

Field 215 – Agricultural Education

Alignment of Test Framework Objectives with State and National Standards

Illinois Licensure Testing System Framework Objectives for Agricultural Education	State Board of Education Rules- Title 23 of the Illinois Administrative Code-27.400	American Association for Agricultural Education (AAAE)- National Standards for Teacher Education in Agriculture	Common Core State Standards Initiative-Common Core State Standards
Subarea I: Agricultural Education Programs			
0001 Understand the foundations of work and the career development process.	a1 A-B; a2 A-D	2.b.1	
0002 Apply principles for developing and implementing a comprehensive agricultural education program and organizing and managing facilities for agricultural education.	b1 C, D; b2 G- J; i1 A- D; i2 A-D	2.b.1	
0003 Understand how to plan, deliver, and evaluate instruction based on knowledge of the subject matter in the field of agriculture; student organizations; student, community, and industry needs; curriculum goals; and findings of educational research.	b1 A-D; b2 A-F, H; d1 A; d2 A; j1 A-C; j2 A-C; k1A-E; k2 A-E; l1 A-C; l2 A-C	2.b.1	
0004 Understand the process of reading, and apply knowledge of strategies for promoting students' reading development in the agricultural education classroom.	c1 A-H; c2 A-J		CCSSI: 6-12.R.I; 6-12.R.ST
Subarea II: Agricultural Business			
0005 Understand agricultural business management principles and practices.	f1 A, C; f2 A, C	2c.A	
0006 Understand agricultural business marketing principles and practices.	f1 A, B, D; f2 A, B, D	2c.A	

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0007 Understand the effects of economic factors and government policies on agriculture.	f1 A-B, D; f2 A-B, D	2c.A	
Subarea III: Plant Science and Agronomic and Horticultural Crops			
0008 Understand anatomy, physiology, reproduction, and genetics of plants.	d1 C; d2 C; g1 A, B; g2 A, B	2c.C	
0009 Understand characteristics, uses, production, and management of agronomic crops.	d1 C; d2 C	2c.C	
0010 Understand characteristics, uses, production, and management of horticultural crops.	d2 C; g1 A-H; g2 A-H	2c.C	
Subarea IV: Animal Science			
0011 Understand types, characteristics, and uses of domesticated animals.	d1 B; d2 B	2c.C	
0012 Understand the anatomy, physiology, reproduction, and genetics of animals.	d1 B; d2 B	2c.C	
0013 Understand principles and practices of animal production.	d1 B; d2 B	2c.C	
Subarea V: Agricultural Mechanics			
0014 Understand the uses, principles of operation, and maintenance of agricultural machinery and technology.	e1 A, B, E, G; e2 A, B, E, G	2c.B	

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0015 Understand agricultural structures and construction processes.	e1 C, D, F, G; e2 C, D, F, G	2c.B	
Subarea VI: Soil and Natural Resources			
0016 Understand characteristics, components, and properties of soil.	d1 D; d2 D; h2 C	2c.C	
0017 Understand principles and practices of agricultural and natural resources management.	h1 A-C; h2 A-C	2c.D	