

A NEW INDUSTRIAL AGE : LATE 19TH CENTURY AMERICA EXPERIENCED AN INDUSTRIAL BOOM

SECTION 1: THE EXPANSION OF INDUSTRY

-After the Civil War (1865) the U.S. was still largely _____

-By 1920, the U.S. had become the?

-This enormous growth Industry in the U.S. was due to three factors;

1) _____

2) _____

3) _____, which provided cheap? _____.

BLACK GOLD

-In 1859, What made Edwin Drake significant?
_____.

-This breakthrough started an oil boom in the Midwest and later, what state? _____

-At first the process was limited to transforming the oil into kerosene and throwing out the _____ - a byproduct of the process.

-Later, when the automobile became popular, _____, became the most important form of oil.

BESSEMER STEEL PROCESS

-Oil was not the only valuable natural resource, what other natural resources did the U.S. have?
_____.

-When you removed the carbon from iron, the result was a lighter, more flexible and rust resistant compound – _____ This process was known as the?

_____, developed by Henry Bessemer and American ironmaker? _____

-By 1880, American manufacturers were using this new process to produce more than? _____% of the nation's steel.

-What natural resources were most important for industrialization?

NEW USES FOR STEEL

-The _____, with thousands of miles of _____, were the biggest customers for _____

-Other uses emerged such as: _____, and the first _____ with a steel frame, designed by?

The Power of Electricity

-1876- _____ established the world's first research lab in New Jersey

-There Edison perfected the _____ in 1880

-What does incandescent mean? _____.

-Later he invented an entire system for producing and distributing

-By 1890, electricity powered numerous machines

-In the past, manufactures had have their industries near sources of power, such as rivers, now they could?

_____, which enabled industry to grow.

-How do you think electricity changed American life?

_____.

Inventions Change Lifestyles

-Christopher Sholes invented the _____ in 1867

-His invention forever affected office work and paperwork

-It also opened many new jobs for _____

-1870: Women made up less than _____ of workforce. 1910: They made up _____

-Another important invention of the late 19th century was the

- _____ and Thomas Watson unveiled their invention in 1876

-Clothing use to be hand sewn at home, explain how industrialization changed this?

_____, many who were women.

-What also did Industrialization free up and reduce?

_____.