

Curriculum Standard: The student will understand the importance of domestic animals, their welfare, and their use in modern society.

Performance Objective	Critical Attributes	Benchmarks/Assessment
<p>1. The student will verbalize the difference in public position on Animal Rights and Animal Welfare.</p> <p>2. The student will relate the importance of animal use as it affects man.</p>	<p>A. Can the student discuss the difference between Animal Rights and Animal Welfare?</p> <p>A. Can the student identify different livestock uses and their economic importance in the United States?</p>	<ul style="list-style-type: none">• The student will discuss current issues in Animal Welfare.• Given a species, the student will discuss the various uses and economic importance of that species.

Curriculum Standard: The student will describe the principles of animal production.

Performance Objective	Critical Attributes	Benchmarks/Assessment
<p>1. The student will identify different marketing strategies.</p> <p>2. The student will compare the importance of animal production across the United States.</p>	<p>A. Can the student list the major animal production types common to United States marketing areas?</p> <p>A. Can the student discuss the economic importance of animal products and world economics?</p>	<ul style="list-style-type: none"> • The student will develop a paper discussing current practices in marketing agricultural products. • Given a species of livestock, the student will develop a management schedule to include all appropriate management practices.

Curriculum Standard: The student will understand the nature of disease as it applies to animal health.

Performance Objective	Critical Attributes	Benchmarks/Assessment
<p>1. The student will recognize the importance of proper nutrition.</p> <p>2. The student will discuss the factors that lead to poor health.</p> <p>3. The student will discuss the prevention and control of disease as applied to animal health.</p> <p>4. The student will prepare a health management program.</p> <p>5. The student will identify various symptoms of common diseases.</p>	<p>A. Can the student recognize the major nutrition areas?</p> <p>A. Can the student identify ill health and facilitate effective prevention?</p> <p>A. Can the student list the identifying symptoms of ill health in four species of common livestock?</p> <p>A. Can the student develop a healthy situation to raise animals in?</p> <p>A. Can the student list the common diseases and how they appear in livestock?</p>	<ul style="list-style-type: none"> • The student will do a research paper on a disease. • The student will do a collage of internal and external parasites and pests. • Given a disease, the student will be able to describe the disease, its prevention, its cause, its symptoms, its control, and transmissibility to man. • The student will identify a healthy animal through vital signs and visual inspection. As well as suggest proper restraint techniques for the given situation.

***Curriculum Standard:* The student will understand basic genetics with regards to animal production and selection.**

Performance Objective	Critical Attributes	Benchmarks/Assessment
<p>1. The student will utilize genetic principles in animal selection.</p> <p>2. The student will defend/justify phenotypic and genotypic predictions.</p> <p>3. The student will explain the process of fertilization and its importance in genetics.</p> <p>4. The student will compare and contrast dominant and recessive traits.</p>	<p>A. Can the student recognize the role of genetics in animal selection?</p> <p>A. Can the student make predications given phenotypic and genotypic information?</p> <p>A. Can the student explain the process of fertilization and discuss the importance of it in genetics?</p> <p>A. Can the student discuss the difference between dominant and recessive trait?</p>	<ul style="list-style-type: none"> • For a modern meat animal, the student will generate a list of genetic traits important in the production of that animal. • The student will use information on phenotypes for animal selection.

Curriculum Standard: The student will understand the anatomy and physiology of the major organ systems of animals.

Performance Objective	Critical Attributes	Benchmarks/Assessment
<p>1. The student will perform basic identification and function for each of the systems listed below:</p> <ul style="list-style-type: none"> ◆ Reproductive System ◆ Digestive System ◆ Circulatory ◆ Respiratory ◆ Endocrine ◆ Skeletal ◆ Muscle ◆ Nervous ◆ Excretory 	<p>A. Can the student list the components of all major body systems?</p>	<ul style="list-style-type: none"> • The student will describe the major body system exploration . • The student will do an essay on body functions. • The student will do journal entries describing body systems.

***Curriculum Standard:* The student will understand the principles of animal nutrition and feeding.**

Performance Objective	Critical Attributes	Benchmarks/Assessment
<ol style="list-style-type: none"> 1. The student will recognize major feed ingredients. 2. The student will develop feed usage charts. 3. The student will illustrate digestible systems of three animal groups. 	<ol style="list-style-type: none"> A. Can the student identify given feed samples? A. Can the student develop feed ration? A. Can the student diagram different animal digestive tracts? 	<ul style="list-style-type: none"> • The student will do cost-effective ration formulation and balancing. • The student will do feed identification. • The student will develop minimum daily requirements for nutrition.

Curriculum Standard: The student will develop an understanding of how to conduct a job search, interview, produce a resume, and be aware of future employment opportunities in the field of animal science.

Performance Objective	Critical Attributes	Benchmarks/Assessment
<ol style="list-style-type: none"> 1. The student will interview for a job. 2. The student will understand the importance of first impressions. 3. The student will develop listening and communications skills. 4. The student will construct a resume. 5. The student will explore career opportunities in animal science. 6. The student will recognize qualities needed for identified animal science occupations. 	<ol style="list-style-type: none"> A. Can the student successfully identify the factors involved in job candidate assessment? 	<ul style="list-style-type: none"> • The student will participate in mock interviews. • The student will do a job search portfolio.

Curriculum Standard: The student will understand the relationship between a supervised agricultural experience project (SAEP) and their preparation of a career in agriculture.

Performance Objective	Critical Attributes	Benchmarks/Assessment
<ol style="list-style-type: none"> 1. The student will perform career exploration activities. 2. The student will discuss SAEP responsibilities 	<ol style="list-style-type: none"> A. Can the student carry on an SAEP? A. Can the student relate responsibility skills gained during SAEP to career expectations? 	<ul style="list-style-type: none"> • The student will complete a SAEP.

Curriculum Standard: The student will understand the principles of record keeping.

Performance Objective	Critical Attributes	Benchmarks/Assessment
<ol style="list-style-type: none"> 1. The student will recognize the importance of keeping accurate records. 2. The student will maintain and complete a California Agriculture Record Book. 3. The student will discuss the consequences of inaccurate records. 	<ol style="list-style-type: none"> A. Can the student explain reasons behind keeping accurate records? A. Can the student maintain and complete a California Agricultural Record Book? A. Can the student list the consequences of inaccurate record keeping? 	<ul style="list-style-type: none"> • Given a choice of several examples of Supervised Practical Experience options, the student will complete the California Vocational Agriculture Record Book. The student will complete the record book based upon information provided by the instructor for his/her selected project and make decisions about various methods and systems of record keeping.