



The State Fair of
TEXAS
Curriculum

LIVESTOCK & AGRICULTURE

GRADE 4 MATH

I AM YOUR FODDER!
FARMING & FODDER



TEACHER

LIVESTOCK & AGRICULTURE

★ **GRADE: Four** ★

★ **MATH** ★

I Am Your Fodder! Farming & Fodder

In this lesson students will:
 Use their knowledge of addition and subtraction with whole numbers and decimals to solve problems involving various livestock at the State Fair of Texas.

Before You Go

★ Watch this [video](#) to learn more about how you will use your problem-solving skills to help Dr. Gutiérrez on his ranch.



You Tube

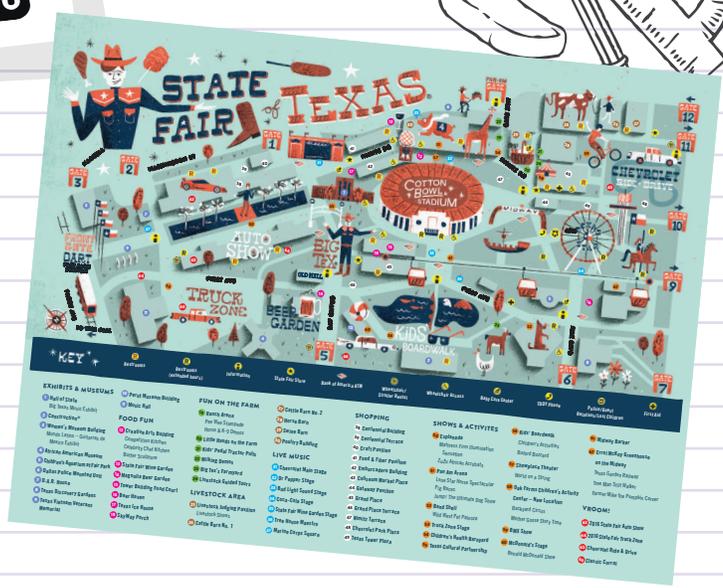
Standards

- ★ Math TEKS: 4.1A, 4.1B, 4.1G, 4.4A
- ★ *Science & Arts Connection: since this lesson invites some of the same areas of the fairgrounds as the "Go With The Flow" lesson, consider doing both!



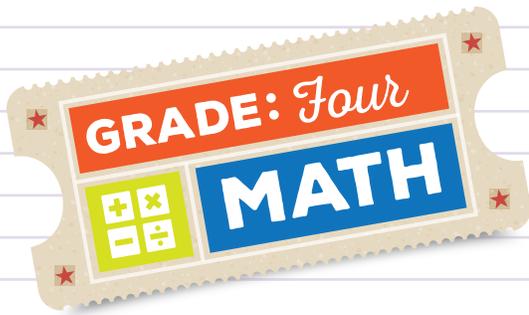
Plan Your Route.

- ★ From the Texas Star, make your way to the greenhouse.
- ★ From there, you'll move through the fairgrounds, but most of the locations will be near the Woofus!



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Materials to Bring

- ★ Farming and Fodder video
- ★ Pencil / Pen
- ★ Farming and Fodder Record Sheet
- ★ Smartphone / Tablet / Digital Camera (optional)



While You're There

Conduct interviews with farmers and other agriculturalists, while you are at the State Fair, to collect data on at least 12 different livestock in each of the following locations:

- * Cattle Barn
- * Horse Barn
- * Swine Barn
- * Big Tex Barnyard

Record your findings on your Farming and Fodder Record Sheet. You may also want to take pictures of the livestock with your smartphone/tablet/digital camera.



After the Fair

Use the data from your Farming and Fodder Record Sheet to determine which livestock you would recommend that Dr. Gutiérrez buy for his ranch.

After you have made your decision, write a letter to Dr. Gutiérrez explaining why you made your choice. Be sure to include the following information in your letter:

- * The number of livestock you recommend.
- * The type or breed of livestock you recommend.
- * The total amount of fodder needed for all of your livestock.

