

Agricultural Education:

School Year 2011-2012

Small Animal Care

Course Code # 5122 or 5172

Term: Fall Spring

$\frac{1}{2}$ Credit

Competencies denoted by $\frac{1}{2}$ must be taught if the course is offered for $\frac{1}{2}$ credit.

Student:	Grade:
Teacher: Mrs. Terri Lea	School: Brighton HS
# of Comp credit <u>31</u>	

Learning Expectations - Standard 1.0 The student will evaluate the history of animals on earth, the classification of organisms, the domestication of animals, and the importance of the small animal industry.

1.1	Evaluate the historical use of domesticated animals.	$\frac{1}{2}$
1.2	Assess the process of and reasons for animal domestication.	$\frac{1}{2}$
1.3	Classify animals using scientific nomenclature.	$\frac{1}{2}$
1.4	Evaluate the impact of the small animal industry in the home and business environment.	$\frac{1}{2}$

Learning Expectations - Standard 2.0 The student will explain and demonstrate safety techniques used when working with small animals.

2.1	Analyze diseases that may be transmitted from animals to humans.	$\frac{1}{2}$
2.2	Demonstrate steps to prevent infection in animals and humans.	$\frac{1}{2}$
2.3	Evaluate methods for restraining animals for the safety of the handler and the animal.	$\frac{1}{2}$
2.4	Examine steps used to mix and handle chemicals safely.	$\frac{1}{2}$

Standard 3.0 The student will evaluate responsible pet ownership, the benefits of pets to humans, and the use of euthanasia.

Learning Expectations		
3.1	Assess factors that should be considered in choosing a household pet.	$\frac{1}{2}$
3.2	Compare different options for obtaining a pet.	$\frac{1}{2}$
3.3	Evaluate steps for being a responsible pet owner.	$\frac{1}{2}$
3.4	Evaluate the benefits of pets in society.	1
3.5	Examine the use of euthanasia in controlling pets.	1

Standard 4.0 The student will evaluate issues regarding human use of animals for food, pleasure and experimentation.

Learning Expectations		Check the appropriate Mastery or Non-Mastery column
4.1	Analyze animal rights and animal welfare in the livestock industry.	$\frac{1}{2}$
4.2	Summarize important persons, organizations, and dates associated with animal rights and animal welfare.	$\frac{1}{2}$

Standard 5.0 The student will evaluate the anatomy of an animal's digestive system and the importance of proper nutrition.

Learning Expectations		
5.1	Summarize terms related to animal nutrition.	$\frac{1}{2}$
5.2	Examine the basic nutrient requirements for different animals.	$\frac{1}{2}$
5.3	Distinguish between ruminant and nonruminant animals.	$\frac{1}{2}$
5.4	Specify the various nutrients that are important in the diets of animals during their life cycles.	$\frac{1}{2}$

Standard 6.0 The student will evaluate the breeds, characteristics, care, feeding and health of dogs and cats.

Learning Expectations		
6.1	Evaluate the history of the breeds of dogs and cats.	1
6.2	Assess housing needs for dogs and cats.	1
6.3	Evaluate the behavior and instincts of dogs and cats.	1
6.4	Examine the specific nutritional requirements of dogs and cats.	1
6.5	Assess the effects of common diseases of dogs and cats.	1
6.6	Examine the reproductive cycles and breeding methods for dogs and cats.	1

Standard 7.0 The student will evaluate the breeds, characteristics, care, feeding and health of rabbits, chinchillas, and guinea pigs.

Learning Expectations		
7.1	Evaluate the history of the breeds of rabbits, chinchillas, and guinea pigs.	1
7.2	Assess housing needs for rabbits, chinchillas, and guinea pigs.	1
7.3	Evaluate the behavior and instincts of rabbits, chinchillas, and guinea pigs.	1
7.4	Examine the specific nutritional requirements of rabbits, chinchillas, and guinea pigs.	1
7.5	Assess the effects of common diseases of rabbits, chinchillas, and guinea pigs.	1
7.6	Examine the reproductive cycles and breeding methods for rabbits, chinchillas, and guinea pigs.	1

Standard 8.0 The student will evaluate the breeds, characteristics, care, feeding and health of hamsters, rats, mice, gerbils, and ferrets.

Learning Expectations		Check the appropriate Mastery or Non-Mastery column
8.1	Evaluate the history of the breeds of hamsters, rats, mice, gerbils, and ferrets.	1
8.2	Assess housing needs for hamsters, rats, mice, gerbils, and ferrets.	1
8.3	Evaluate the behavior and instincts of hamsters, rats, mice, gerbils, and ferrets.	1
8.4	Examine the specific nutritional requirements of hamsters, rats, mice, gerbils, and ferrets.	1
8.5	Assess the effects of common diseases of hamsters, rats, mice, gerbils, and ferrets.	1
8.6	Examine the reproductive cycles and breeding methods for hamsters, rats, mice, gerbils, and ferrets.	1

Learning Expectations Standard 9.0 The student will evaluate the breeds, characteristics, care, feeding and health of birds, fish, amphibians and reptiles.

9.1	Evaluate the history of the breeds of birds, fish, amphibians and reptiles.	1
9.2	Assess housing needs for birds, fish, amphibians and reptiles.	1
9.3	Evaluate the behavior and instincts of birds, fish, amphibians and reptiles.	1
9.4	Examine the specific nutritional requirements of birds, fish, amphibians and reptiles.	1
9.5	Assess the effects of common diseases of birds, fish, amphibians and reptiles.	1
9.6	Examine the reproductive cycles and breeding methods for birds, fish, amphibians and reptiles.	1

Learning Expectations Standard 10.0 The student will develop premier leadership and personal growth needed for careers in animal care.

10.1	Construct and use spreadsheets and databases to keep records on animal nutrition and breeding.	$\frac{1}{2}$
10.2	Using current resources, present information on animal nutrition or disease prevention.	$\frac{1}{2}$
10.3	Convert English units of measurement to metric units.	$\frac{1}{2}$
10.4	Use ratios to determine feeding requirements for animals.	$\frac{1}{2}$
10.5	Read and construct graphs on animal growth.	$\frac{1}{2}$
10.6	Calculate treatment dosages using the labels.	$\frac{1}{2}$
10.7	Diagram gross anatomy of animals.	$\frac{1}{2}$
10.8	Examine an animal's physiology.	$\frac{1}{2}$
10.9	Determine an animal's nutritional needs.	$\frac{1}{2}$
10.10	Utilize the scientific method in analyzing health problems of animals.	$\frac{1}{2}$
10.11	Use nomenclature classification to group animals.	

Learning Expectations - Standard 11.0 The student will develop premier leadership and personal growth needed for careers in animal care.

11.1	Evaluate possible SAEP, supervised agricultural experience program, opportunities in small animal care.	$\frac{1}{2}$
11.2	Relate the knowledge and skills learned in an SAEP to an agricultural career or hobby.	$\frac{1}{2}$
11.3	Demonstrate skills needed for effective leadership.	$\frac{1}{2}$
11.4	Demonstrate methods and techniques of parliamentary procedure.	1
11.5	Assess career opportunities associated with small animal care.	1
11.6	Recommend sources for obtaining information for advanced training in the care and marketing of companion animals.	1