

Nursery and Landscape Curriculum Map and Timeline

Time	Unit of Instruction	Standard	Assessment
32 Days	Introduction to FFA, Ag Education, and Agriculture	AFNR-NL-2	
Lesson 1: Orientation to FFA and Ag Education Lesson 2: Supervised Agricultural Experience Programs Lesson 3: Orientation to Agriculture Lesson 4: Safety		Modify behavior to work safely in the agriculture lab and work sites, demonstrate selected competencies in leadership through the FFA and agricultural industry organizations, and develop plans for a Supervised Agricultural Experience Program (SAEP).	Daily Participation Worksheets Unit Tests Quizzes Videos Public Speaking
16 Days	Introduction to Nursery and Landscape Design	AFNR-NL-3	
Lesson 1: Define and describe the importance and scope of the green industry Lesson 2: Discuss the importance of the nursery and landscape industries Lesson 3: Explore career opportunities related to the nursery and landscape industry		Explore and formulate a logical discussion about the green industry including its scope, importance, and careers available in the nursery and landscape industries.	Daily Participation Worksheets Unit Tests Quizzes Videos
16 Days	Tools and equipment used in the nursery and landscape industries	AFNR-NL-4	
Lesson 1: Identify hand and power tools used in the landscape industry Lesson 2: Demonstrate proper tool and equipment safety procedures Lesson 3: Demonstrate proper maintenance and storage for landscape tools and equipment		Identify tools and equipment and explain their function in the nursery and landscape industries.	Daily Participation Worksheets Unit Tests Quizzes Videos Problem Solving Group Work

Time	Unit of Instruction	Standard	Assessment
25 Days	Plant nomenclature, Identification, Environmental Needs	AFNR-NL-5	
Lesson 1: History and purpose of nomenclature Lesson 2: Identify common landscape and nursery plants Lesson 3: Classify plants by horticultural characteristics Lesson 4: Categorize plants by their environmental needs	Describe plant nomenclature, identification, and plant environmental needs.		Daily Participation Worksheets Unit Tests Quizzes Videos Problem Solving Group Work
10 Days	Properties of Soil and Soil Productivity	AFNR-NL-6	
Lesson 1: How soil relates to fertility and plant growth Lesson 2: Types and uses of soil amendments Lesson 3: Classify plants by horticultural characteristics Lesson 4: Soil testing procedures	Investigate the properties of soils and determine the factors that affect crop productivity and plant health.		Daily Participation Worksheets Unit Tests Quizzes Videos Problem Solving Group Work
32 Days	Designing Landscape Planting Sites	AFNR-NL-6	
Lesson 1: Importance of preparing beds for planting Lesson 2: Calculating the area of planting sites Lesson 3: Calculating soil amendments Lesson 4: Preparation of the planting site using handtools and power equipment Lesson 5: Modifying existing landscape	Design new and existing landscape planting sites for nursery and landscape plants.		Daily Participation Worksheets Unit Tests Quizzes Videos Problem Solving Group Work

Time	Unit of Instruction	Standard	Assessment
16 Days	Installing and Maintaining Landscape Plants	AFNR-NL-8	
Lesson 1: Identify and demonstrate proper planting procedures Lesson 2: Identify and demonstrate correct mulching procedures Lesson 3: Fertilizing techniques Lesson 4: Correct pruning techniques		Install and maintain landscape plants to industry standards and recommended practices.	Daily Participation Worksheets Unit Tests Quizzes Videos Problem Solving Group Work
10 Days	Create and interpret landscape plans	AFNR-NL-9	
Lesson 1: Identify equipment used in landscape drawing plans Lesson 2: Measure and draw to scale a given landscape Lesson 3: Apply the principles of landscape design		Create and interpret landscape plans based on industry standards and recommended practices.	Daily Participation Worksheets Unit Tests Quizzes Videos Problem Solving Group Work
6 Days	Landscape sites planning strategy	AFNR-NL-10	
Lesson 1: Calculate the cost of landscape plan and installation Lesson 2: Identify different methods used to price landscape plans		Develop a pricing strategy for landscape planning, design, and installation.	Daily Participation Quizzes Problem Solving Group Work
6 Days	Landscape Pests	AFNR-NL-11	
Lesson 1: Identifying common landscape pests Lesson 2: Landscape pest management		Identify plant pests, pest control practices, and prescribe the use of cultural, biological and chemical materials and methods to protect nursery crops and landscape plantings.	Daily Participation Quizzes Problem Solving Group Work

Time	Unit of Instruction	Standard	Assessment
7 Days	Plant Irrigation Methods	AFNR-NL-12	
Lesson 1: Relationship between water and plant growth Lesson 2: Types of irrigation systems Lesson 3: Demonstrate effective watering methods and techniques		Compare and contrast the use of various plant irrigation methods based on plant needs, effectiveness and economic feasibility.	Daily Participation Worksheets Quizzes Videos Group Work
7 Days	Identifying Turf Grasses	AFNR-NL-13	
Lesson 1: Characteristics of turf leaves, seeds, and stems Lesson 2: Classify turf grass species Lesson 3: Select turf grass species for specific purposes		Create and interpret landscape plans based on industry standards and recommended practices.	Daily Participation Worksheets Unit Tests Quizzes Videos Problem Solving Group Work
7 Days	Nursery and Landscape Operations calendar of activities	AFNR-NL-14	
Lesson 1: Create a growing and maintenance calendar of nursery and landscape plants Lesson 2: Develop an annual calendar of activities for landscape and nursery operations		Prepare an annual calendar of activities for nursery and landscape operations.	Daily Participation Quizzes Problem Solving Group Work