

Cotton Plant to Cotton Shirt by Lola M. Schaefer

Grade Level: 2

Duration: 45 minutes

Maryland Voluntary State Curriculum

Economics Standard: Students will identify the economic principles and processes that are helpful to producers and consumers when making good decisions. (PreK-3 Standard)

4.A.2.a Identify the natural, capital, and human resources used in the production of a good or service (Grade 2)

Reading, Standard: General Reading Processes: Comprehension: Students will use a variety of strategies to understand what they read (construct meaning).

1.E.4.c Identify and explain what is not stated in the text (implied or inferential meaning) (PK-3)

Objective:

- Students will be able to identify the economic resources used to produce a cotton shirt by using what they know and what they learn from text.

Vocabulary:

natural resource- The “gifts of nature” that can be used to produce goods and services including but not limited to land, water, animals, minerals, trees, climate, and soil fertility.

human resource-The health, strength, talents, education, and skills that humans can use to produce goods and services.

capital resource- The goods that are manufactured and constructed by people and used to produce other goods and services, including but not limited to factories, warehouses, roads, bridges, machinery, ports, dams, and tools.

Materials:

For Teacher:

Teacher Resource Sheet #1, “Man Working”

For Student:

Student Resource Sheet #1, “Economic Resources Used to Make a Cotton Shirt.”

Lesson Development:

1. **Motivation:** Display Teacher Resource Sheet #1, “Man Working.” Generate a chart such as the following on the board to teach the difference between a literal observation and an inference. Record student responses as they observe the picture.

Note to teacher: You may need to review the definitions of literal observation and inference with students.

- *Literal observation: What you can actually see and/or what is stated directly from the text.*

- *Inference: What you think you know based on what you have observed/read and linked to your prior knowledge. (what I observed/read + prior knowledge + inference)*

I Can See....	I Already Know...	I Can Infer...
A man wearing a workshirt and hat	Farmers wear workclothes. Farmers live on farms.	The man in the picture is a farmer.
A barn	Barns are built on farmland.	This is a picture of a farm.
Cows	Cows can give milk	Cows are milked on the farm.

2. Use Teacher Resource Sheet #1, “Man Working” to review the terms natural, capital and human resources.

Natural resource: The cows are a natural resource because they come from nature.

Capital resource: The barn and silo are capital resources because they are made by people and used to help produce farm products.

Human resource: The man is a human resource because he is doing work to produce farm products.

3. Distribute 3 sticky notes per child. Have them write natural resource on one note, capital resource on another, and human resource on the third note. These will be used for note taking purposes during reading.
4. Display the book, “Cotton Plant to Cotton Shirt” and discuss the fact that this book shows the steps for making a cotton shirt. Remind the students that resources are used when a shirt is made. Tell the students that the words “natural, capital, and human resources” are not used in this book. Remind the students that they can make inferences as they are reading to identify the natural, capital, and human resources used to make a shirt.
5. Tell the students that while they are reading they will place the 3 sticky notes in the text where they find examples of natural, capital and human resources.
6. Have the students read the book (individually, in pairs, etc.)
7. After reading, generate a class discussion using the following stance questions:
 - What was the author’s purpose for writing this book? (Global)*
 - Recall some of the major steps in producing a shirt. (Global)*
8. If the students are not clear about the steps for producing a shirt, you may want to have the students trace the steps illustrated in the “From Plant to Shirt” diagram on the inside back cover to review the process. Have them

stop at the sewing machine to make the end of the shirt production. The rest of the diagram shows the distribution of the shirt.

9. Have the students revisit the text to identify a capital resource they marked with a sticky note. Have the students look for text references and text features that helped them infer that this was a capital resource.
10. Have the students orally explain their choice of a capital resource using the following inference frame.

I Can See or Read...	I Already Know...	I Can Infer...
I chose _____ as a capital resource.	I know... (Tell something you know about capital resources.)	I infer that _____ is a capital resource because...

Possible response:

I chose a cotton gin.

I know that capital resources are tools or machines used in producing a good or a service.

I infer that a cotton gin is a capital resource because it is a machine used to clean the cotton for making the shirt.

11. **Assessment:** Distribute Student Resource Sheet #1, “Economic Resources Used to Make a Cotton Shirt.” Display a transparency of the resource sheet. Model how to fill in the capital resources section using the capital resources identified by students. Help them fill in the “I can infer...” section of the chart. Have individual students complete the human and natural resource section of the resource sheet.

Remind students to check their work by thinking about the following checklist.

Have I identified a natural resource and human resource used to produce a cotton shirt?

Have I explained my resource choices in the inference frames?

Economic Resources Used to Make a Cotton Shirt

Capital Resource	Natural Resource	Human Resource

Complete the charts to explain your inferences.

I Can See or Read...	I Already Know...	I Can Infer
<p>I chose _____</p> <p>as a capital resource.</p>	<p>I know that...</p> <p>(Tell something you know about capital resources.)</p>	<p>I infer that _____</p> <p>is a capital resource because...</p>

I Can See or Read...	I Already Know...	I Can Infer
<p>I chose _____</p> <p>as a natural resource.</p>	<p>I know that... (Tell something you know about natural resources.)</p>	<p>I infer that _____</p> <p>is a natural resource because...</p>

I Can See or Read...	I Already Know...	I Can Infer
<p>I chose _____</p> <p>as a human resource.</p>	<p>I know that... (Tell something you know about capital resources.)</p>	<p>I infer that _____</p> <p>is a capital resource because...</p>

Man Working



I Can See or Read...	I Already Know...	I Can Infer
A man wearing a workshirt and hat	Farmers wear workclothes Farmers live on farms	