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Appendix 5: Convincing Cotton Cynics

Created: Summer 2019 by the National FFA Organization

DIRECTIONS:

Part 1

Read "Convincing Cotton Cynics" in the Summer 2019 issue of *FFA New Horizons*. Answer the questions below.

1. Circle the items made with cotton and cotton by-products.



1. Look around your classroom. Identify 5 items produced from cotton.

7. How does cotton production affect your daily life?

6. What has Garrett learned from producing cotton?

2. How many acres of cotton did Garrett start with?

3. How many acres does Garrett currently have?

4. What happened to his first crop?

5. "Growing cotton not only has been a

_____ (_____) project for me, but also has been a way for me to _____ an _____ after it's been _____ and _____.

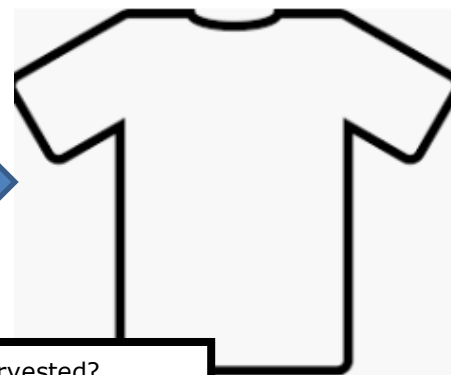
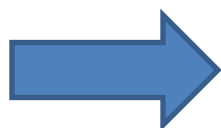
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Aligned to the following standards:
FFA. PL-A; FFA. PL-C.; FFA. PL-D.; FFA. PL-E; FFA. PG-J.; FFA. CS-M.; FFA. CS-N.; FFA. CS-O;
CCSS. RI.9-10.2; CCSS. RI.9-10.4; CCSS. W.9-10.2; CCSS. W.9-10.4;
CCSS. ELA. WHST. 9.10.4; CCSS. SL.9-10.4; CCSS. ELA. W.9-10.4 CRP.02; CRP.04

Part 2

DIRECTIONS:

Reference this website, <https://kids.kiddle.co/Cotton>, to answer the questions below.



1. Describe the machines used to harvest cotton.

2. What is the process after cotton is harvested?

3. Describe the strength of cotton fibers.

4. What happens to the cottonseed after it is removed?

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To further learn about cotton production, watch *The Story of Cotton* and answer the questions below. The video URL is https://www.youtube.com/watch?v=AAUQNMIdp_Y. While watching the video, focus on the steps from planting to the finished product, flower of the cotton plant and how farmers know when it is time to harvest. *If YouTube is blocked, read this article (or one similar), "Cotton is a Miracle of Nature," to answer the questions. The URL for the article is <http://www.nccotton.org/wp-content/uploads/2012/05/cottonmiraclewebformat.pdf>.*

What are **10** cool facts you learned about cotton production while watching the video? *List the facts below.*

How does a farmer know when it is time for harvest?



Using the facts you listed, write a 2- to 3-sentence summary of the video.



Read the passage to the left. How does cotton contribute to the economy?

Cotton is one of the most important textile fibers in the world, averaging about 25 percent of total world fiber use. The United States is the world's third-largest cotton producer and the leading cotton exporter, accounting for one-third of global trade in raw cotton. The U.S. cotton industry accounts for more than \$21 billion in products and services annually, generating more than 125,000 jobs in the industry sectors from farm to textile mill.

(<https://www.ers.usda.gov/topics/crops/cotton-wool/>)

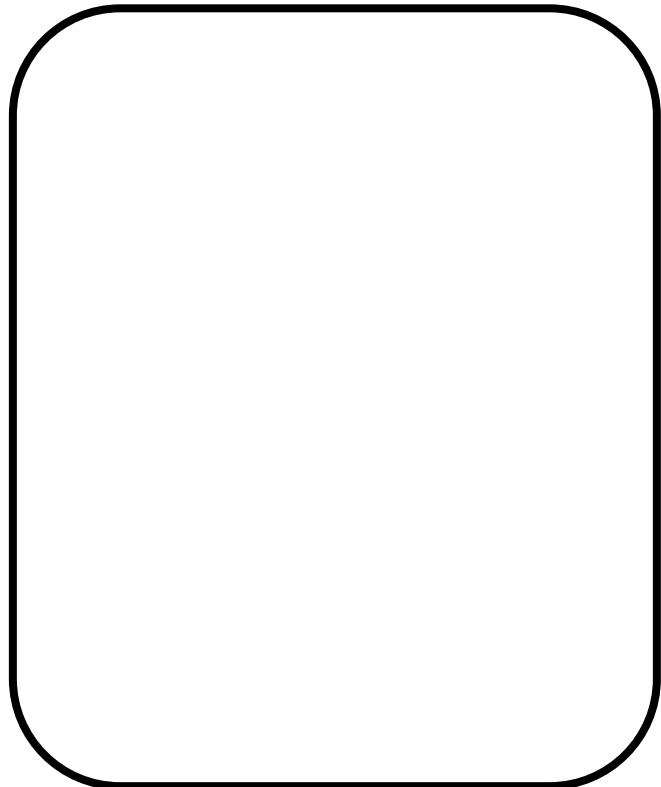
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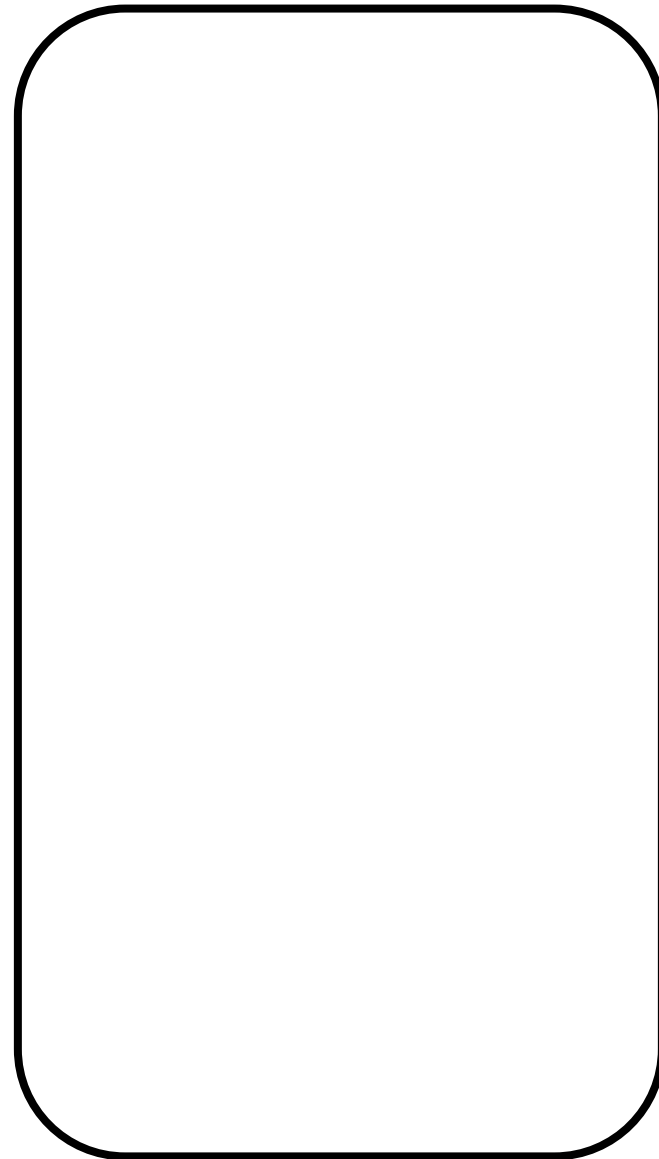
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CCSS. RI.9-10.2; CCSS. RI.9-10.4; CCSS. W.9-10.2; CCSS. W.9-10.4;
CCSS. ELA. WHST.9.10.4; CCSS. SL.9-10.4; CCSS. ELA. W.9-10.4 CRP.02; CRP.04

In the labeled areas below, draw a cotton plant and cotton boll and describe each.

Cotton Plant:



Cotton Boll:



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Part 3

DIRECTIONS

Utilize this website, <https://www.cotton.org/pubs/cottoncounts/story/where.cfm>, to answer the questions below.

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CCSS.RI.9-10.2; CCSS.RI.9-10.4; CCSS.W.9-10.2; CCSS.W.9-10.4;
CCSS.ELA.WHST.9.10.4; CCSS.SL.9-10.4; CCSS.ELA.W.9-10.4 CRP.02; CRP.04

1. What climate can cotton grow in?

2. Why can cotton not be grown in certain climates?



4. What countries grow most of the world's cotton?

3. What is the average yield for cotton?

What does yield mean?



Color the states/region where cotton is produced in the United States.