

# Tower Transformation

*You get a new food court! And YOU get a new food court! And YOU get a new food court...*

## FOODIES

## QUEST 03 GEOMETRY

## STATE FAIR OF TEXAS CURRICULUM

### STUDENT

**Recap**  
You will be going to the State Fair of Texas to explore the food court in the Tower Building, and then come up with a way to give it a face-lift!

Recall from your discussion in Geometry class:

- ★What are parallel and perpendicular lines?
- ★What are transformations?
- ★What is a bisector?
- ★You will need to know these terms as you sketch your redesign of the food court!



#### Plan Your Route

- ★Find the Tower Building (it's the one with the big golden eagle on top, near Big Tex in the picture), and go inside.



#### Optional Materials to Bring

- ★Pen or Pencil
- ★Sketchbook
- ★Graph paper
- ★Tape measure
- ★Notebook or Paper
- ★Smartphone or Tablet



### STATE FAIR MAP



#### While You're There

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

1. Design a new food court
2. Create a multimedia PowerPoint presentation that incorporates your new design, to persuade Fair officials to choose your new

# Tower Transformation

*You'll get a new food court! And You'll get a new food court! And You'll get a new food court...*

## FOODIES

## QUEST 03 GEOMETRY

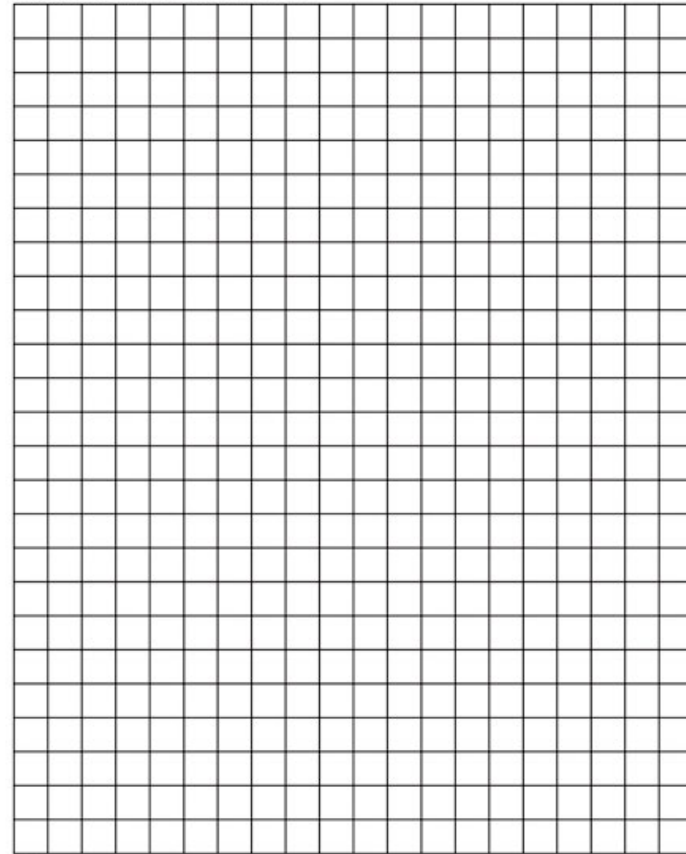
## STATE FAIR OF TEXAS CURRICULUM

Here's some graph paper you can use, if you didn't bring some:

The objective of your visit is to observe and sketch the food court in the Tower Building, so you can take that back to school and use it to help you on your projects.

- ★**TOWER TRANSFORMATION:** Walk through the food court and observe the area.
- o Notice traffic flow and seating. Do you see any problem areas?
  - o Pay attention to details such as colors, textures, shapes, and any themes that you might notice.
  - o What sorts of things grab your attention the most? Why?
  - o Sketch the current floor plan on graph paper or in your sketchbook.
  - o Write down any ideas you have about the new design.
  - o How old do you think the Tower Building is? Do you think the food court was part of the original design? Do you think they are using the original ceiling? See if you can find out the answers to these questions.
  - o Are there any other questions like these that you can ask yourself?

*Nasco's* METRIC GRAPH PAPER



*Nasco* FORT ATKINSON, WISCONSIN 53501 800-558-9191 [nasco.com](http://nasco.com)

COPYRIGHT © NASCO 2012 TR2020



### Back at School

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