

NAME: _____

Aligned to the following standards:
CS.01; CS.04; CS.06; FFA.PL-A; FFA.PL-C; FFA.PL-E; FFA.PL-F; FFA.PG-I; FFA.PG-J; FFA.CS-N;
AG1; AG4; AG6; CCSS.ELA.RI.9-10.4; CCSS.ELA.SL.9-10.2; AFNR Career Cluster, Statement 3;
AFNR Career Cluster, Statement 7; CRP.02; CRP.04; CRP.05; CRP.07; CRP.08; CRP.11

Building a Responsible Textile Supply Chain

Part 1

DIRECTIONS:

Read the article “Building a Responsible Textile Supply” found at <https://www.ffa.org/ffa-new-horizons/building-a-responsible-textile-supply-chain/>. Complete the following activities to learn more.

Using a dictionary or [dictionary.com](https://www.dictionary.com), define sustainability.

Now that we have defined sustainability, how would you explain sustainability to a friend or family member?

What role does sustainability play in the agriculture industry?



What is a “textile”?

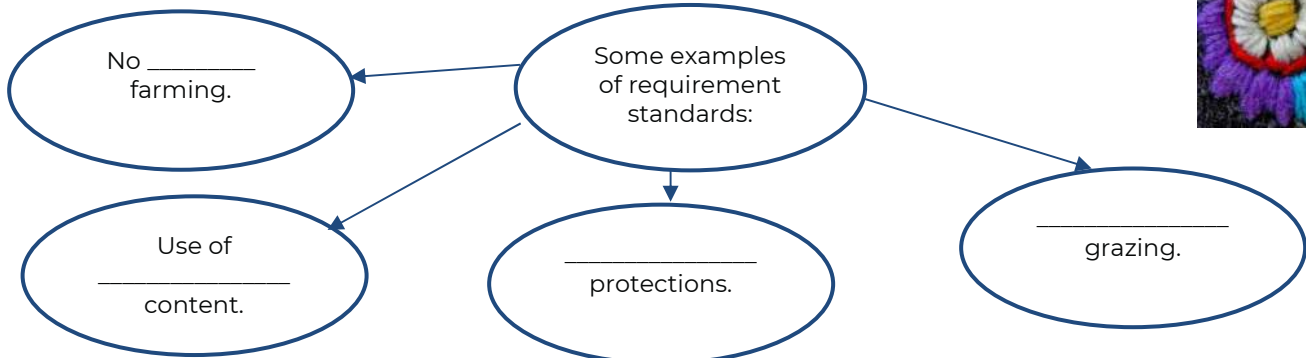
_____ practices are just one piece of the puzzle.

_____ want to know what they are contributing to.

So farmers know how their _____ are being used.

There is an expectation that brands are doing their part in _____.

Describe textile exchange here and complete the bubbles below:



In your own words, describe why the standards mentioned in the article are so important.



In your own words, identify how a consumer like you can impact textile sustainability.

Part 2

DIRECTIONS:

The textile industry plays a very large role in the economy. Today, we are going to continue to learn about the industry. Follow the steps below to learn more about this important industry.

Look at the tag on your shirt, and write down the material that was used to make it. Include the name of the material and the percentage. (Ex. 100% cotton)



Find two more articles of clothing and record their material(s) below. Write the clothing item on the line and the material(s) below. (Ex. two more shirts)

Item 2:

Item 3:

In green, highlight the materials the items have in common. (Ex. rayon)

In purple, circle the materials that are synthetic. (Ex. polyester)

In red, circle the materials that are NOT synthetic. (Ex. cotton)

Why is cotton such a common material used for clothing? Why might synthetic materials be used?

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Part 3

DIRECTIONS:

Follow the steps below to further explore the textile industry from field to shirt. Using the Crop to Campus website from Hanes and complete the following activities.

Watch [Crop to Campus](#) Episode 1 and answer the following questions.

1. What school do the students attend? _____
2. What connection does the textiles industry have with the agriculture industry?
3. Why do you think Hanes is inviting these students to follow their production process?



Watch [Crop to Campus](#) Episode 2. What is the first step to producing a cotton shirt?

C _____ P _____

- What role do farmers play in producing a sustainable product? Give examples.

Is cotton grown in your state? Circle your answer.

Yes No

Why/why not?

Watch [Crop to Campus](#) Episode 3. Once cotton leaves the farm and is cleaned, what is the next step? S _____ g

- Describe the way that cotton is turned into yarn.
- What did you find most surprising about this step of production?
- How does Hanes ensure they are being sustainable during this step in the process? Why is this so important?

Use your research skills and history knowledge to answer this question: Who invented the cotton gin?



Watch [Crop to Campus](#) Episode 4. What is the next step in the production process?

K _____, C _____ and S _____,
D _____.

- To what country does Hanes send their yarn for this step?

- What did you find most surprising about this step of production?



Watch [Crop to Campus](#) Episode 5.

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- What does Hanes do to support their community?
- What are two programs provided by Hanes to support their employees?
(1)
(2)
- How is water quality maintained at the facility? Why is water quality important?

Why do you think these programs are important?

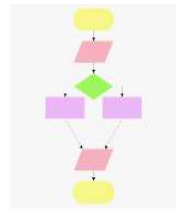
Watch [Crop to Campus](#) Episode 7.

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- What did the students say was the most important thing companies need to do for the future generations? Be T_____.
- What do you think about the production process of a T-shirt now that you have seen the entire process?
- What would you tell someone about the textile industry now that you have been behind-the-scenes for each step of the T-shirt production process?

Think about the process you just learned for turning cotton into shirts. Use the space below to develop a flow chart that depicts the process. Each step in the process should include a label of what is happening (Ex. sewing), a brief description and an image. If needed, revisit the [Crop to Campus](#) videos to ensure you have all the steps in the process.

Example of what a flow chart can look like:



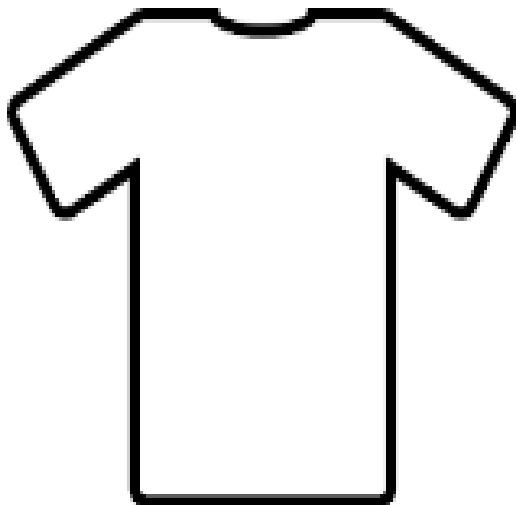
Part 4

DIRECTIONS:

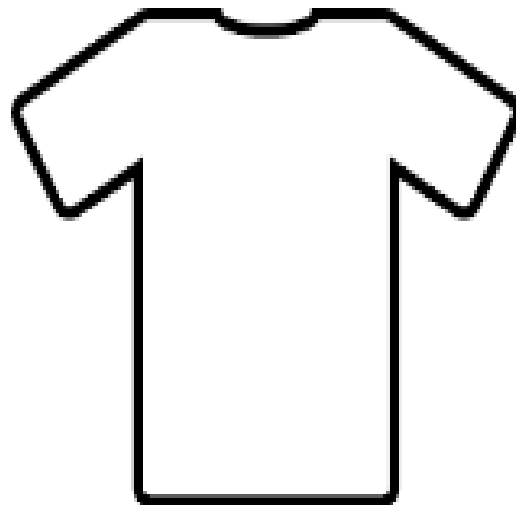
There are many steps in the production of a cotton T-shirt. In the agriculture industry, we have an Agriculture, Food and Natural Resources (AFNR) Value Chain that outlines the industry from start to finish. Using the chart of the AFNR Value Chain below, read the descriptions and draw a line from each step of the T-shirt production process (listed below) to the correct step in the value chain.



Think about the production process and what you have learned and then design a new T-shirt that could be used to share the story of farm-to-product for cotton shirts.



Front



Back

Complete the following statement: What I have learned about the textile industry is ..."