Name: _____

Date: _____

Cotton Industry Innovations

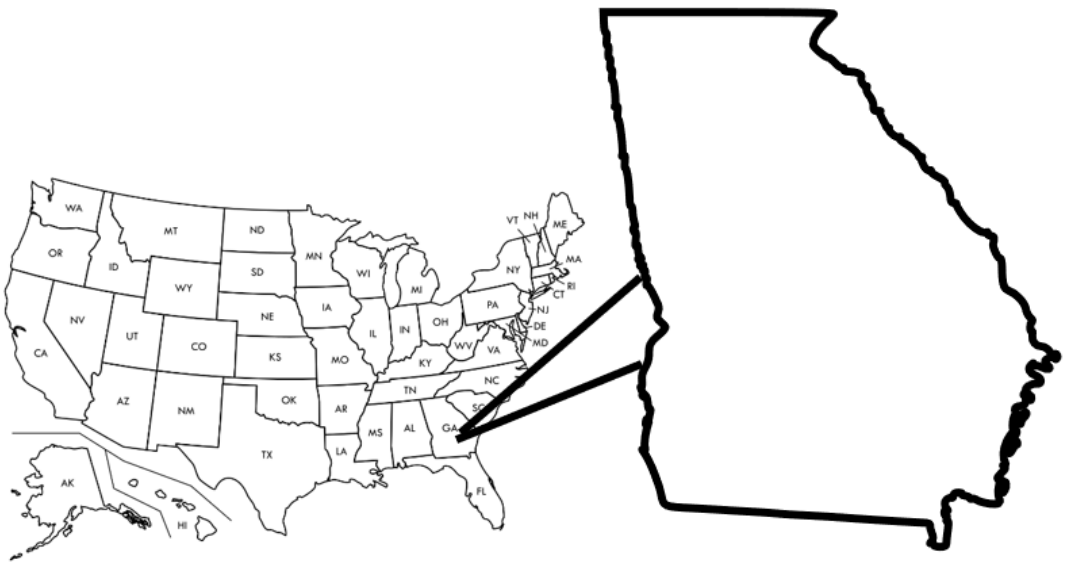
ENGAGE: How are science and engineering alike? How are they different?

On your own: Read your scenario. Which practices exemplify the work of only scientists? Which practices exemplify the work of only engineers? Which might exemplify the work of both?

As a team: Listen to each team member's scenario. Listen for patterns, discuss these patterns, and then come to an agreement for which practices best compare the work of scientists and engineers. Organize your team thinking in the table:

Science	BOTH	Engineering

EXPLORE:



Key

EXPLORE/EXPLAIN:

After listening to the explanation of what we know about cotton, summarize the information using images and a minimum of three (3) key ideas. The beginning has been modeled for you.

About 7000 years ago				Now
				
- seeds germinate - flowers turn to bolls with new seeds - grow in warm climates				

After listening to the explanation, what are you wondering? Ask questions that can be either investigated or researched.

Investigation Questions	Research Questions

DRIVING QUESTION:

How have scientists and engineers affected cotton farming and production practices?