	<ul style="list-style-type: none"> • Teacher led instruction and guidance to individuals who are unfamiliar with a particular tool or process. • Peer help from experienced students to assist novice students in tool usage. • Peer help from experienced students to assist in project development and completion. 	
Inter-disciplinary Connections	<ul style="list-style-type: none"> • Math- math is incorporated throughout the development of the project to insure proper measurement and accurate size of project is maintained. • English- reading blueprints and technical specification sheets for information. • Mathematical conversions- using tape measure, feet and inches 	
Lesson resources / Activities	<ul style="list-style-type: none"> • Skilsaw usage • Daily work grades, daily clean up procedures • Worksheets, handouts, textbook, blueprints 	

2009 NJCCCS

Standard: 9.4 Career/Tech Ed.

Strand(s): B. Architect/Construction, M. Manufacturing, O. STEM

Content Statement(s): Technical Skills, Safety Health, Academic Foundation

CPI # / CPI(s): 9.4.12.B.(3)3, 9.4.12.B.(2)17, 9.4.12.M.(6)7, 9.4.12.0.2

Construction Skills, Use Skills on Project, Safe Use of Equipment, Math Knowledge

21st Century Themes

Global Awareness	Financial, Economic, Business, and Entrepreneurial Literacy	Civic Literacy	Health Literacy
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21st Century Skills

Creativity and Innovation	Critical Thinking and Problem Solving	Communication and Collaboration	Information Literacy
Media Literacy	ICT Literacy	Life and Career Skills	

Pine Hill Public Schools
Advanced Technology Curriculum

Unit Title:	Review and Complete 1 st Marking Period Benchmark Tests	Unit #: 5
Course or Grade Level:	10-12	Length of Time: 4 days
Date Created:	Spring 2012	BOE Approval Date:
Pacing	daily	
Essential Questions	<ul style="list-style-type: none"> • What were the topics discussed and practiced during the first marking period? • What types of careers are in home improvement? • How do you build a wall in a house? 	
Content	<ul style="list-style-type: none"> • Career paths in home improvement • House construction • Safety, tool usage, and blueprint reading 	
Skills	<ul style="list-style-type: none"> • Write thoughts and steps in explanation of construction processes. • Take benchmark test. • Discuss and provide examples of careers involving any aspect of the first marking period topics. 	
Assessments	<ul style="list-style-type: none"> • Benchmark Test • Observation 	
Interventions / differentiated instruction	<ul style="list-style-type: none"> • Visual aids identifying various components of wall construction. • Sketching of construction ideas rather than written suggestions. Sometimes students can present their ideas more easily with a picture rather than a paragraph. 	
Inter-disciplinary Connections	<ul style="list-style-type: none"> • English- reading blueprints for content. • Mathematical conversions- using tape measure, feet and inches 	
Lesson resources / Activities	<ul style="list-style-type: none"> • Internet, videos • Communication activities • Transit, levels, story poles, tools 	

2009 NJCCCS

Standard: 9.4 Career/Tech Ed.

Strand(s): O. STEM, M. Manufacturing,

Content Statement(s): Information Technology, Academic Foundation

CPI # / CPI(s): 9.4.12.0.(1)8, 9.4.12.M.(6)7

Use Communication Technology, Safe Use of Equipment

[21st Century Themes](#)

Global Awareness	Financial, Economic, Business, and Entrepreneurial Literacy	Civic Literacy	Health Literacy
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[21st Century Skills](#)

Creativity and Innovation	Critical Thinking and Problem Solving	Communication and Collaboration	Information Literacy
Media Literacy	ICT Literacy	Life and Career Skills	

**Pine Hill Public Schools
Home Improvement Curriculum**

Unit Title: Home Electricity and Wiring		Unit #: 6
Course or Grade Level: 9-12		Length of Time: 20 days
Date Created: Spring 2012		BOE Approval Date:
Pacing	daily	
Essential Questions	<ul style="list-style-type: none"> • What are AC current and the differences between AC and DC current? • How is electricity delivered to your house? • What are the different components of a home electrical system and how do they work? 	
Content	<ul style="list-style-type: none"> • AC versus DC current. • Electricity generation and delivery to the house. • Home wiring, electric panel, switches, and outlets. 	
Skills	<ul style="list-style-type: none"> • Understand the difference and uses of AC and DC current. • Build a mockup of several circuits that are prevalent in all home construction. • Understand the dangers associated with electricity in and around the house. 	
Assessments	<ul style="list-style-type: none"> • Electrical mockup- testing of circuits using switches and outlets. • Worksheets, quizzes, tests. • Observation, daily tool usage, student participation. 	
Interventions / differentiated instruction	<ul style="list-style-type: none"> • Teacher led instruction and guidance to individuals who are unfamiliar with a particular tool or process. • Peer help from experienced students to assist novice students in tool usage. • Peer help from experienced students to assist in project development and completion. 	
Inter-disciplinary Connections	<ul style="list-style-type: none"> • History- historical perspectives of electricity. • Math/Science- identifying current load and the dangers of overloading a circuit. 	
Lesson resources / Activities	<ul style="list-style-type: none"> • Daily work grades, daily clean up procedures • Worksheets, handouts, textbook 	

2009 NJCCCS

Standard: 9.4 Career/Tech Ed.

Strand(s): B. Architect/Construction, M. Manufacturing, O. STEM

Content Statement(s): Technical Skills, Safety Health, Academic Foundation

CPI # / CPI(s): 9.4.12.B.(3)3, 9.4.12.B.(2)17, 9.4.12.M.(6)7, 9.4.12.0.2

Construction Skills, Use Skills on Project, Safe Use of Equipment, Math Knowledge

21st Century Themes

	Global Awareness		Financial, Economic, Business, and Entrepreneurial Literacy		Civic Literacy		Health Literacy
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21st Century Skills

	Creativity and Innovation		Critical Thinking and Problem Solving		Communication and Collaboration		Information Literacy
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Pine Hill Public Schools
Home Improvement Curriculum

Unit Title:	Interior Wall and Ceiling Construction/Installation-Drywall I	Unit #:	8
Course or Grade Level:	9-12	Length of Time:	15 days
Date Created:	Spring 2012	BOE Approval Date:	
Pacing	daily		
Essential Questions	<ul style="list-style-type: none"> • What makes up the interior walls of a residential building? • Why is planning an essential part of drywall installation? • How are interior and exterior corners constructed ? 		
Content	<ul style="list-style-type: none"> • Plaster and Gypsum. • Safety, planning, measuring, cutting and fastening. • Door and Window openings. • Fastening methods. 		
Skills	<ul style="list-style-type: none"> • Planning and measuring. • Layout of a fastener field. • Safe use of cutting and fastening tools. • Using fasteners and installation 		
Assessments	<ul style="list-style-type: none"> • Planning, Measuring Cutting and Installing drywall • Worksheets, Quizzes and Tests • Observation, daily tool and material usage 		
Interventions / differentiated instruction	<ul style="list-style-type: none"> • Teacher led instruction and guidance to individuals who are unfamiliar with a particular tool or process. • Peer help from experienced students to assist novice students with installation. • Peer help from experienced students to assist in project development and completion. 		
Inter-disciplinary Connections	Math- math is incorporated throughout the development of the project to insure proper measurement and accurate size of project is maintained. English- reading and writing plans		
Lesson resources / Activities	<ul style="list-style-type: none"> • Measuring, Tool safety and use, Ladder safety • Daily work grades, daily clean up procedures • Worksheets, handouts, textbook 		

2009 NJCCCS

Standard: 9.4 Career/Tech Ed.

Strand(s): B. Architect/Construction, M. Manufacturing, O. STEM

Content Statement(s): Technical Skills, Safety Health, Academic Foundation

CPI # / CPI(s): 9.4.12.B.(3)3, 9.4.12.B.(2)17, 9.4.12.M.(6)7, 9.4.12.0.2

Construction Skills, Use Skills on Project, Safe Use of Equipment, Math Knowledge

[21st Century Themes](#)

Global Awareness	Financial, Economic, Business, and Entrepreneurial Literacy	Civic Literacy	Health Literacy
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[21st Century Skills](#)

Creativity and Innovation	Critical Thinking and Problem Solving	Communication and Collaboration	Information Literacy
Media Literacy	ICT Literacy	Life and Career Skills	

Pine Hill Public Schools
Home Improvement Curriculum

Unit Title: Interior Wall and Ceiling Construction/Installation-Drywall II -Finishing		Unit #: 9
Course or Grade Level: 9-12		Length of Time: 15 days
Date Created: Spring 2012		BOE Approval Date:
Pacing	daily	
Essential Questions	<ul style="list-style-type: none"> • What covers the screw and nail holes? • How are horizontal and vertical seams finished? • How are inside and outside corners finished? 	
Content	<ul style="list-style-type: none"> • Spackle, taping and corner beads. • Adhesives and fasteners • Spackling and sanding tools. 	
Skills	<ul style="list-style-type: none"> • Identifying finishing needs • Spackling, taping and finishing joints and holes • Proper coating and sanding techniques. 	
Assessments	<ul style="list-style-type: none"> • Tool, material and equipment usage. • Finished dimples, joints and corners. • Worksheets, Quizzes and Tests. • Wall Mock ups 	
Interventions / differentiated instruction	<ul style="list-style-type: none"> • Teacher led instruction and guidance to individuals who are unfamiliar with a particular tool or process. • Peer help from experienced students to assist novice students in tool usage. • Peer help from experienced students to assist in project development and completion. 	
Inter-disciplinary Connections	<ul style="list-style-type: none"> • Math- calculating angles that are visually pleasing for recipe holder. • English- reading and writing plans. 	
Lesson resources / Activities	<ul style="list-style-type: none"> • Measuring, Tool safety and use, Ladder safety • Daily work grades, daily clean up procedures • Worksheets, handouts, textbook Daily work grades, daily clean up procedures. • Worksheets, handouts, textbook 	

2009 NJCCCS

Standard: 9.4 Career/Tech Ed.

Strand(s): B. Architect/Construction, M. Manufacturing, O. STEM

Content Statement(s): Technical Skills, Safety Health, Academic Foundation

CPI # / CPI(s): 9.4.12.B.(3)3, 9.4.12.B.(2)17, 9.4.12.M.(6)7, 9.4.12.0.2

Construction Skills, Use Skills on Project, Safe Use of Equipment, Math Knowledge

21st Century Themes

Global Awareness	Financial, Economic, Business, and Entrepreneurial Literacy	Civic Literacy	Health Literacy
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21st Century Skills

Creativity and Innovation	Critical Thinking and Problem Solving	Communication and Collaboration	Information Literacy
Media Literacy	ICT Literacy	Life and Career Skills	

**Pine Hill Public Schools
Home Improvement Curriculum**

Unit Title: Painting and Wall Paper		Unit #: 10
Course or Grade Level: 9-12		Length of Time: 10 days
Date Created: Spring 2012		BOE Approval Date:
Pacing	daily	
Essential Questions	<ul style="list-style-type: none"> • What are the ways in which interior wall can be finished? • What are the benefits of different methods? • What are the different types of Paints used in a household? 	
Content	<ul style="list-style-type: none"> • Paint composition. • Methods of application, Preparation and Priming. • Wallpaper 	
Skills	<ul style="list-style-type: none"> • Selecting finishes. • Selecting, using and caring for applicator devices. • Surface preparation • Application of Paints and Wallpaper. 	
Assessments	<ul style="list-style-type: none"> • Tool, material and equipment usage. • Application of paint and wallpaper • Worksheets, tests and quizzes. • Observation, participation and daily tool usage 	
Interventions / differentiated instruction	<ul style="list-style-type: none"> • Teacher led instruction and guidance to individuals who are unfamiliar with a particular tool or process. • Peer help from experienced students to assist novice students in tool usage. • Peer help from experienced students to assist in project development and completion. 	
Inter-disciplinary Connections	<ul style="list-style-type: none"> • Art- creating unique design using principles selecting compatible colors. • Math- calculating angles that are visually pleasing for artistic design. 	
Lesson resources / Activities	<ul style="list-style-type: none"> • Measuring, Tool safety and use, Ladder safety • Daily work grades, daily clean up procedures • Worksheets, handouts, textbook Daily work grades, daily clean up procedures. • Worksheets, handouts, textbook 	

2009 NJCCCS

Standard: 9.4 Career/Tech Ed.

Strand(s): B. Architect/Construction, M. Manufacturing, O. STEM

Content Statement(s): Technical Skills, Safety Health, Academic Foundation

CPI # / CPI(s): 9.4.12.B.(3)3, 9.4.12.B.(2)17, 9.4.12.M.(6)7, 9.4.12.O.(1)1

Construction Skills, Use Skills on Project, Safe Use of Equipment, Math Standards

21st Century Themes

Global Awareness	Financial, Economic, Business, and Entrepreneurial Literacy	Civic Literacy	Health Literacy
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21st Century Skills

Creativity and Innovation	Critical Thinking and Problem Solving	Communication and Collaboration	Information Literacy
Media Literacy	ICT Literacy	Life and Career Skills	

**Pine Hill Public Schools
Home Improvement Curriculum**

Unit Title: MidYear Shop Refurbish		Unit #: 7
Course or Grade Level: 9-12		Length of Time: 5 days
Date Created: Spring 2012		BOE Approval Date:
Pacing	daily	
Essential Questions	<ul style="list-style-type: none"> • Why is a clean and organized shop important? • What are some of the process and procedures that were learned during the first half of the year? 	
Content	<ul style="list-style-type: none"> • The importance of maintaining a clean and safe work environment. • Reviewing all of the techniques and procedures used so far for benchmark tests. 	
Skills	<ul style="list-style-type: none"> • Reorganize the rear shop to keep wood straight. • Define and describe all of the tools and machines used during the first half of the year. • Estimate how much more materials we will use for the rest of the year. 	
Assessments	<ul style="list-style-type: none"> • Cleaning and organizing shop area • Review sheets and discussions on previously learned content • Observation, daily tool usage 	
Interventions / differentiated instruction	<ul style="list-style-type: none"> • Teacher led instruction and guidance to individuals who are unfamiliar with a particular tool or process. • Peer help from experienced students to assist novice students in tool usage. • Peer help from experienced students to assist in project development and completion. 	
Inter-disciplinary Connections	<ul style="list-style-type: none"> • Math- estimation of materials in advance. 	
Lesson resources / Activities	<ul style="list-style-type: none"> • Benchmark test, shop cleaning • Daily work grades, daily clean up procedures. • Worksheets, handouts, textbook 	

2009 NJCCCS

Standard: 9.4 Career/Tech Ed.

Strand(s): B. Architect/Construction, M. Manufacturing, O. STEM

Content Statement(s): Technical Skills, Safety Health, Academic Foundation

CPI # / CPI(s): 9.4.12.B.(3)3, 9.4.12.B.(2)17, 9.4.12.M.(6)7, 9.4.12.O.(1)1

Construction Skills, Use Skills on Project, Safe Use of Equipment, Math Standards

[21st Century Themes](#)

Global Awareness	Financial, Economic, Business, and Entrepreneurial Literacy	Civic Literacy	Health Literacy
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[21st Century Skills](#)

Creativity and Innovation	Critical Thinking and Problem Solving	Communication and Collaboration	Information Literacy
Media Literacy	ICT Literacy	Life and Career Skills	

**Pine Hill Public Schools
Home Improvement Curriculum**

Unit Title:	Window, Doors and Trim	Unit #:	11
Course or Grade Level:	9-12	Length of Time:	10 days
Date Created:	Spring 2012	BOE Approval Date:	
Pacing	daily		
Essential Questions	<ul style="list-style-type: none"> • What types of access is used in a modern home? • What types of doors and windows are used in a modern home? 		
Content	<ul style="list-style-type: none"> • Single hung and double hung windows. • Interior and exterior doors • Trim and Finishing 		
Skills	<ul style="list-style-type: none"> • Installing including leveling and insulation. • Shimming, proper operation and maintenance • Casings, sills and jambs. 		
Assessments	<ul style="list-style-type: none"> • Installation of doors, windows and trim • Worksheets, tests and quizzes. • Observation, participation and daily tool usage 		
Interventions / differentiated instruction	<ul style="list-style-type: none"> • Teacher led instruction and guidance to individuals who are unfamiliar with a particular tool or process. • Peer help from experienced students to assist novice students in tool usage. • Peer help from experienced students to assist in project development and completion. 		
Inter-disciplinary Connections	<ul style="list-style-type: none"> • Math- estimation of materials in advance. 		
Lesson resources / Activities	<ul style="list-style-type: none"> • Benchmark test, shop cleaning • Daily work grades, daily clean up procedures. • Worksheets, handouts, textbook 		

2009 NJCCCS

Standard: 9.4 Career/Tech Ed.

Strand(s): B. Architect/Construction, M. Manufacturing, O. STEM

Content Statement(s): Technical Skills, Safety Health, Academic Foundation

CPI # / CPI(s): 9.4.12.B.(3)3, 9.4.12.B.(2)17, 9.4.12.M.(6)7, 9.4.12.O.(1)1

Construction Skills, Use Skills on Project, Safe Use of Equipment, Math Standards

21st Century Themes

Global Awareness	Financial, Economic, Business, and Entrepreneurial Literacy	Civic Literacy	Health Literacy
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21st Century Skills

Creativity and Innovation	Critical Thinking and Problem Solving	Communication and Collaboration	Information Literacy
Media Literacy	ICT Literacy	Life and Career Skills	