

STUDENT EDITION

Recap

You will be going to the State Fair of Texas to analyze the volume of product vendors typically sell in a day at the Fair. Interview business owners as you explore, catch a ride or a show, and enjoy your day!

STATE FAIR MAP



Recall from your class discussions:

★You should know the following graphing terms:

1. Domain
2. Range
3. x and y intercepts
4. Continuous vs. discrete data
5. Increases and decreases on a graph

★You should have chosen three vendors, and know where to find them at the Fair.

★**For English portion:** From the list of vendors that will be at the Fair, you and a partner should have chosen one small business vendor and one large business vendor to interview.

- You should have contacted them already to see if they'll meet with you for about 20 minutes.
- Before leaving for the Fair, did you make a list of at least 15 questions to ask them that require more than a yes/no answer?
- You need enough information for a PowerPoint project, so make sure your questions require the vendors to answer with more than one word.
- The questions need to relate to the business: running the business, why they are at the Fair, how the company wants to grow, etc.



Plan Your Route

★ Know which vendors you're going to see, and plan ahead, if you can, so you know which locations you need to find. If you don't know, try these:

- ★ Grand Place
- ★ Coliseum Market Place
- ★ Gateway Pavilion



Source: <http://www.bluelinecaricature.com/>
Blue Line sells their artwork at the Fair!



Optional Materials to Bring

- ★ Pen/Pencil
- ★ Paper with your tables
- ★ Technology device

While You're There

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

1. Decide, based on your data analysis, if the products you tracked are worth selling
2. Design your own booth and product based on your observations of what products “move”
3. Create a PowerPoint presentation of your interviews with vendors

The objective of your visit is to find out how much product some vendors sell in a day.

★**#iheartshopping:** Collect data on product volume sold from each vendor.

- Get the initial volume of 1 item per vendor that is set out
- Collect data from at least 3 different vendors on 3 different items
- ONE HOUR LATER: Go back to each vendor and record how much product they have sold
- Again, go back an hour later and record what's left
- Make 2 more visits to the vendors 1 hour apart for each
- Record your results in your phone or in the table to the right:



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.

State Fair Vendor Data Table

Vendor #1		Vendor #2		Vendor #3	
Product:		Product:		Product:	
Time of Visit	Product Volume	Time of Visit	Product Volume	Time of Visit	Product Volume
1st:		1st:		1st:	
2nd:		2nd:		2nd:	
3rd:		3rd:		3rd:	
4th:		4th:		4th:	

★**WHAT'S MISSING? (ART):** As you walk through the Fair, pay attention to how the various booths are designed, and what they do to try and catch the attention of fairgoers.

- Which ones have the longest lines?
- Which ones appear to be selling the most product?
- What, in your opinion, is missing from the available products at the Fair?
- Take notes to bring back for your art project.

★**INTERVIEW WITH A VENDOR:** Meet with the vendors you set up to see.

- Interview one of the businesses while your partner interviews the other.
- Take good notes! You'll need them to complete your PowerPoint in class.
- Get a couple of good pictures of the vendors and their products before you leave.