# Hungry, Hungry, **Hungry Teenagers!**

Systems of Inequalities



# **STATE FAIR OF TEXAS CURRICULUM**

# STUDENT EDITH ON

Recap You will be going to the State Fair of Texas to try as much food as you can, and then try really hard to remember information about your experience after your resulting food coma, so that you can Math all that info into a graph...and an art piece...and a poem about it!

Recall from your class discussion:

- ★Can you graph a linear function?
- ★Can you graph a linear inequality?
- ★Can you write linear inequalities from word problems?
- ★If not, seek help from the great Woofus near the Swine Barn at the State Fair. If he can't help you... well, at least you found the Woofus. And now you are extra cool.



## Plan Your Route

- ★ Head to the Midway
- ★Then find the Tower Building Food Court
- ★Finally, go to the Skyway Porch, near Big Tex



## Optional Materials to Bring

- \*Pen or Pencil
- ★Notebook or Paper
- **★Smart**phone or Tablet







## While You're There

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

- 1. Come up with a system of inequalities for the foods you discovered.
- 2. Design an Exquisite Corpse art project with a team.
- 3. Write a descriptive poem of the food you ate, imagining you're writing it for someone who can't see, taste, or smell.

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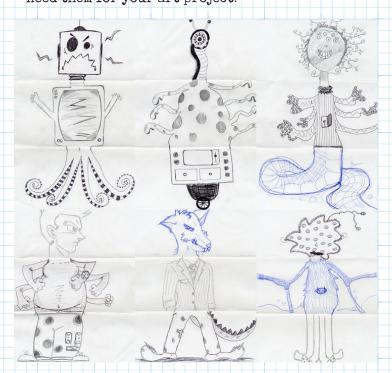
But those	goals	are for	back at	school.	The ob	jective	of your	visit	TODAY:	is
to sample	all yo	ur favo	rite fo	ods! Reco	ord the	cost of	each fo	od you	try an	d
even thos	e you m	ight li	ke if y	ou get fu	ıll qui	ckly.				

#### ★HUNGRY, HUNGRY, HUNGRY TEENAGERS!:

- o Investigate all the types of food offered at the Fair.
- o Sample as many of the food options as possible.
- ☐ Record the cost (in dollars not tickets) of each food you try or wish to try
- ☐ Make sure you record at least 2 dessert foods and 2 main dish items
- ☐ You can use the table below, if you'd like:

Type of Food	Cost (in \$)

★EXQUISITE CORPOSE (ART PORTION): As you see and sample various foods at the Fair, make some sketches of your favorites. Hold on to them because you will need them for your art project!



Source: http://blog. pshares.org/files/2015/06/ Exquisite-Corpse.jpg



### Back at School