

MS Ag Education: Level 1 (2025)

Ag Systems

Animal Science

- 1 OA1 Define key terminology related to animal science (maturity and gender of animals by species.) OA1
- 2 OA2 Understand the role, importance, and scope of livestock, companion, and exotic animals. OA2
- 3 OA3 Identify the basic needs of animals related to nutrition, housing, and care. OA3

Plant Science

- 4 OA4 Identify and describe major plant parts and their functions OA4
- 5 OA5 Determine the optimal conditions required for plant growth and germination. OA5
- 6 OA6 Explain the life cycle of plant growth (seed to plant to harvest) OA6

Consumerism

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OA7 Describe and explain the impact of agriculture on daily life. OA7

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OA8 Identify products and byproducts from livestock animals and plants. OA8

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OA9 Identify the sources of different types of food, fiber, fuel, and natural resources. OA9

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OA10 Describe the journey of food from farm to plate. OA10

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OA11 Identify the top 10 agricultural commodities specific to Kentucky. OA11

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OA12 Locate and map distinct agricultural commodities in Kentucky as they relate to geography. OA12

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Careers

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OA13 Understand the importance of having a career that meets student interests and life goals. OA13

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OA14 Explore the broad job and career opportunities that can be found in the agricultural industry. OA14

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Leadership

OA15 Explain the history, mission, and benefits of FFA. OA15

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OA16 Communicate basic concepts about agriculture through speeches, writings, and/or presentations. OA16

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