

# 2 Show or Not 2 Show?

*Show Animal Investigation*



QUEST 1  
ALGEBRA I

STATE FAIR OF TEXAS  
**CURRICULUM**

## STUDENT EDITION

### Recap

You will be going to the State Fair of Texas to find a livestock animal you like and investigate how much it would cost to raise it as a show animal. Don't forget to get a selfie with the Woofus on your Quest! He's pretty awesome.

### STATE FAIR MAP



Recall from your class discussions:

When you get back to school, you will need to be able to:

- ★ Write linear equations from real world situations.
- ★ Graph an equation.
- ★ Determine rate of change, slope and y-intercept.
- ★ So...if you can't do these things...ask the Woofus. He may not be able to help you, but his confident stance will make you feel better.



### Plan Your Route

- ★ You will begin your quest at the Woofus (use your GPS to find him)



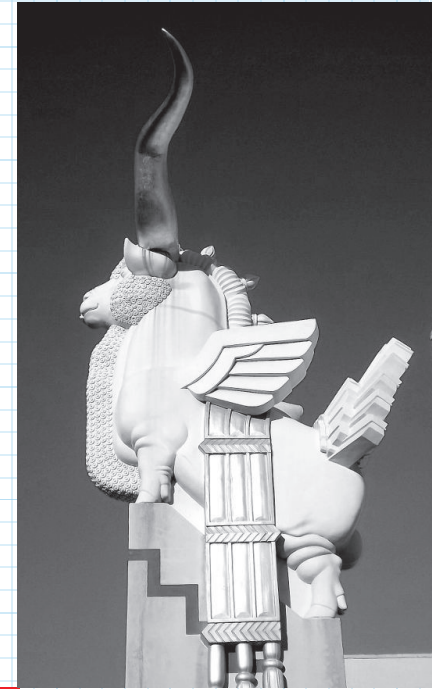
### Optional Materials to Bring

- ★ Pen or Pencil
- ★ Sketchbook
- ★ Notebook or Paper
- ★ Smartphone or Tablet

### While You're There

You will use information you gather at the State Fair to help you with THREE project goals:

1. Ultimately make a decision on whether it's worth it to raise the animal you selected.
2. Design a fictional marketing campaign for your livestock animal to take part in.
3. Compose two sonnets about your animal.



The Woofus. Source: <https://billchance.files.wordpress.com/2013/02/woofus3.jpg?w=538&h=1008>

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## QUEST 1 ALGEBRA I

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The objective of your visit today is to investigate the cost of raising a show animal. You'll work on all three projects back at school.

**★2 SHOW OR NOT 2 SHOW?** Walk around the area near the Woofus, looking at the animals being shown.

o Choose an animal you would like to raise and show.

- You may not see an animal you like at the Fair. If you don't, you can ask people that are showing or working about other possible animals to show.
- You can ask people at the Fair or you can research online.
- Find out how much the animal would cost to purchase.
- Record this information.

o Find out what else you will need to purchase for the animal by asking at the Fair or researching online.

- Don't forget to record the cost of these items.



Chester Cheetah. Source: <http://www.vetstreet.com/our-pet-experts/9-famous-animal-pitchmen>



### Back at School

When you return to class following your State Fair visit, you will work on your three projects. See your teachers for more information.