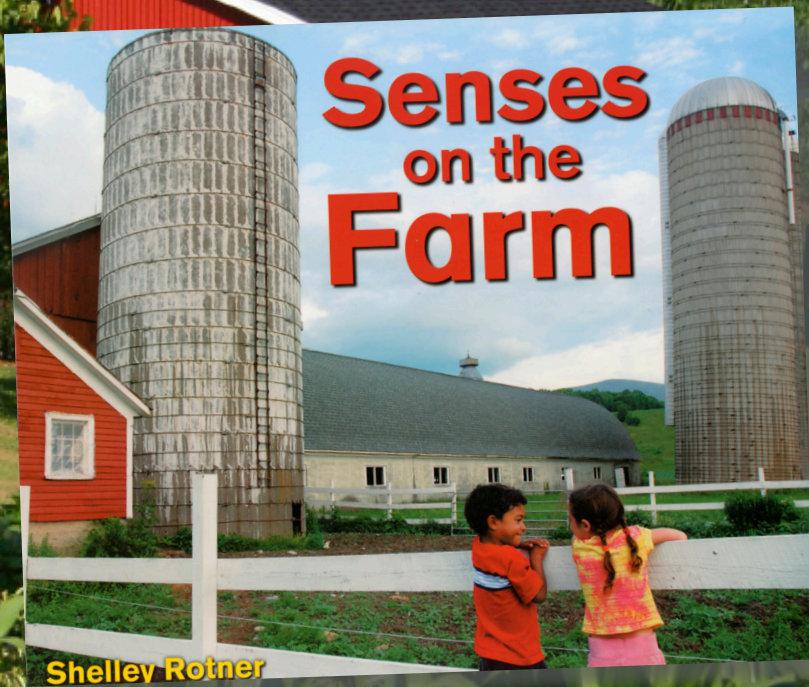


# AccurateAg Books PreK - KO



**EDUCATOR'S GUIDE**

# Acknowledgements

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## GRADE LEVEL PREK-KINDERGARTEN

### SUBJECTS OR KEY DEVELOPMENTAL INDICATORS (KDI)

#### LANGUAGE, LITERACY AND COMMUNICATION

- Reading, writing and having fun with language.

#### MATHEMATICS

- Comparing attributes, arranging things in a series or pattern and describing the relationships.
- Comparing the number of things to determine more, fewer or the same number.

#### SCIENCE AND TECHNOLOGY

- Scientific Inquiry – gather knowledge of the natural and physical world.
- Recognizing objects by sight, sound, touch, taste and smell.
- Explore and describe similarities, differences and attributes of things.
- Distinguish and describe shapes.

#### CREATIVE ARTS

- Pretend play or imitating sounds and actions.
- Music used to explore and identify sounds.
- Exploring the singing voice, singing songs.

#### LOCATION

- Open space in classroom or school.

#### STAFF

- One or two volunteer educators or teachers.

#### MATERIALS

- Photo copies of the attached activity sheets (one per student).
- Crayons or writing utensils.
- Glue or paste.
- Scissors.
- Grain or seed samples (soybeans, corn kernels, wheat, seed packets) (30-50 seeds).

## EXTRAS

- “I Met a Farmer and Rancher Today” stickers – [www.agfoundation.org](http://www.agfoundation.org) under Resource Orders
- Samples of flowers, wool, hay, strawberries, milk, eggs (hardboiled or otherwise), apples, pumpkins.

## TEACHERS & VOLUNTEER EDUCATORS

1. If you are a volunteer educator conducting this lesson, introduce yourself and describe your farming operation or agricultural business.
2. If you are a classroom teacher conducting this lesson, proceed to book introduction.

## BOOK INTRODUCTION SENSES ON THE FARM

- Life on the farm is explored through the five senses as we see the calf's big ears, touch the soft wool of a lamb, hear a hungry horse chomp, smell the fresh cut hay and taste the farm fresh milk. Beautiful, focused photographs capture the simplicity and charm of life on a farm. Readers will love gazing into the eyes of a young calf and seeing into the nostrils of an adorable piglet in an up-close shot of his wet nose. Using senses to explore the well-covered subject of farm life helps children relate in a tangible way and encourages them to imagine how each of the subjects represented really do see, hear, smell, taste and feel. This book and Educator's Guide help children make real life connections with what they see on the page and what there is to sense on the farm.
- Review or introduce the five senses and what they mean before reading this book to the students. See, hear, smell, taste and touch.
- Read the book, *Senses on the Farm* by Shelly Rotner ISBN# 0822586231, display the pictures, point out shapes while reading, and narrate with these suggestions and your own experiences in mind.



## Suggestions for Reading (Narrating) Book by Page

- **On the farm** – point out the square shapes of the barn and windows.
- **Hear a tractor** – imitate what a tractor engine sounds like.
- **Touch the warm soil** – describe the time of year we plant seeds (spring), pass around seed samples.
- **See the corn growing** – describe the four seasons and the time it takes to grow corn or any plant, continue to pass around seed samples.
- **Smell the flowers** – pass around flowers to smell.
- **Hear the bee buzzing** – explain the importance of bees in pollination and fruit and flower growth, imitate the bee's buzz. Point out the circle in the center of the flower.
- **See a newborn goat try to walk** – remind the children of how challenging it was for them to learn to walk.
- **Touch the hairy coat of a piglet** – they have hair on their bodies, too.
- **See the calf's big ears** – remind them a calf is what we call young cattle.
- **Touch the soft wool** – pass around a sample of wool. Although the book says fur, the correct term is wool. Describe what we make from wool and use in our lives.
- **Smell the fresh cut hay** – pass around a sample of hay if you have it, and/or point out the difference between hay and straw. Hay is for animals to eat and straw is used for bedding or compost.
- **Hear a hungry horse chomp** – they are chomping on hay in the picture, not straw.
- **Hear the cows moo** – imitate a moo with the students. The cows chew on hay or grass which is what they eat, along with their feed. They also drink almost a bathtub full of water each day to give us their milk two or more times a day.
- **Touch a cow's rough tongue** – explain their tongue is rough in order to pull up just the tops of the grass to eat and not the whole plant, so it will grow back.
- **Taste the milk** – reinforce where milk comes from and remind them of it when they drink milk at lunch or for a refreshment break.
- **Smell the pigpen** – Explain that the pigs do not smell, it is their manure, which the farmer removes and uses as fertilizer for the soil. Manure is very good for the soil and helps plants that the pigs eat (corn and soybeans) grow.



- Taste the handpicked strawberry – if possible, have strawberries to show and possibly sample afterwards.
- Touch the bristly coat of a horse – explain it can be as soft or coarse as a hairbrush, depending how you stroke the horse's coat.
- Hear the hens cluck – imitate with the children the sound of a hen clucking and explain female chickens are called hens and they produce eggs.
- Touch the oval (shape) egg - (pass around a hardboiled egg if you choose) explain hens usually lay one a day.
- See the farmer harvesting corn – point out the circle of the tractor tire and explain that this is a tractor but we use a combine to harvest corn. Explain that a combine does a combination of jobs in harvesting and that is how it got its name. It takes the ear of corn off the stalk, chops up the stalk and removes the kernels from the ear of corn.
- Taste fresh corn on the cob – explain we eat fresh sweet corn in the late summer, or fresh frozen or canned year-round, but animals eat field corn in their diet. These are two different kinds of corn.
- See the pumpkin field – ask the class what color the pumpkins are in the picture, ask them what do we use pumpkins for during the year?
- Taste an apple – ask the class what color the apples are in the picture. Explain apples come in many colors, tastes and varieties. Ask how do we use apples?
- See the farmstand – ask who has been to a farmstand or farmers market. Explain what one is if they do not know.
- See the tall, round silos – show them the shape of the silo. Explain what they are for on the farm.

## For Review or fun:

Sing the using our senses on the farm song to review or just for fun. Demonstrate to students the song and lyrics by pointing to the eyes, ears, nose, mouth and fingers when prompted by the song. These song lyrics are set to the ABC song: 🎵

***On the Farm there is so much to See  
Come and Hear***

***Smell***

***Taste***

***And Touch***

***With ME!***



### **ACTIVITY ONE: MAKING SENSE OF OUR SENSES – (CLASSIFYING AND RECOGNIZING OBJECTS WITH FIVE SENSES)**

1. Make sure each student has access to a pair of scissors and glue or paste.
2. Pass out activity sheet “Making Sense of our Senses” – one per student.
3. Review the five senses (See, Hear, Smell, Taste and Touch).
4. Review the pictures from the book and which senses they portray.
5. Demonstrate to students how to cut out with scissors the pictures on the bottom of the page and glue or paste them to the sense categories they belong in on the activity sheet.

### **ACTIVITY TWO: WHAT IS MY NAME? (READING, WRITING)**

1. Make sure each student has access to a writing utensil (pencil, pen, crayon).
2. Pass out the “What is my name?” activity sheet – one per student.
3. Assist students in tracing the name of each animal featured in the book.

### **ACTIVITY THREE: EVERYONE COUNTS ON THE FARM. (NUMBERS AND COUNTING)**

1. Make sure each student has access to a writing utensil (pencil, pen, crayon)
2. Pass out the, “Everyone counts on the farm” activity sheet – one per student.
3. Assist students in counting the objects in each row and writing the number next to the row.

### **ACTIVITY FOUR: WHICH COMES NEXT? (SEQUENCING)**

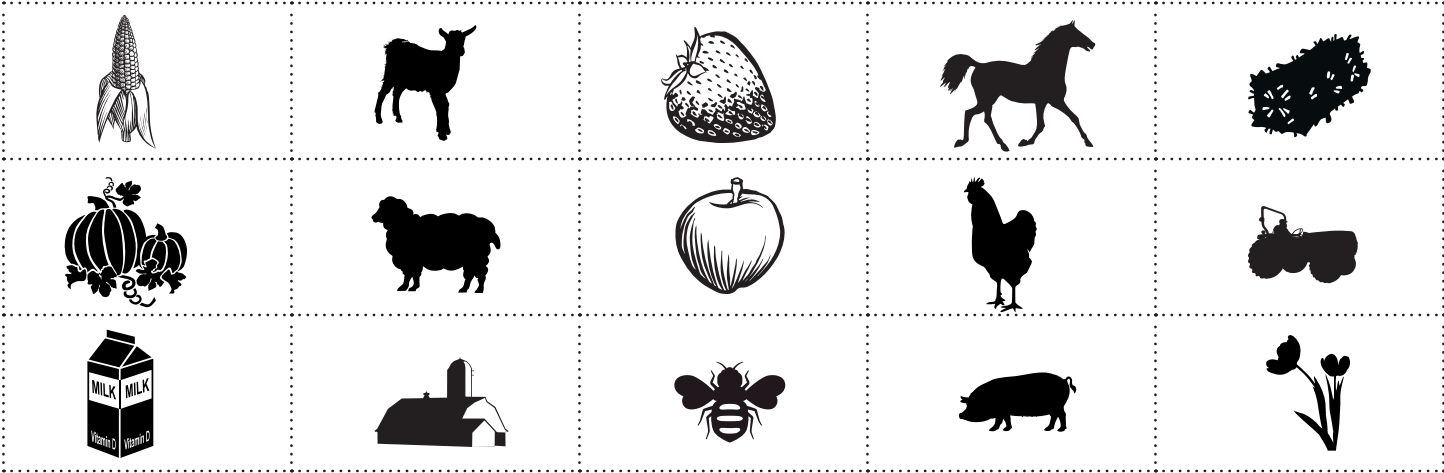
1. Make sure each student has access to a pair of scissors and glue or paste.
2. Pass out activity sheet “Which comes next?” – one per student.
3. Cut out the animals at the bottom of the page.
4. Say the names of the animals on each line.
5. Glue or paste the pictures of the animals that come next.



## Activity One: Making Sense of our Senses

Cut out with scissors the pictures on the bottom of the page and glue or paste them in the sense categories they could belong in according to the book.

See	Hear	Smell	Taste	Touch
				





## Activity Two:

# What is my name?

Trace the name of each animal.



sheep



horse



pig



bee

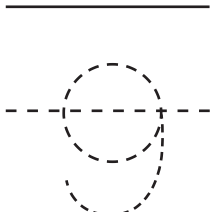
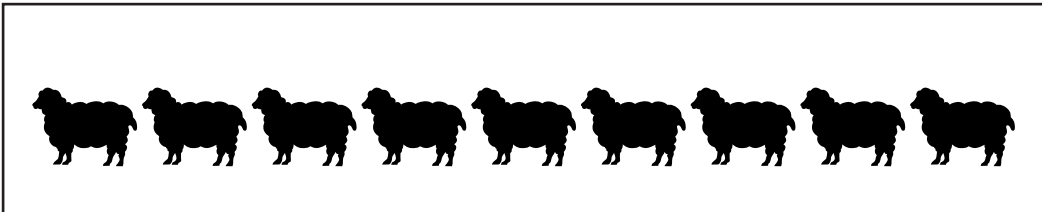
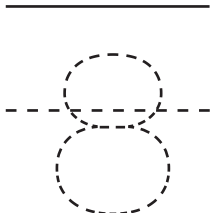
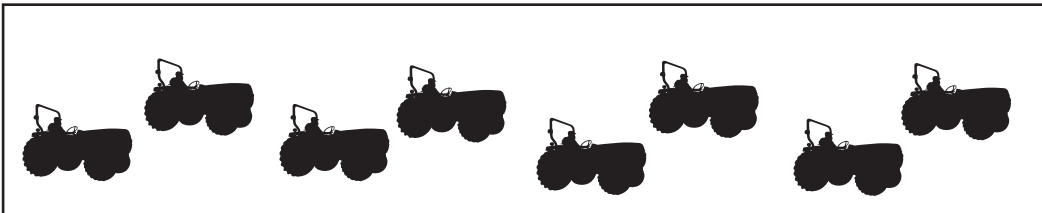
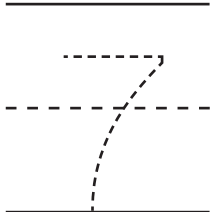
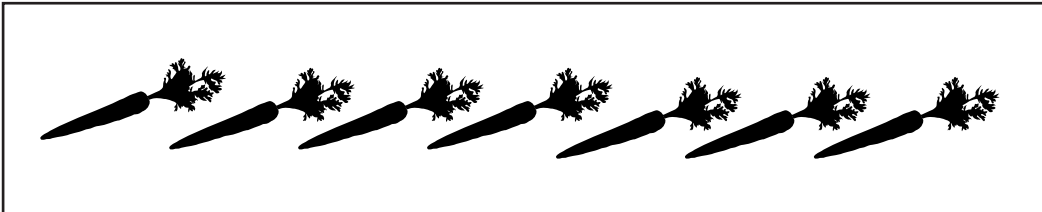
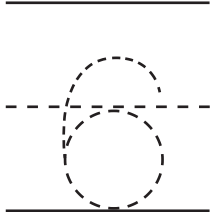
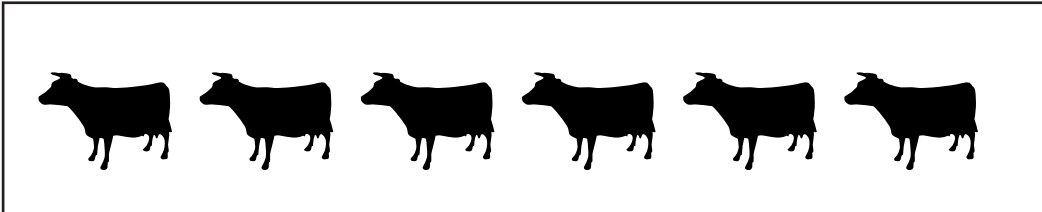
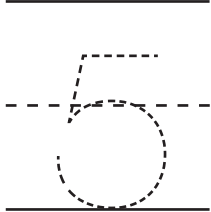


goat



# Activity Three: Everyone counts on the farm.

Count the objects in each row. Trace the number next to the row.





## Activity Four: Which comes next?

Cut out the animals at the bottom of the page. Say the names of the animals on each line. Glue the pictures of the animals that come next.



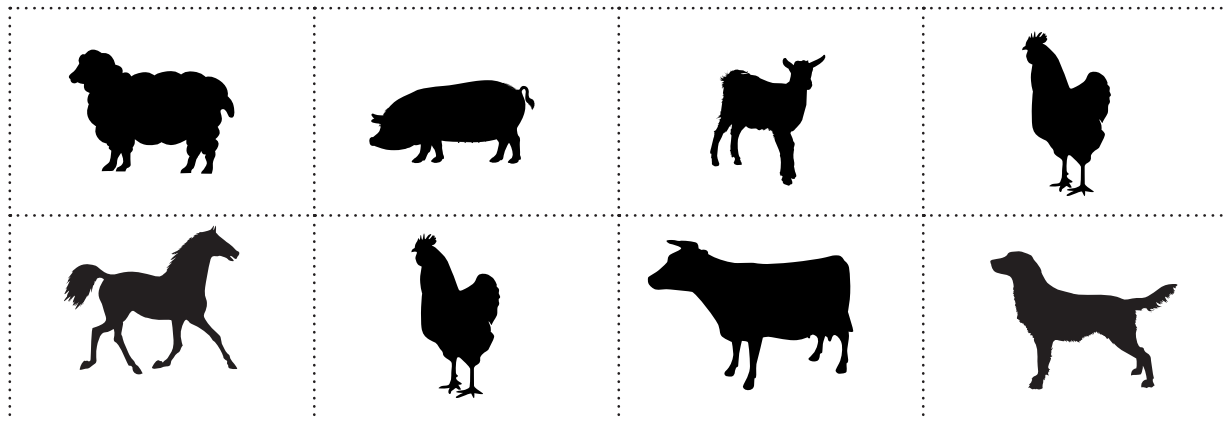
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# Classroom Resources . . .



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Go to [www.agfoundation.org](http://www.agfoundation.org) and click on Classroom Resources for Agricultural Literacy for more information. The Foundation's website explains the ordering procedure for the numerous resources we have for educators and volunteers who want to tell the story of agriculture to young people in their schools and communities.



To purchase the "I met a Farmer today!", "I met a Rancher today!" or "I like Vegetables!" stickers go to [www.agfoundation.org](http://www.agfoundation.org) and click on *Resource Orders*



Take a journey and experience this interactive, online game which educates as it entertains. Built for educators, learners and their families with free downloadable Educator Resources and Fun Family Activities to explore.

[www.myamericanfarm.org](http://www.myamericanfarm.org)



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