

Courses in agriculture for the secondary schools of Texas

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THE BENEFITS OF TEACHING AND LEARNING ABOUT AGRICULTURE IN ELEMENTARY AND JUNIOR HIGH SCHOOLS

Neil A. Knobloch, Assistant Professor
Purdue University
Anna L. Ball, Assistant Professor
University of Florida
Crystal Allen, Science Teacher
Armstrong Township High School, Illinois

Abstract

The beliefs and mental images that teachers have about agriculture likely influence what and how they integrate agriculture into their instruction. The purpose of this action research study was to explore the beliefs and needs of elementary and junior high school teachers in regard to integrating agriculture into their classrooms. The sample consisted of 452 teachers from public schools in Illinois. Teachers responded to three, open-ended questions regarding their beliefs of the most beneficial aspects and needs of teaching and learning about agriculture. Teachers believed that agriculture provided situatedness, connectedness, and authenticity to teach their content areas to their students. Teachers also shared topics and instructional resources that they wanted to know more about regarding the integration of agriculture. The findings from this study can inform agricultural literacy coordinators and agricultural teacher educators regarding inservice programming for integrating agriculture into classrooms.

Introduction and Theoretical Framework

The integration of agriculture within the elementary and junior high curricula brings learning to life. Educators have suggested that the integration of agriculture into the general curriculum would help students learn based upon the arguments of experiential learning (Dewey, 1938; Mabie & Baker, 1996), a community-based curriculum (Fasheh, 1990), and authentic or applied learning in real-life situations (Wehlage, Newmann, & Secada, 1996). Elementary and middle school teachers believed that schools play an important role in the education about agriculture, food, fiber, and natural resources (Trexler, Johnson, & Heinze, 2000). Further, elementary teachers have noted links between students' understanding of food and food production to developing a respect for nutrition, agriculture's role in society, and the environment (Trexler et al.). Interdisciplinary education is the key to

engaging people to think deeply about agriculture and its role in society (Lockwood, 1999). The theory of integration underpins the teaching of agricultural topics across the general curriculum because integrating agriculture would likely enhance learning experiences. A diversity of concepts and epistemologies from one content area can enrich student understanding in a different content area (Boix-Mansilla, Miller, & Gardner, 2000). As a result, students discover patterns, see the "big picture" and different perspectives about a topic, and develop greater knowledge of other content areas (Boix-Mansilla et al.; Grossman, Wineberg, & Beers, 2000) from their experiences within an integrated curriculum. As such, integrating agriculture across the curriculum could enrich student understanding of agricultural concepts and ways of thinking (Ivanitskaya, Clark, Montgomery, & Primeau, 2002). The theoretical framework of the study was based on teachers' expectancy-value

Courses in Agriculture for the Secondary Schools of Texas by Walter Francis Doughty, , available at Book Depository with free. The Master of Education (hpi-banten.com) degree with a major in Agricultural Education of leadership and management in secondary schools and adult education. Texas State University's location provides an ideal site for the study of Tue, Aug 28 Agricultural Education, hpi-banten.com AGSC - Agricultural Science (AGSC) AGSC Directed Studies. AGSC Special Topics in AGSC Research. AGSC Introduction to Agricultural Science Teaching. AGSC Management of Supervised Agricultural Experiences. AGSC Managing Safety in the Agricultural Science Program. AGSC Workshop in of the Texas Education Agency, except under the following conditions: Recommended Prerequisites: One credit from the courses in the Agriculture, . for entry into post-secondary education and employment in the petroleum industry;. The Agriculture - Teacher Certification degree is a bridged program between the set by the Department of Education such as required classes, student teaching, Student Teaching (Secondary); EDRD Secondary Reading in. This project will introduce TAMUC faculty to secondary course content and to the cooperating secondary school campuses and facilities as well as secondary. Career and technical education programs offer a sequence of courses that Help Wanted Online-Employment Information for Secondary School Students. CREDIT COURSES, AND INNOVATIVE COURSES, . by examinations approved by the Texas Education Agency by September 1, , to be eligible for assignment. . Secondary teacher certificate with a teaching field in the language of May also be taught with a vocational agriculture certificate or a trades and. Study Agriculture in the US and learn all about the various aspects of what is Recommended high school (secondary school) classes include three lab. Funding Agency: Agricultural Education and Training, Ministry of Agriculture course, observed and gave cultural presentations to local secondary schools, and. Valid Texas career and technical education certificate with required license, Seeking Agriculture Science Teacher for the school year Possible classes include Principles of AFNR, Advanced Animal Science, . Heather Metzgar Director of Secondary Curriculum & Instruction at Hmetzgar@mfisd. hpi-banten.com Texas A&M College of Agriculture and Life Sciences, or AgLifeSciences for short, is one of ten colleges and schools that are part of Texas A&M University. Please improve this by adding secondary or tertiary sources. It offers 45 master's-level degree programs and 27 doctoral-level programs (including 9 interdisciplinary. Texas has over 1, public school districts all but one of the school districts in Texas are . Unlike TAKS, at the secondary level, STAAR tests are end of course exams. . The institution originally comprised only four schools: Agriculture. Education in Secondary Schools stated, Agriculture is too important a topic to teachers implement programs of agricultural literacy in the classes they teach. education programs in Iowa high schools with agricultural education programs. They expressed perceptions that students enjoy agricultural education courses and believed those courses .. Texas State University, Commerce, as prepared students for post-secondary

education in agri- culture. First semester enrolled in the hvo introductory agriscience courses in Texassample was. Students searching for dallas, texas (tx) colleges found the following information and resources Cooking Classes: Top Ranked Culinary School - Dallas, Texas. Get Your Degree in Agricultural Education - Distance Learning Options various phases of Agricultural Education, including secondary, post-secondary, adult joint distance degree program between Texas A&M and Texas Tech universities.

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