

LESSON 1

LINDA WALKER/OLOH

SUMMARY

Grade 7, U.S. History through the Civil War

Time Allotment: 30 to 45 minutes

Curriculum Areas: History, Computer Skills, and Language Arts

RATIONALE

Early Armory production changed dramatically with the inventions introduced in the early 1800's. These inventions ushered in a new system of production that utilized mechanized interchangeable parts instead of teams of skilled craftsmen.

GOAL

This is a guided reading. The goal of this lesson plan will be for students to become familiar with the web site and to understand the advances in technology made during the Industrial Revolution at the Springfield Armory.

OBJECTIVES

The web site and questions will steer students through the aforementioned period.

MATERIALS

Worksheet / pen

Guided Reading/Early Armory Production

Go to Themes #2 "The Changing World of the Industrial Craftsmen".

Click on I, "Changes in the daily work of Armory workers".

Read and watch the video "Craftsmen Tradition" by clicking on the picture near that heading, and then answer the following Questions.

1. Explain the division of labor under the European pattern.
2. What was Col. Roswell Lee's role in changing the way the musket was produced?
3. Why did many skilled workers leave Armory employment for other industries?

Watch the videos entitled "Worker and Industrialization" and "Worker and Industrialization II". Discuss student's answers with the class.

Assessment/Evaluation: At the end of the period, collect all written work. Also determine from any discussion whether students have a better understanding of the information after watching the videos.

Answers

1. The division of labor was made up of different craftsmen with specialized functions. There was a stock maker, lock maker, and a barrel forger. (This is where we get the term “lock, stock, and barrel”.)
2. The army committed itself to the development and production of fully interchangeable muskets. Roswell proposed the use of precision gauges to monitor the correct fit of the muskets’ parts at all stages of production.
3. Individuals were now paid by the piece instead of a daily wage. Because of this, their pay was reduced. Also the “Armourers” lost control of the pace and quality of their work.

NAME _____

SPRINGFIELD ARMORY WORKSHEET

INDUSTRIALIZATION 1/Walker

1. Explain the division of labor under the European pattern.

What was Col. Roswell Lee's role in changing the way the musket was produced?

Why did many skilled workers leave Armory employment for other industries?
