

Alignment of OAE Agriscience Education Assessment Framework with Ohio-specified Standards

This alignment study identifies the national and/or Ohio educational standards that are addressed in whole or in part by each competency of the assessment framework. An indication of alignment does not necessarily imply complete congruence of the content of an OAE test competency with the relevant standard. The information in this document is subject to change if revisions are made to the assessment framework. Any changes will fully supersede the information contained in this draft.

Competencies		Ohio Educational Preparation Standards	Ohio Educator Standards	Ohio Student Standards	CCTC Standards
Agriscience		Career-Technical Baccalaureate Agriscience 2008 Ohio Program Standards	Ohio Standards for the Teaching Profession	Agriculture and Environmental Systems Career Field Technical Content Standards	The Common Career Technical Core Standards
<u>Agriscience Education</u>					
0001	Understand the role of communication and leadership in agriscience education.	5	2, 6		
0002	Understand careers and career development in agriculture.	8	2	Career Pathways 3.8; 3.9	AG
<u>Agricultural Business</u>					
0003	Understand core business concepts in agriculture.	3	2	3.1-3.12	AG; AG-BIZ
0004	Understand business management in agriculture.	3	2	3.1-3.10	AG; AG-BIZ
0005	Understand agricultural marketing.	3	2	3.1; 3.2; 3.4; 3.6; 3.7; 3.9; 3.11	AG; AG-BIZ

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<u>Plant and Soil Science</u>					
0006	Understand the biology of plants.	2.1; 2.3-7	2	2.3; 2.6; 2.7; 7.1; 7.2	AG-PL
0007	Understand soils and crop production.	2.1; 2.3-5	2	5.1; 7.3; 7.5	AG-ENV; AG-PL
0008	Understand principles of horticulture.	2.1; 2.3-5	2	7.1-7.5; 3.12	AG-PL
<u>Animal Science</u>					
0009	Understand the biology of animals.	2	2	1.2; 1.4; 1.5; 2.3; 2.6; 2.7	AG-ANI
0010	Understand animal production.	1.6; 2	2	1.1; 1.3; 1.4; 1.5; 1.6; 3.12	AG-ANI
<u>Natural Resources and Agricultural Mechanics</u>					
0011	Understand natural resource management.	4	2	4.11; 5.1-5.15	AG-ENV; AG-NR
0012	Understand mechanical systems in agriculture.	1, 2.6	2	4.1-4.22	AG-PST