

Principles of Agricultural Science – Animal National AFNR Career Cluster Animal Systems Career Pathway Content Standards Alignment Matrix

Key: o = Denotes a correlation in ideas and concepts in both standard and lessons but validation is required to infer direct instruction of standard	Unit 1: Worlds of Opportunity	Unit 2: History and Use of Animals	Unit 3: Animal Handling and Safety	Unit 4: Cells and Tissues	Unit 5: Animal Nutrition	Unit 6: Animal Reproduction	Unit 7: Genetics	Unit 8: Animal Health	Unit 9: Animal Products, Marketing, and Selection
Animal Systems Career Pathway Content Standards									
<ul style="list-style-type: none"> AS.01. Performance Element: Examine the components, historical development, global implications, and future trends of the animal systems industry. 	o	o	o			o			o
<ul style="list-style-type: none"> AS.02. Performance Element: Classify, evaluate, select, and manage animals based on anatomical and physiological characteristics. 		o	o	o	o	o	o	o	o
<ul style="list-style-type: none"> AS.03. Performance Element: Provide for the proper health care of animals. 				o	o			o	
<ul style="list-style-type: none"> AS.04. Performance Element: Apply principles of animal nutrition to ensure the proper growth, development, reproduction, and economic production of animals. 					o				
<ul style="list-style-type: none"> AS.05. Performance Element: Evaluate and select animals based on scientific principles of animal production. 							o		o
<ul style="list-style-type: none"> AS.06. Performance Element: Prepare and implement animal 			o						o

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handling procedures for the safety of animals, producers, and consumers of animal products.									
<ul style="list-style-type: none"> • AS.07. Performance Element: Select animal facilities and equipment that provide for the safe and efficient production, housing, and handling of animals. 			o						
<ul style="list-style-type: none"> • AS.08. Performance Element: Analyze environmental factors associated with animal production. 		o	o						

Table 1. Comparison of *National Agriculture, Food, and Natural Resources: Career Cluster Content Standards* and *Principles of Agricultural Science – Animal™*.

Source: National Council for Agricultural Education, *National AFNR Career Cluster Content Standards*
http://www.teamaged.org/council/images/stories/pdf/finalafnrstandardsv324609withisbn_000.pdf.

