

School Name: NM State FFA

Course Name: Agricultural Mechanics

Course Instructor: CDE

Date: 3/6/2007

CD: AgriScience	
#	Lesson Title
AGRICULTURAL/HORTICULTURAL INDUSTRY	
Problem Area 4. Demonstrating Problems-Solving Skills	
LC: B4-2	Learning (Teaching)
AGRICULTURAL/HORTICULTURAL SCIENCE	
Problem Area 8. Identifying Basic Agricultural Mechanics	
LC: C8-2	Mechanization
CD: Horticulture	
#	Lesson Title
UNIT C. NURSERY, LANDSCAPING, AND GARDENING	
Problem Area 6. Using and Maintaining Tools and Equipment	
LC: C6-1	Using Hand Tools
	Using Power Tools and Small Landscape Maintenance
LC: C6-2	Equipment
LC: C6-4	Maintaining Small Engines
CD: Agricultural Mechanics & Technology	
#	Lesson Title
UNIT A. MECHANICAL SYSTEMS AND TECHNOLOGY	
Problem Area 1. Introduction to Agricultural Mechanics and	
LC: A1-2	Identifying Hazards in Agricultural Mechanics
LC: A1-3	Using Personal Safety in Agricultural Mechanics
LC: A1-7	Technology Systems
Problem Area 3. Construction Systems	
LC: A3-2	Using Hand Tools
LC: A3-3	Using Power Tools
LC: A3-4	Caring for and Reconditioning Construction Tools
LC: A3-7	Using Construction Fasteners and Hardware
Problem Area 5. Metal Fabrication	
LC: A5-2	Applying Heat Treating Processes
LC: A5-5	Using Metal Cutting Processes and Techniques

School Name: NM State FFA

Course Name: Crops Analysis

Course Instructor: CDE

Date: 3/6/2007

CD: AgriScience	
#	Lesson Title
AGRICULTURAL/HORTICULTURAL SCIENCE	
Problem Area 4. Identifying Basic Principles of Plant	
LC: C4-1	Classifying and Naming Plants
LC: C4-2	Examining Plant Structures and Functions
LC: C4-3	Examining Flowers and Fruits
LC: C4-4	Identifying Plant Types and Uses
CD: Animal, Plant, and Soil Science	
#	Lesson Title
UNIT C. PLANT AND SOIL SCIENCE	
Problem Area 2. Basic Principles of Plant Science	
LC: C2-1	Classifying and Naming Plants
LC: C2-2	Examining Plant Structures and Functions
LC: C2-4	Identifying Plant Types and Uses
Problem Area 9. Agronomic Crops	
LC: C9-1	Growing Field Corn
LC: C9-2	Growing Soybeans
LC: C9-3	Growing Wheat
LC: C9-4	Growing Sorghum
LC: C9-5	Growing Oats
LC: C9-6	Growing Forage Crops
LC: C9-7	Identifying Specialty Crops and Their Value
Problem Area 12. Grain and Forage Quality	
LC: C12-1	Determining Grain and Forage Quality
CD: Horticulture	
#	Lesson Title
UNIT A. HORTICULTURAL SCIENCE	
Problem Area 2. Plant Anatomy and Physiology	
LC: A2-2	Understanding Root Anatomy
LC: A2-3	Understanding Stem Anatomy
LC: A2-4	Understanding Leaf Anatomy and Morphology

School Name: NM State FFA

Course Name: Dairy Cattle

Course Instructor: CDE

Date: 3/6/2007

CD: AgriScience	
#	Lesson Title
AGRICULTURAL/HORTICULTURAL SCIENCE	
Problem Area 5. Identifying Basic Principles of Animal	
LC: C5-2	Determining the Anatomy and Physiology of Animals
LC: C5-3	Understanding Animal Reproduction
CD: Animal, Plant, and Soil Science	
#	Lesson Title
UNIT B. ANIMAL SCIENCE AND THE INDUSTRY	
Problem Area 2. Identifying and Understanding the Segments	
LC: B2-2	Exploring the Dairy Industry
Problem Area 4. Understanding the Animal Reproduction and	
LC: B4-1	Systems
LC: B4-2	Understanding Natural Animal Reproduction
Problem Area 5. Maintaining Animal Health	
LC: B5-2	Managing Animal Health

School Name: NM State FFA

Course Name: Dairy Foods

Course Instructor: CDE

Date: 3/6/2007

CD: AgriScience	
#	Lesson Title
AGRICULTURAL/HORTICULTURAL SCIENCE	
Problem Area 11. Understanding Food Science	
LC: C11-1	Exploring Food Science and its Benefits
LC: C11-4	Food Safety and Sanitation
LC: C11-5	The Business of Food Science
LC: C11-6	Food Science and World Food Supply

School Name: NM State FFA

Course Name: Entomology

Course Instructor: CDE

Date: 3/6/2007

CD: Animal, Plant, and Soil Science	
#	Lesson Title
UNIT C. PLANT AND SOIL SCIENCE	
Problem Area 11. Pesticide Use	
LC: C11-6	Managing Environmental Impact of Pesticides
CD: Environmental Resources	
#	Lesson Title
UNIT A. NATURAL RESOURCES	
Problem Area 1. Introduction to Natural Resources	
LC: A1-2	Understanding Ecology and Ecosystems

School Name: NM State FFA

Course Name: Farm Business Management

Course Instructor: CDE

Date: 3/6/2007

CD: AgriScience	
#	Lesson Title
AGRICULTURAL/HORTICULTURAL INDUSTRY	
Problem Area 3. Using Mathematics SKills	
LC: B3-3	Calculating Interest Rates
UNIT D. BASIC AGRIBUSINESS PRINCIPLES AND SKILLS	
Problem Area 1. Managing Personal Finance	
LC: D1-1	Understanding Personal Finances and Goals
LC: D1-2	Understanding the Concept of Borrowing Money
Problem Area 3. Keeping and Using Records in Agricultural	
LC: D3-1	Understanding Record Keeping
LC: D3-2	Statements and Computerized Record Keeping
LC: D3-3	Understanding Budgets and Financial Analysis Ratios
Problem Area 4. Applying Basic Economic Principles in	
LC: D4-2	Costs
CD: Agribusiness Management	
#	Lesson Title
UNIT A. INTRODUCTION TO AGRIBUSINESS	
Problem Area 3. Applying Basic Economic Principles in	
LC: A3-2	Costs
LC: A3-3	Understanding the Value of Time and Money
UNIT B. STARTING AND OPERATING THE AGRIBUSINESS	
Problem Area 2. Financing the Agribusiness	
LC: B2-1	Understanding Personal Finances and Goals
LC: B2-2	Understanding the Concept of Borrowing Money
LC: B2-4	Calculating Interest Rates
Problem Area 3. Keeping and Using Records in an	
LC: B3-1	Understanding Record Keeping
LC: B3-2	Statements and Computerized Record Keeping
LC: B3-3	Understanding Budgets and Financial Analysis Ratios
LC: B3-4	Using Financial Statements in Business Decisions
Problem Area 4. Operating the Agribusiness	
LC: B4-5	Completing Various Agribusiness Forms

School Name: NM State FFA

Course Name: Floriculture

Course Instructor: CDE

Date: 3/6/2007

CD: AgriScience	
#	Lesson Title
AGRICULTURAL/HORTICULTURAL INDUSTRY	
Problem Area 7. Gaining Employment	
LC: B7-3	Identifying Occupational Competencies
CD: Horticulture	
#	Lesson Title
UNIT B. FLORICULTURE	
Problem Area 2. Floral Design	
LC: B2-3	Understanding the Principles of Floral Design
LC: B2-4	Understanding the Design Elements
LC: B2-5	Designing Corsages and Boutonnieres
LC: B2-6	Designing Basic Floral Work
LC: B2-7	Designing Centerpieces and Holiday Arrangements

School Name: NM State FFA

Course Name: Forestry

Course Instructor: CDE

Date: 3/6/2007

CD: Environmental Resources	
#	Lesson Title
UNIT A. NATURAL RESOURCES	
Problem Area 1. Introduction to Natural Resources	
LC: A1-1	Exploring Natural Resources
LC: A1-3	Resources
UNIT B. PLANT WILDLIFE MANAGEMENT	
Problem Area 1. Introduction to Forestry	
LC: B1-2	Understanding Forest Ecology
Problem Area 2. Tree Growth and Development	
LC: B2-1	Examining the Structures of a Tree

School Name: NM State FFA

Course Name: Homesite

Course Instructor: CDE

Date: 3/6/2007

CD: AgriScience	
#	Lesson Title
AGRICULTURAL/HORTICULTURAL SCIENCE	
Problem Area 1. Using Basic Soil Science Principles	
LC: C1-2	Understanding Soil Texture and Structure
LC: C1-3	Explaining a Soil Profile
LC: C1-4	Understanding Moisture Holding Capacity
LC: C1-5	Understanding Soil Degradation
LC: C1-6	Practices
CD: Animal, Plant, and Soil Science	
#	Lesson Title
UNIT C. PLANT AND SOIL SCIENCE	
Problem Area 6. Basic Principles of Soil Science	
LC: C6-1	Determining the Nature of Soil
LC: C6-2	Understanding Soil Formation
LC: C6-3	Understanding Soil Color
CD: Horticulture	
#	Lesson Title
UNIT A. HORTICULTURAL SCIENCE	
Problem Area 4. Growing Media, Nutrients, and Fertilizers	
LC: A4-4	Determining the Nature of Soil
LC: A4-5	Understanding Soil Texture and Structure
LC: A4-8	Understanding Soil Degradation
LC: A4-9	Understanding Soil Erosion and Management
	Practices
CD: Agricultural Mechanics & Technology	
#	Lesson Title
UNIT A. MECHANICAL SYSTEMS AND TECHNOLOGY	
Problem Area 2. Soil and Environmental Technology Systems	
LC: A2-1	Descriptions
LC: A2-3	Applying Profile Leveling Techniques
LC: A2-4	Applying Differential Leveling Techniques
LC: A2-6	Understanding Soil Drainage Systems
CD: Environmental Resources	
#	Lesson Title

UNIT A. NATURAL RESOURCES	
Problem Area 2. Soil	
LC: A2-1	Understanding the Importance of Soil
LC: A2-2	Determining Land Use
LC: A2-5	Understanding Soil Color
LC: A2-6	Understanding Soil Texture and Structure
LC: A2-7	Explaining a Soil Profile
LC: A2-9	Understanding Soil Degradation
LC: A2-10	Practices

School Name: NM State FFA

Course Name: Horse Evaluation

Course Instructor: CDE

Date: 3/6/2007

CD: AgriScience	
#	Lesson Title
AGRICULTURAL/HORTICULTURAL SCIENCE	
Problem Area 5. Identifying Basic Principles of Animal	
LC: C5-2	Determining the Anatomy and Physiology of Animals
CD: Animal, Plant, and Soil Science	
#	Lesson Title
UNIT B. ANIMAL SCIENCE AND THE INDUSTRY	
Problem Area 2. Identifying and Understanding the Segments	
LC: B2-5	Exploring the Equine Industry

School Name: NM State FFA

Course Name: Horticulture Produce

Course Instructor: CDE

Date: 3/6/2007

CD: AgriScience	
#	Lesson Title
AGRICULTURAL/HORTICULTURAL SCIENCE	
Problem Area 4. Identifying Basic Principles of Plant	
LC: C4-1	Classifying and Naming Plants
LC: C4-2	Examining Plant Structures and Functions
LC: C4-3	Examining Flowers and Fruits
LC: C4-4	Identifying Plant Types and Uses
Problem Area 11. Understanding Food Science	
LC: C11-1	Exploring Food Science and its Benefits
CD: Animal, Plant, and Soil Science	
#	Lesson Title
UNIT C. PLANT AND SOIL SCIENCE	
Problem Area 2. Basic Principles of Plant Science	
LC: C2-1	Classifying and Naming Plants
LC: C2-2	Examining Plant Structures and Functions
LC: C2-3	Examining Flowers and Fruits
LC: C2-4	Identifying Plant Types and Uses

School Name: NM State FFA

Course Name: Land Evaluation

Course Instructor: CDE

Date: 3/6/2007

CD: AgriScience	
#	Lesson Title
AGRICULTURAL/HORTICULTURAL SCIENCE	
Problem Area 1. Using Basic Soil Science Principles	
LC: C1-1	Determining the Nature of Soil
LC: C1-2	Understanding Soil Texture and Structure
LC: C1-3	Explaining a Soil Profile
LC: C1-4	Understanding Moisture Holding Capacity
LC: C1-5	Understanding Soil Degradation
LC: C1-6	Practices
Problem Area 9. Conserving Natural Resources	
LC: C9-2	Conserving Soil
CD: Animal, Plant, and Soil Science	
#	Lesson Title
UNIT C. PLANT AND SOIL SCIENCE	
Problem Area 6. Basic Principles of Soil Science	
LC: C6-1	Determining the Nature of Soil
LC: C6-2	Understanding Soil Formation
LC: C6-3	Understanding Soil Color
CD: Horticulture	
#	Lesson Title
UNIT A. HORTICULTURAL SCIENCE	
Problem Area 4. Growing Media, Nutrients, and Fertilizers	
LC: A4-4	Determining the Nature of Soil
LC: A4-5	Understanding Soil Texture and Structure
LC: A4-8	Understanding Soil Degradation
LC: A4-9	Understanding Soil Erosion and Management
	Practices
CD: Agricultural Mechanics & Technology	
#	Lesson Title
UNIT A. MECHANICAL SYSTEMS AND TECHNOLOGY	
Problem Area 2. Soil and Environmental Technology Systems	
LC: A2-6	Understanding Soil Drainage Systems
CD: Environmental Resources	
#	Lesson Title

UNIT A. NATURAL RESOURCES	
Problem Area 2. Soil	
LC: A2-1	Understanding the Importance of Soil
LC: A2-2	Determining Land Use
LC: A2-3	Determining the Nature of Soil
LC: A2-4	Understanding Soil Formation
LC: A2-5	Understanding Soil Color
LC: A2-6	Understanding Soil Texture and Structure
LC: A2-7	Explaining a Soil Profile
LC: A2-9	Understanding Soil Degradation
LC: A2-10	Practices
Problem Area 3. Water	
LC: A3-5	Maintaining Watersheds

School Name: NM State FFA

Course Name: Landscape Design

Course Instructor: CDE

Date: 3/6/2007

CD: Horticulture	
#	Lesson Title
UNIT B. FLORICULTURE	
Problem Area 2. Floral Design	
LC: B2-4	Understanding the Design Elements
Problem Area 3. Interior Plantscaping	
LC: B3-1	Installing Interior Plantscapes
LC: B3-2	Maintaining Interior Plantscapes
UNIT C. NURSERY, LANDSCAPING, AND GARDENING	
Problem Area 2. Residential Landscape Design	
LC: C2-1	Analyzing the Residential Landscape
LC: C2-2	Designing the Landscape Areas
LC: C2-3	Beginning the Design Process
LC: C2-4	Applying the Principles of Art to the Landscape
LC: C2-5	Using Annuals and Perennials in the Landscape
LC: C2-6	Choosing Plants for the Landscape
LC: C2-7	Putting the Plan on Paper

School Name: NM State FFA

Course Name: Livestock Evaluation

Course Instructor: CDE

Date: 3/6/2007

CD: AgriScience	
#	Lesson Title
AGRICULTURAL/HORTICULTURAL SCIENCE	
Problem Area 5. Identifying Basic Principles of Animal	
LC: C5-2	Determining the Anatomy and Physiology of Animals
CD: Animal, Plant, and Soil Science	
#	Lesson Title
UNIT B. ANIMAL SCIENCE AND THE INDUSTRY	
Problem Area 2. Identifying and Understanding the Segments	
LC: B2-1	Exploring the Beef Industry
LC: B2-3	Exploring the Swine Industry
LC: B2-4	Exploring the Sheep and Goat Industry

School Name: NM State FFA

Course Name: Meats Evaluation

Course Instructor: CDE

Date: 3/6/2007

CD: AgriScience	
#	Lesson Title
AGRICULTURAL/HORTICULTURAL INDUSTRY	
Problem Area 8. Developing Safety Skills	
LC: B8-2	Prevent Them
AGRICULTURAL/HORTICULTURAL SCIENCE	
Problem Area 5. Identifying Basic Principles of Animal	
LC: C5-2	Determining the Anatomy and Physiology of Animals
CD: Animal, Plant, and Soil Science	
#	Lesson Title
UNIT B. ANIMAL SCIENCE AND THE INDUSTRY	
Problem Area 2. Identifying and Understanding the Segments	
LC: B2-1	Exploring the Beef Industry
LC: B2-3	Exploring the Swine Industry
LC: B2-4	Exploring the Sheep and Goat Industry

School Name: NM State FFA

Course Name: Nursery/ Landscape

Course Instructor: CDE

Date: 3/6/2007

CD: AgriScience	
#	Lesson Title
AGRICULTURAL/HORTICULTURAL SCIENCE	
Problem Area 4. Identifying Basic Principles of Plant	
LC: C4-1	Classifying and Naming Plants
LC: C4-2	Examining Plant Structures and Functions
LC: C4-3	Examining Flowers and Fruits
LC: C4-4	Identifying Plant Types and Uses
CD: Animal, Plant, and Soil Science	
#	Lesson Title
UNIT C. PLANT AND SOIL SCIENCE	
Problem Area 2. Basic Principles of Plant Science	
LC: C2-1	Classifying and Naming Plants
LC: C2-2	Examining Plant Structures and Functions
LC: C2-4	Identifying Plant Types and Uses
Problem Area 3. Seed Germination, Growth, and	
LC: C3-2	Understanding Plant Life Cycles
CD: Horticulture	
#	Lesson Title
UNIT A. HORTICULTURAL SCIENCE	
Problem Area 2. Plant Anatomy and Physiology	
LC: A2-1	Classifying Ornamental Plants
LC: A2-2	Understanding Root Anatomy
LC: A2-5	Understanding Flower Anatomy
UNIT B. FLORICULTURE	
Problem Area 2. Floral Design	
LC: B2-4	Understanding the Design Elements
UNIT C. NURSERY, LANDSCAPING, AND GARDENING	
Problem Area 2. Residential Landscape Design	
LC: C2-1	Analyzing the Residential Landscape
LC: C2-2	Designing the Landscape Areas
LC: C2-3	Beginning the Design Process
LC: C2-4	Applying the Principles of Art to the Landscape
LC: C2-5	Using Annuals and Perennials in the Landscape
LC: C2-6	Choosing Plants for the Landscape
CD: Environmental Resources	
#	Lesson Title

UNIT B. PLANT WILDLIFE MANAGEMENT	
Problem Area 2. Tree Growth and Development	
LC: B2-1	Examining the Structures of a Tree

School Name: NM State FFA

Course Name: Pasture and Range

Course Instructor: CDE

Date: 3/6/2007

CD: AgriScience	
#	Lesson Title
AGRICULTURAL/HORTICULTURAL SCIENCE	
Problem Area 4. Identifying Basic Principles of Plant	
LC: C4-1	Classifying and Naming Plants
LC: C4-2	Examining Plant Structures and Functions
CD: Animal, Plant, and Soil Science	
#	Lesson Title
UNIT C. PLANT AND SOIL SCIENCE	
Problem Area 2. Basic Principles of Plant Science	
LC: C2-1	Classifying and Naming Plants
LC: C2-2	Examining Plant Structures and Functions
Problem Area 7. Soil Erosion and Land Management	
LC: C7-2	Using Land Capability Classifications
CD: Horticulture	
#	Lesson Title
UNIT A. HORTICULTURAL SCIENCE	
Problem Area 2. Plant Anatomy and Physiology	
LC: A2-4	Understanding Leaf Anatomy and Morphology

School Name: NM State FFA

Course Name: Poultry

Course Instructor: CDE

Date: 3/6/2007

CD: AgriScience	
#	Lesson Title
AGRICULTURAL/HORTICULTURAL SCIENCE	
Problem Area 5. Identifying Basic Principles of Animal	
LC: C5-2	Determining the Anatomy and Physiology of Animals
Problem Area 11. Understanding Food Science Technology	
LC: C11-1	Exploring Food Science and its Benefits
CD: Animal, Plant, and Soil Science	
#	Lesson Title
UNIT B. ANIMAL SCIENCE AND THE INDUSTRY	
Problem Area 2. Identifying and Understanding the Segments	
LC: B2-6	Exploring the Poultry Industry

School Name: NM State FFA

Course Name: Wildlife

Course Instructor: CDE

Date: 3/6/2007

CD: AgriScience	
#	Lesson Title
AGRICULTURAL/HORTICULTURAL SCIENCE	
Problem Area 9. Conserving Natural Resources	
LC: C9-4	Conserving Wildlife
CD: Environmental Resources	
#	Lesson Title
UNIT A. NATURAL RESOURCES	
Problem Area 1. Introduction to Natural Resources	
LC: A1-3	Resources
Problem Area 5. Outdoor Recreation	
LC: A5-1	Understanding Outdoor Recreational enterprises
UNIT C. ANIMAL WILDLIFE MANAGEMENT	
Problem Area 1. Introduction to Wildlife	
LC: C1-1	Conservation
Problem Area 2. Wildlife Biology and Ecosystems	
LC: C2-2	Understanding the Food Chain and Natural Selection
LC: C2-3	Importance
LC: C2-4	Conserving Wildlife and Wildlife Habitat
Problem Area 4. Game Birds Management	
LC: C4-1	Identifying and Classifying Game Birds
LC: C4-4	Evaluating Wildlife Habitats
Problem Area 5. Game Animals Management	
LC: C5-1	Identifying and Classifying Game Animals
LC: C5-4	Evaluating Wildlife Habitats
LC: C5-5	Managing Wildlife Populations
Problem Area 6. Safety and Ethics	
LC: C6-2	Understanding Hunting Ethics

School Name: NM State FFA

Course Name: Wool Evaluation

Course Instructor: CDE

Date: 3/6/2007

CD: AgriScience	
#	Lesson Title
AGRICULTURAL/HORTICULTURAL SCIENCE	
Problem Area 5. Identifying Basic Principles of Animal	
LC: C5-6	Exploring the Animal Industry