Florida CTE

Agriculture, Food and Natural Resources: Animal Science and Services 5: Grades 9-12

Discuss animal marketing techniques. The student will be able to: 31.0	1 **Collect and interpret market reports and identify market outlets for companion and food-producing animals.** 31.1
	2 **Determine market grades of animal and animal products.** 31.2
	3 **Examine the impacts of industry promotion campaigns.** 31.3
Apply advanced animal health practices. The student will be able to: 32.0	1 **Administer prescribed injections (under supervision).** 32.1
	2 **Discuss proper disposal of deceased animals.** 32.2
	3 **Determine when euthanasia is appropriate.** 32.3
	4 **Discuss AVMA approved methods of euthanasia.** 32.4
	5 **Discuss BMPs (Best Management Practices) associated with castration, dehorning, docking, debeaking, and/or another component of livestock management.** 32.5
Maintain and analyze records. The student will be able to: 33.0	1 **Maintain and analyze animal records.** 33.1
	2 **Maintain and analyze basic business records (inventory, depreciation, receipts, and expenses) using computer applications.** 33.2
	3 **Prepare and maintain Supervised Agricultural Experience (SAE) records.** 33.3
Perform emergency first aid on animals. The student will be able to: 34.0	1 **Evaluate the health status of the animals.** 34.1
	2 **Isolate injured animals.** 34.2
	3 **Demonstrate how to properly cleanse wounds and apply antiseptic.** 34.3
	4 **Immobilize fractured limbs.** 34.4
	dentify and stop external bleeding. 34.5
	.now when to seek additional medical attention for animals. 34.6

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Implement procedures to ensure that animal products are safe. The student will be able to: 35.0	1 **Research and summarize animal production practices that may pose health risks.** 35.1
	2 **Analyze consumer concerns with animal production practices relative to human health.** 35.2
	3 **Research and evaluate programs to assure the safety of animal products for consumption.** 35.3
	4 **Identify and describe animal tracking systems used in animal systems (e.g., livestock, companion animal, exotics, etc.).** 35.4
	5 **Analyze and summarize the impact of animal trace-back capabilities on producers and consumers.** 35.5
	6 **Evaluate the effectiveness of animal and/or premise identification programs for a given species.** 35.6
Identify, select, and breed food-producing animals. The student will be able to: 36.0	1 **Appraise animal conformation and desirable characteristics and breeds.** 36.1
	2 **Justify reasons for culling offspring.** 36.2
	3 **Identify signs of parturition.** 36.3
	4 **Identify common disorders of parturition.** 36.4
	5 **Prepare animals and facilities for parturition.** 36.5
	6 **Assist in the delivery of newborn animals.** 36.6
Analyze county, state and federal agencies that support the animal industry. The student will be able to: 37.0	1 **Identify agencies that support the animal industry.** 37.1
	2 **Research technical assistance, disaster relief, grants, and other available programs.** 37.2
	3 **Inquire about career opportunities within these agencies.** 37.3