## Lights, Camera, Action!

A Geometry Scavenger Hunt and Scrapbook

### STUDENT EDITION

You will be going on a Geometry Scavenger hunt to find real life examples of the Geometry terms at the State Fair of Texas.

### Recap

MC

Make sure you know the definitions of ALL the terms in the list below...otherwise, you won't know what you're looking for!

## GAMERS QUEST 3 GEOMETRY

# STATE FAIR OF TEXAS

★point	★obtuse angle	★complementary angles
★line	★right angle	★supplementary angles
★plane	<b>★</b> square	★vertical angles
$\star$ intersecting lines	*rectangle	★congruent segment
★parallel lines	*trapezoid	★congruent angles
★skewlines	*rhombus	★angle bisector
★perpendicular lines	★parallelogram	*triangle
★vertical line	<b>★</b> kite	★hypotenuse of a right triangle
★horizontal line	*pentagon	★rectangular prism
★parallel planes	★hexagon	★ sphere
*intersecting planes	<b>★</b> octagon	*circle
★perpendicular planes	*decagon	
★acute angle	★adjacent angles	

STATE FAIR NAP

### Plan Your Route

★You will begin your Quest in the Midway. Walk through the Midway to find examples of different items from the list.



### Optional Materials to Bring

★Camera
★Pen or Pencil
★List of items
★Notebook or Paper
★Smartphone or Tablet

 $EF \parallel AD, EF = (a + b)/2$ 

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### STATE FAIR OF TEXAS CURRICULUM

### While You're There

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

- 1. Craft a digital scrapbook of the photos you took at the Fair
- 2. Use some of your photos as inspiration for a larger art project
- 3. Research the terms to find examples of their use elsewhere, and add those, to your work

The objective of your visit is to shoot at least 20 photos of real world examples of the different geometry terms.

### ★ LIGHTS, CAMERA, ACTION!:

- o Search for real life examples from the list of geometry terms. When you see one, you will take a photo of it!
- o Continue doing this until you have at least 20 photos that show different examples from 20 of the terms provided.

#### ★GEOMETRIC ART:

o As you search, keep an eye open for shapes and lines that could inspire you for an art project, and take pictures of them!





#### 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.