

OSAGE CLASSROOM LESSONS
THE OSAGE PEOPLE - TODAY**TEACHERS GUIDE**

Unit Lessons Titles & Grade Levels	UNIT M. LANDS TODAY 1. Bird Creek Farms: Community Agriculture Serving the Community (Grade 4-12) a) Osage Ranching Traditions & the Bluestem Ranch (Grades 4-12) Recommend precede this lesson with: Unit B. Lands-Past: Lesson 5.a. Lands & Minerals 1872 - Today Fact Sheet Each lesson can be taught independent of the others.
Summary	1. Bird Creek Farms: Community Agriculture Serving the Community In reading and answering review questions about this farm and its broad goals including gardening and food production, conservation, and education, students gain breadth of related knowledge about local watershed, agriculture, gardening methods, outdoor recreation, and community needs. 2. Osage Ranching Traditions & the Bluestem Ranch Students will read and answer questions about the origins of Osage ranching traditions, and current efforts to re-acquire lost lands, such as at the Bluestem Ranch, to establish profitable agricultural operations there, and help re-establish the Osages' deep connection to natural landscapes. Students will write a paragraph on the importance of re-acquisition of tribal lands.
Subject Areas	Social Studies, Language Arts Reading & Writing, Science - Agronomy: Plant & Animal Science
Grade Levels	See above in Lesson Titles Adapt to lower grade levels: <ul style="list-style-type: none"> • Print Fact Sheets in larger font, wider space - read aloud • Select grade-level-appropriate Review Questions on MS Word document.
Time Length	Each lesson: 1-2 periods (50 min)
Standards	OKLAHOMA - Language Arts - CS 1, 2, 3, 4, 6 Oklahoma - Social Studies - All grades: PALS - SS 1.A, 1.B, 1.C; SS 2.A.1, 2.A.2, 2.A.3; SS 3.A, 3.B Grade 4: CS 1.2.D; 1.3, 1.4 farming & ranching; CS 2.1; CS 2.4 Grade 5: CS 5.3 Grade 6: CS 1.1, 1.3; CS 3.1. bodies of water-Mississippi basin; 3.1.B; CS 4.1 Grade 7: CS 1.1; 1.3 Grade 8: 4.1.E, 4.2, 4.2.C.; CS 4.6.C.; CS 6.4 High School - U.S. History 1878 to present - CS 1.2, 1.2.B, 1.2.C; CS 3.1; CS 5.4.D; CS 7.2 Oklahoma History: CS 1.1, 1.3; CS 1.4; CS 2.3, 2.6, 2.7 allotment; CS 4.1, 4.4 CS 5.5. 5.7 cattle industry; CS 5.9 Sociology CS 2.2, CS 6.1; 8.1 Economics: 1.1 KANSAS Language Arts: SL, W, RI Social Studies: 1, 2, 3, 4, 5

Objectives	<p>The student will</p> <ol style="list-style-type: none"> Bird Creek Farms: Community Agriculture Serving the Community <ul style="list-style-type: none"> Compare unit “acre” to a football field to gain perspective on size Define “watershed” and “fork” in a river - discuss importance of waterways in location and development of communities connect Bird Creek to all adjacent waterways up until the Mississippi River define community garden, and state goals of Bird Creek Farms in community agriculture, and serving community needs such as firewood state advantages of high tunnel hoop houses Define various agricultural methods such as hydroponics and aquaponics Explain benefits of bee-keeping and ways to help pollinators Describe educational and recreational activities at Bird Creek Farms Osage Ranching Traditions & the Bluestem Ranch <ul style="list-style-type: none"> List two ways Osage landowners managed their pastures after allotment (recommend read about allotment in Unit B lesson 5) Explain how Bluestem Ranch got its name - from primary tallgrass prairie species Describe four ideas of longterm goals for the ranch Tell three more immediate economic goals of the ranch In writing, explain importance of land re-acquisition and symbolism of the Bluestem Ranch in this effort
Activities	<p>Discussion - in partners, small or large groups:</p> <ul style="list-style-type: none"> Review Pre-reading Discussion questions & preview Pre-reading - What do you already know about this subject? What do you want to know? <p>Independently, in small groups, or as whole class:</p> <ul style="list-style-type: none"> Students read and interpret Maps, Fact Sheets and other readings. Students complete Review Questions and other indicated activities. <p>Wrap-up Discussion - in partners, small or large groups:</p> <ul style="list-style-type: none"> Post-reading - What did you learn?
Assessment	<p>Review Questions - short answer and vocabulary Essay question writing</p>
Materials / Technology Needed	<p>Print Materials provided:</p> <ol style="list-style-type: none"> Lands Today Unit-Teachers Guide <ol style="list-style-type: none"> Bird Creek Farms <ol style="list-style-type: none"> Bird Creek Farms Fact Sheet Bird Creek Farms Review Qs Bird Creek Farms Review Qs KEY Ranching Traditions & Bluestem Ranch <ol style="list-style-type: none"> Ranching Traditions & Bluestem Ranch Fact Sheet Ranching Traditions & Bluestem Ranch Review Qs Ranching Traditions & Bluestem Ranch Review Qs KEY
EXTENDED LEARNING	<p>Students formulate question and conduct research on a related topic.</p> <ol style="list-style-type: none"> See list of other Unit Topics in Osage “INFORMATION RESOURCES” section - read 1-2 pg Fact Sheets - esp. Unit B. Lands - Past

	<ul style="list-style-type: none">c) B.5.a. Lands & Minerals 1872 - Today Fact Sheetd) B.5.b. Map - Ecosystems of the Osage Reservatione) Other on-line resources - esp. see SOURCES section of Fact Sheet for further investigationf) Present results orally to class and in writing - various formats - essay, poster, fiction story, power point, video (share with Osage Cultural Center/ Osage Nation Museum)
--	---