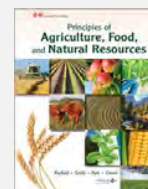




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Correlation of Principles of Agriculture, Food,
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to North Carolina Department of Education
Course: NCCTE AU10 - Agriscience Applications (Grades 9–12)



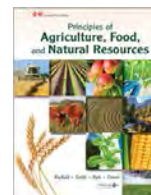
Standards		Correlating Text Pages
NCCTE.AU10 Agriscience Applications		
NCCTE.AU10.01.00 Understand leadership opportunities and SAE related to the agriscience industry.		
NCCTE.AU10.01.01	Understand the history, opportunities, and structure of organizations related to the agriscience industry.	4-13, 11 (STEM Connection), 13 (Career Connection), 16-29, 24 (Academic Connection), 32-39, 117-128
NCCTE.AU10.01.02	Understand effective leadership and communication skills.	51-60, 60 (STEM Connection), 64-73
NCCTE.AU10.01.03	Understand the importance of SAE to work-based learning.	100-113, 112 (Career Connection), 154-155 155 (Career Connection)
NCCTE.AU10.02.00 Understand global agriculture.		
NCCTE.AU10.02.01	Understand the history of global agriculture.	16-29, , 24 (Academic Connection), 454-467, 466 (Career Connection)
NCCTE.AU10.02.02	Compare the current and future issues in global agriculture.	454-467, 466 (Career Connection)
NCCTE.AU10.03.00 Understand the plant industry.		
NCCTE.AU10.03.01	Remember careers in the plant industry.	117-125
NCCTE.AU10.03.02	Understand biotechnology in the plant industry.	29, 36, 104, 221, 225, 232-247, 234 (STEM Connection), 237 (STEM Connection)
NCCTE.AU10.03.03	Understand basic horticultural (ornamental, fruit, and vegetable) and agronomic principles and practices.	384-386
NCCTE.AU10.04.00 Understand the animal industry (large animal, equine, and aquaculture).		
NCCTE.AU10.04.01	Remember careers in the animal industry.	117-125
NCCTE.AU10.04.02	Understand biotechnology in the animal industry.	29, 36, 104, 221, 225, 232-247, 234 (STEM Connection), 237 (STEM Connection)
NCCTE.AU10.04.03	Understand basic animal principles and practices.	508-522, 526-535, 538-562, 574-599, 599 (Career Connection), 602-613, 616-625, 628-637, 650-678
NCCTE.AU10.04.04	Remember tools and their safety practices related to the animal industry.	332-363, 372-374
NCCTE.AU10.05.00 Understand the environmental science industry (water, soils, wildlife, and forestry).		



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Standards		Correlating Text Pages
NCCTE.AU10.05.01	Remember careers in the environmental science industry.	260-272
NCCTE.AU10.05.02	Understand biotechnology in the environmental science industry.	260-272
NCCTE.AU10.05.03	Understand basic environmental principles and practices.	260-272
NCCTE.AU10.05.04	Remember tools and their safety practices related to the environmental science industry.	332-363, 372-374
NCCTE.AU10.06.00 Understand the agricultural engineering industry.		
NCCTE.AU10.06.01	Remember careers in the agricultural mechanics industry.	117-125
NCCTE.AU10.06.02	Understand basic agricultural engineering principles and practices.	36, 123, 155 (Career Connection), 317 (Career Connection)
NCCTE.AU10.06.03	Remember tools and their safety practices related to the agricultural mechanics industry.	332-363, 372-374