

STUDENT EDITION

Recap
You will be going on a Quest to the State Fair of Texas to eat yummy food and report back (post-food-coma) on what you found, so that you can graph it all, so take good notes...don't just eat!

Recall from your class discussion:

- ★ What is a 2-variable linear equation?
- ★ Can you write one from a real-world scenario and solve for y ?
- ★ What's an inequality, and can you graph one? If you don't know, ask your math teacher to explain it again.



Plan Your Route

- ★ Begin inside the Tower Building. This is the building with the giant golden eagle on the top of it! It's also the food court.
- ★ Then, check out the food vendors outside! They're all over the park.



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 back at school:

1. Use your math skills and foodie info you gathered from today, to graph inequalities for various scenarios.
2. Create out-of-the-box visual designs for your graphs.
3. Write and film a mini-documentary about the fierce competition of the Big Tex Choice Awards!



Source: http://66.media.tumblr.com/tumblr_mc644vPT9Klqczpr7ol_500.jpg

STATE FAIR MAP



Feast Your Eyes...

Sample & Scrutinize

FOODIES

QUEST 01
ALGEBRA 1

STATE FAIR OF TEXAS
CURRICULUM

But that's all for back at school. The objective of your visit TODAY is to choose TWO foods that you would like to try. One of these will come from the Tower Building and the other will come from an outside concessionaire.

★**FEAST YOUR EYES – TOWER BUILDING:** Investigate the food options.

o Look at all your choices. Select the food item that sounds best to you.

- Write down the name of the food and how many coupons it costs.
- Determine how much money each food costs in dollars.

★**SAMPLE & SCRUTINIZE – CONCESSIONAIRES:** Leave the Tower Building and walk around the Fair, investigating the food as you go.

o Food concessions are everywhere, so make sure to walk to many areas.

- Select the food item that sounds best to you.
- Write down the name of the food and how many coupons it costs.
- Determine how much money each food costs in dollars.



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.