

Curriculum Mapping

School: Illini Bluffs High School
Course: Introduction to Horticulture

School Year: 2009-2010
Grade Level: 10-12

Month	ILS	Content	Skills	Assessments	Resources
August	SC 13B.5e	<u>Exploring the Horticulture Industry Unit</u> <ul style="list-style-type: none"> Understanding Horticulture 	<ul style="list-style-type: none"> Identify and Define Horticulture Identify the role of business in the economic system. Recognize individual diversity. Work with team members. Evaluate team work results. Understand how work relates to the needs and functions of the economy and society. Be able to locate, understand and use career information. 	<ul style="list-style-type: none"> Worksheets Test Labs 	<ul style="list-style-type: none"> Video Horticulture Career Curriculum CD Various Books as References Notes
	ELA 2B.5b				
	SC 13B.4b	<ul style="list-style-type: none"> Exploring Career Opportunities in Horticulture 			
September	SC 13B.4d	<ul style="list-style-type: none"> Understanding Environmental Impacts of Horticulture 	<ul style="list-style-type: none"> Identify hazardous substances in the 		

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	<p>SC 13A.5a</p> <p>SC 12B.4a</p> <p>SC 12A.4b</p> <p>SC 13B.4a</p> <p>SC 13B.4a</p> <p>SC 13B.4a</p> <p>SC 13B.4d</p> <p>SC 12E.4b</p> <p>SC 12B.4a</p> <p>SC 12B.4a</p>	<ul style="list-style-type: none"> • Practicing Horticulture Safety <p><u>Soils Unit</u></p> <ul style="list-style-type: none"> • Understanding Properties of Growing Media • Understanding Growing Media Components • Determining the Nature of Soil • Understanding Soil Formation • Understanding Soil Color • Understanding Soil Texture and Structure • Explaining a Soil Profile • Understanding Moisture Holding Capacity • Land Use CDE Preparing 	<p>workplace.</p> <ul style="list-style-type: none"> • Identify hazardous substances in the workplace. <ul style="list-style-type: none"> • Propagate and grow plants. • Analyze, interpret and enhance soil fertility. • Math Skills and Hands-on skills will also be utilized 	<ul style="list-style-type: none"> • Worksheets • Labs • Test • Quizzes 	<ul style="list-style-type: none"> • Various Reference Books • Notes • Materials for Labs
October	<p>SC 12A.4b</p> <p>SC 12E.5e</p>	<p><u>Soil Erosion Unit</u></p> <ul style="list-style-type: none"> • Supplying Nutrients to Floriculture Crops • Understanding Soil Degradation 	<ul style="list-style-type: none"> • Analyze, interpret and enhance substrate fertility and water quality. 	<ul style="list-style-type: none"> • Worksheets • Labs • Test 	<ul style="list-style-type: none"> • Lab Materials • Various Reference Books

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	<p>SC 13B.4d</p> <p>FA 25A.4a</p> <p>FA 25A.4a</p> <p>FA 26B.4d</p>	<ul style="list-style-type: none"> Understanding Soil Erosion and Management Practices <p><u>Intro to Floral Design Unit</u></p> <ul style="list-style-type: none"> Understanding the Principles of Floral Design Understanding the Design Elements of Floral Design Designing Basic Floral Work <p><u>Basic Weed ID Unit</u></p> <ul style="list-style-type: none"> Weed ID 	<ul style="list-style-type: none"> Analyze, interpret and enhance soil fertility. Design, monitor and assemble floral arrangements. Evaluate, complete and store the design. Design, monitor and assemble planters and arrangements. Identify Weeds through Memorization 		<ul style="list-style-type: none"> Horticulture Curriculum CD CD with Weed Slides
November	<p>SC 12A.4a</p> <p>SC 12A.4b</p> <p>SC 12A.4b</p> <p>SC 12A.4b</p> <p>SC 12A.4b</p> <p>SC 12A.5a</p> <p>SC 12A.5a</p>	<p><u>Plant Anatomy and Physiology Unit</u></p> <ul style="list-style-type: none"> Classifying Ornamental Plants Understanding Root Anatomy Understanding Stem Anatomy Understanding Leaf Anatomy and Morphology Understanding Flower Anatomy Understanding Plant Physiology Understanding Light, Temperature, 	<ul style="list-style-type: none"> Answer customer questions about plant materials and their sensitivities. Address and answer customer questions and inquiries about plant characteristics, 	<ul style="list-style-type: none"> Worksheets Labs Test 	<ul style="list-style-type: none"> Lab Materials Various Reference Books Horticulture Curriculum CD

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		<p>Air, and Water Effects on Plant Growth</p> <p><u>Parliamentary Procedure Unit</u></p> <ul style="list-style-type: none"> Learn Parliamentary Procedure Rules for meetings <p><u>Basic Plant Identification Unit</u></p> <ul style="list-style-type: none"> ID of Basic Annual Flowers 	<p>planting and maintenance.</p> <ul style="list-style-type: none"> Care for potted plants. <ul style="list-style-type: none"> Communication and Organization skills <ul style="list-style-type: none"> Memorization skills 		<ul style="list-style-type: none"> Plant CD for Identification Purposes Videos
December		<ul style="list-style-type: none"> ID of Perennials ID of Bulbs/Biennials X-Mas Plant Sell 	<ul style="list-style-type: none"> Memorization skills 	<ul style="list-style-type: none"> Worksheets Labs Test 	<ul style="list-style-type: none"> Lab Materials Various Reference Books Horticulture Curriculum CD Plant CD for Identification Purposes Videos

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January	18B.3a 18A.3a 5C.4a 4A.4a 4B.4a 4A.4b 4B.4a 4B.4b	<u>Employability in the Horticulture Industry Unit</u> <ul style="list-style-type: none"> • Self- Understanding and Assessment • Developing Human Relations Skills in the Workplace • Introduction to Communication Techniques • Understanding Effective Communication Techniques • Identifying Effective Speaking Techniques • Developing Listening Skills • Organizing and Presenting a Persuasive Message • Using Communication Skills in 	<ul style="list-style-type: none"> • Establish and maintain relationships with co-workers. • Describe responsibilities of employer or management. • Work with others. • Identify and respond to customer requirements. Merchandise products and services. • Market and promote landscape services 	<ul style="list-style-type: none"> • Worksheets • Labs • Test 	<ul style="list-style-type: none"> • Lab Materials • Various Reference Books • Horticulture Curriculum CD • Videos

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		<p>Appropriate Situations</p> <p><u>Integrated Pest Management Unit</u></p> <ul style="list-style-type: none"> • Understanding Integrated Pest Management • Determining the Kind of Pesticides • Using Pesticides Safely • Applying Pesticides • Managing Environmental Impacts of Pesticides 	<p>and products.</p> <ul style="list-style-type: none"> • Answer customer questions about plant materials and their sensitivities. • Control pests and plant disorders. • Control weeds, pests, insects, diseases, moss and plant disorders. 		
February	<p>SC 12A.4b SC 12A.5a SC 12A.4b SC 12A.4b</p>	<p><u>Intro to Plant Propagation Unit</u></p> <ul style="list-style-type: none"> • Understanding Sexual Reproduction • Propagating Plants Sexually • Propagating Plants by Cuttings • Propagating Plants by Division, Separation, and Layering. 	<ul style="list-style-type: none"> • Propagate and grow plants. 	<ul style="list-style-type: none"> • Worksheets • Labs • Test 	<ul style="list-style-type: none"> • Lab Materials • Various Reference Books • Horticulture Curriculum CD • Videos

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<p>March</p>	<p>SC 12A.5a SC 12A.5a</p>	<p><u>Intro to Greenhouse Crop Production Unit</u></p> <ul style="list-style-type: none"> • Growing Foliage Plants • Growing Bedding Plants <p><u>Identification of Deciduous Plants</u></p> <ul style="list-style-type: none"> • ID of Trees and Shrubs 	<ul style="list-style-type: none"> • Plant and care for potted plants in the greenhouse and nursery. • Care for potted plants. • Assemble dish gardens, terrariums and other plant combinations. <ul style="list-style-type: none"> • Memorization and Identifying skills 	<ul style="list-style-type: none"> • Worksheets • Labs • Test 	<ul style="list-style-type: none"> • Lab Materials • Various Reference Books • Horticulture Curriculum CD • Videos

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<p>April</p>	<p>MA 9A.4b SC 12A.5a 11B.4b 12C.5a SC 12A.4b SC 12A.5a</p>	<p><u>Fruit and Vegetable Crop Production Unit</u></p> <ul style="list-style-type: none"> • Planning and Preparing a Vegetable Garden • Planting and Maintaining a Vegetable Garden <p><u>Using and Maintaining Tools and Equipment Unit</u></p> <ul style="list-style-type: none"> • Using Hand Tools • Maintaining Small Engines <p><u>Introduction to Landscape Installation and Maintenance</u></p> <ul style="list-style-type: none"> • Pruning Landscape Plants • Watering, Fertilizing and Mulching Landscape Plants 	<ul style="list-style-type: none"> • Creativity and Organizational Skills • Safety Skills • Prune trees, shrubs and herbaceous plants. • Select, operate and maintain landscape tools and equipment. • Display, install and maintain plants in the homeowners's landscape and in the 	<ul style="list-style-type: none"> • Worksheets • Labs • Test 	<ul style="list-style-type: none"> • Lab Materials • Various Reference Books • Horticulture Curriculum CD • Videos

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			<p>garden center.</p> <ul style="list-style-type: none"> Analyze, interpret and enhance soil media fertility. Plant and care for potted, balled and burlapped plants. 		
May	<p>ELA 1C.4c</p> <p>SC 12A.5a</p>	<ul style="list-style-type: none"> Installing Woody Landscape Plants, Ground Covers, Perennials, and Annuals Maintaining Turfgrass Areas 	<ul style="list-style-type: none"> Answer customer questions and inquiries about plant characteristics, planting and maintenance. Install and maintain plants in the landscape. Display, install and maintain plants in the homeowners's landscape and in the garden center. 	<ul style="list-style-type: none"> Worksheets Labs Test 	<ul style="list-style-type: none"> Lab Materials Various Reference Books Horticulture Curriculum CD Videos