

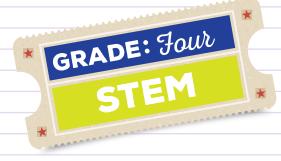
BIG TEX GRADE 4 STEM

ENERGETIC TEX ART ON THE MOVE



STUDENT EDITION





Energetic Tex Art on the Move

While You're There

- * Read the fact sheet on Big Tex again.
- ★ Go over the article on what caused Big Tex to burn in 2012.
- \star Review the article and slideshow to find out how Big Tex moves.
- * Recall that kinetic sculpture contains movement and depends on motion for part of, or all of its effect.
 - * This motion can come from many things, like wind, a motor, or even the observer.
 - * Alexander Calder was a famous kinetic artist.
 - Watch the short video of some of his artwork again if you'd like.
 - His website is: http://www.calder.org/

Plan Your Route.

★ Go directly to Big Tex Circle

Optional Materials to Bring

- * Pen or Pencil
- * Science Notebook or Paper
- * Smartphone, Tablet, or other device
- * Sketchbook for Arts

Connection

While You're There

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

KEEP IT MOVIN'!

- 🖈 Did you know when Big Tex was redesigned in 2013, he was engineered to have 11 movements?
- ★ Can you figure out what they are? Keep track of his movement in the diagram
- About how long does it take below. Big Tex to go through each of his motions?
- What type of energy does Big Tex use when he is moving?

ARTS CONNECTION

- \star Use these questions to help you on your art project
- Do you think Big Tex would be considered a kinetic sculpture? Why or why
- Pay attention to all of the interesting objects that are at the Fair. Are there any objects that would be considered kinetic sculpture?

- 1. Analyze Big Tex's movements, and present your analysis to the class.
- 2. Create your own kinetic sculpture!

You can worry about your two goals when you get back to school.

Right now, observe Big Tex as he goes through his motions! While you are there, sketch, take pictures or take a video of the different types of energy you observe at Big Tex.

STUDENT EDITION





Energetic Tex Art on the Move

Energetic Tex



Plan Your Route.

- ★ Continue straight on Lonestar

 Blvd and take a right on Nimitz

 Drive to go to the Creative Arts

 Building
- ★ Did any of the artists in the Creative Arts Building create kinetic sculptures? If so, what makes them kinetic?

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.

