

## Expectations and Outcomes

Grade Level/Course:10-12

Content Area: Agriculture

Unit Title	Guarantees
Week #1	<ul style="list-style-type: none"> <li>• Demonstrate classroom and course expectations.</li> <li>• Create a care manual for a small animal.</li> <li>• Devise and compile records on a Supervised Agricultural Experience program (SAE).</li> <li>• Describe opportunities in the FFA.</li> </ul>
Week #2	<ul style="list-style-type: none"> <li>• Research a unique aspect of an animal's anatomy / physiology.</li> <li>• Summarize research in a class presentation.</li> </ul>
Week #3	<ul style="list-style-type: none"> <li>• Summarize information about a small animal's anatomy / physiology.</li> <li>• Explain how the animal shelter is organized.</li> <li>• Describe the importance of ethology.</li> <li>• Generate and interpret an ethogram for an animal.</li> <li>• Describe methods of restraining &amp; handling animals.</li> </ul>
Week #4	<ul style="list-style-type: none"> <li>• Summarize information about a small animal's behavior.</li> <li>• Demonstrate proper restraint of animals.</li> <li>• Demonstrate basic dog obedience techniques.</li> <li>• Name, locate &amp; recognize the functions of the parts of the digestive systems of ruminant &amp; non-ruminant animals.</li> <li>• Interpret a feed bag tag.</li> </ul>
Week #5	<ul style="list-style-type: none"> <li>• Calculate a balanced ration.</li> <li>• Summarize information about feeding a small animal.</li> <li>• Demonstrate basic dog obedience techniques.</li> <li>• Explain how genetics relates to improvement in animals.</li> <li>• Predict the mating of two animals by using a Punnett square.</li> </ul>
Week #6	<ul style="list-style-type: none"> <li>• Identify &amp; recognize the function of male &amp; female reproductive organs.</li> <li>• Describe the function of the endocrine glands &amp; hormones in reproduction.</li> <li>• Explain the use of genetic engineering in animal science.</li> <li>• Summarize reproduction aspects of a small animal.</li> </ul>

<b>Unit Title</b>	<b>Guarantees</b>
	<ul style="list-style-type: none"> <li>• Demonstrate basic small animal grooming.</li> </ul>
Week #7	<ul style="list-style-type: none"> <li>• Assess an animal's health.</li> <li>• Explain how diseases spread.</li> <li>• Describe how vaccines work.</li> <li>• Generate a diagram of the life cycle of a parasite.</li> <li>• Summarize health care &amp; grooming aspects of a small animal.</li> <li>• Demonstrate taking vital signs of and giving injections to animals.</li> </ul>
Week #8	<ul style="list-style-type: none"> <li>• Compare the views of using animals.</li> <li>• Defend a viewpoint of animal use.</li> <li>• Summarize the care of a small animal through the presentation of a created care manual.</li> </ul>
Week #9	<ul style="list-style-type: none"> <li>• Assess and summarize a variety of current animal science issues.</li> </ul>