

# Agriculture—From the Ground and All Around

## Objective

Students will learn that agriculture is all around us in Oklahoma, from the ground and all around. Students will list rhyming words and write simple poems. Students will act out some of the agriculture-related jobs of people all around them in their community. Students will design a bulletin board to illustrate the theme “Agriculture: From the Ground and All Around.”

## Background

From the ground and all around, Oklahoma agriculture feeds and clothes us and so much more. Our healthy soils give us fields of wheat, soybeans, peanuts and cotton. Our farmers grow watermelon, peaches, sweet potatoes and other fruits and vegetables. Barley, canola, corn, oats, sorghum and hay feed farm animals, like cattle, hogs, chickens, sheep and goats. From our forests we get trees for lumber, paper and other products. Pecan groves give us delicious nuts to eat.

Oklahoma soil is deep and rich in organic matter built up over thousands of years under tallgrass prairie. Our prairie soils make great farmland and good grazing for beef cattle. During the dry season our farmers even get water from the ground.

Oklahoma agriculture is not just in the ground. It is all around us. Agriculture is in the tall grain elevators where wheat and other grains are stored. Agriculture is in the stores where farm equipment is sold and in the shops where mechanics keep the farm equipment running. Agriculture is in the universities where scientists do important research to improve crops. Truck drivers on the highways are part of agriculture. They haul agricultural products to warehouses and stores. Bankers are part of agriculture. They loan money to farmers for seeds and other supplies they need. Teachers are part of agriculture, too. They help prepare students like you for future careers in agriculture.

From the ground and all around, agriculture feeds and clothes us, provides jobs to support families in our communities and keeps our economy strong.

## English Language Arts

1. Read and discuss background and vocabulary.
2. Students will use the worksheet provided with this lesson to make a list of words that rhyme with ground and around and other simple words related to agriculture.  
—Students will use the list of rhyming words to write poems beginning and/or ending with the words “From the ground and all around.”

## Oklahoma Academic Standards

PRE-KINDERGARTEN  
Phonological Awareness: 2.  
Vocabulary: R.1,3; W.1  
Economics: 1,3; 3.1

KINDERGARTEN  
Phonological Awareness: 2.  
Vocabulary: R.1,3; W.1  
Economics: 1,3; 3.1

GRADE 1  
Vocabulary: R.1; W.1  
Economics: 2; Geography:  
2  
Visual Art—3.1,2; 4.4

GRADE 2  
Vocabulary: R.1; W.1  
Economics: 2; Geography:  
2  
Visual Art—3.1,2; 4.4

## Materials

soil samples

small samples of Oklahoma commodities—wheat kernels, corn kernels, soybeans, cotton bolls, etc.

small samples of products made from Oklahoma commodities

large paper bags

materials representing ag-related jobs

## Vocabulary

**agriculture**—the science, art, and business of cultivating soil, producing crops, and raising livestock; farming

**banker**—a person in the business of lending, exchanging, taking care of, or issuing money

**career**—a profession followed as a permanent occupation

**cattle**—domestic four-footed animals held as property or raised for use, especially bovine animals (as cows, bulls, or steers) kept on a farm or ranch

**crop**—a plant or animal or plant or animal product that can be grown and harvested

**field**—an area of cleared land used especially for planting crops

**future**—coming after the present

**grain elevator**—a building for elevating, storing, unloading, and sometimes grinding grain

**haul**—to transport in a vehicle

**lumber**—timber or logs especially when sawed and trimmed for use

**organic**—of, relating to, or obtained from living things

**pasture**—plants (as grass) for feeding especially grazing animals

**prairie**—a large area of level or rolling grassland

**product**—something produced by human or mechanical effort or by a natural process

**research**—close and careful study

**soil**—the loose surface material of the earth in which plants grow

**warehouse**—a building for the storage of goods

## Social Studies

1. Bring samples of soil, samples of Oklahoma crops, samples of products made from Oklahoma crops and other small items to represent Oklahoma agriculture.  
—Students will use the materials to create their own designs and glue them to a copy of the Oklahoma map included with this lesson.
2. Invite one or more person who works in an agriculture-related job to visit your classroom and discuss his or her work.  
—Students will prepare questions ahead of time.  
—Students will write short reports about the visit explaining what they have learned.
3. Discuss and list the jobs mentioned in the background material.  
—Students will list other jobs related to agriculture. Remind students that agriculture includes anything related to the production of food and fiber. (baker, cowboy, dairy farmer, gardener, etc.)  
—Students will select ag-related occupations for role play.  
—Provide paper bags and other materials so students can design costumes or props to represent the selected occupation.  
—Students will make short presentations to the class, in costume or with props, explaining his/her selected occupation.

## Visual Art

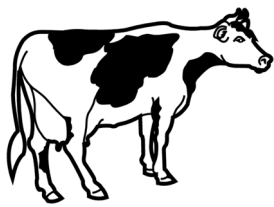
1. Students will draw pictures to illustrate the theme “Agriculture—From the Ground and All Around,” based on the background.
2. Students will make a bulletin board showing Oklahoma crops and soil with the theme, “From the Ground and All Around.”

Name \_\_\_\_\_

# From the Ground and All Around

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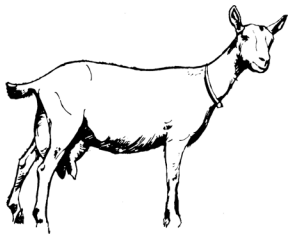
The words ground and around are rhyming words. What are some other words that rhyme with the words “**ground** and “**around**?” Write the words in the space below.



What are some words that rhyme with **cow**? Write the words in the space below.



What are some words that rhyme with **wheat**? Write the words in the space below.



What are some words that rhyme with **goat**? Write the words in the space below.

What are some other rhyming words related to agriculture? On the back of this page write a poem using some of the rhyming words you have listed above.