

Industrial Revolution

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1. Period from 1865
(end of the civil war)
to 1900

2. Revolution: dramatic change

(in how goods were
produced)

Goods were produced in
factories rather than by
craftsmen in small shops or at
home.

3. Civil War had important influences on the industrial revolution.

A. Civil War increased manufacturing - war supplies

3. Civil War had important influences on the industrial revolution.

B. Civil War was profitable for business owners - money to invest in more business.

4. Manufacturing mainly in the cities in the Northeastern U.S.

They had three important requirements:

1) labor

4. Manufacturing mainly in the cities in the Northeastern U.S.

They had three important requirements:

2) Capital (money)

4. Manufacturing mainly in the cities in the Northeastern U.S.

They had three important requirements:

3) Natural resources (coal and iron ore

Influences of the Industrial Revolution

**1. Urbanization: Cities
grew rapidly as people
moved to the cities for
jobs.**

Influences of the Industrial Revolution

**2. Growth of the
Middle class (earned
more money moved
“up” in class)**

Influences of the Industrial Revolution

3. Unsafe working conditions and child labor

Influences of the Industrial Revolution

**4. helped increase
agricultural
production (improved
machinery)**

Influences of the Industrial Revolution

5. increased pollution

pollution pollution

pollution pollution

Influences of the Industrial Revolution

**6. Railroads increased
the population in the
West**

Urbanization

Both **positive** and
negative effects

Urbanization

**1. more opportunity
for jobs (employment)
positive good
we like this :)**

Urbanization

2. more cultural

activities

museums and

libraries

Urbanization

3. Overcrowding

as more people moved
from rural areas to the
cities

Urbanization

4. Dangerous

living conditions

tenement houses and

increased crime

Mass Production

**1. Increased production
and decreased cost of
goods**

**goods made cheaper and
faster than before**

Mass Production

2. Interchangeable parts

**parts made the same and
then products assembled-
no longer made one at a
time**

Mass Production

3) Later Henry Ford developed the assembly line which further sped up the process

Automation

**1. fewer people needed
to build goods more
machines fewer
workers**

Automation

**2. more capital money
needed - more
expensive to start
businesses**

Automation

**3. evolution of workers
from skilled craftsmen
to unskilled labor now
to skilled workers**

Corporations

**large businesses owned by
stockholders**

**1. raise capital (money)
by selling stock - they
are part owners**

Corporations

**large businesses owned by
stockholders**

**2. gradually became
most important type of
large business**

Tariffs

**duties or extra charges on
foreign goods**

**1. help U.S. manufactures
by increasing the price of
foreign goods**

Tariffs

**duties or extra charges on
foreign goods**

**2. to protect U.S.
industries and jobs**

Tariffs

**duties or extra charges on
foreign goods**

**3. economic
“nationalism” or
protectionism**

The most of the industrial centers were in the northeast (capital, labor, and natural resources available)
railroads helped the growth of cities in the west

Growth of the Middle Class
poor and unsafe working conditions

Child labor
helped increase agricultural production- better equipment increased farmer's output
increased pollution- both from factories and from increased pollution

More opportunity for employment (+)
more cultural activities- museums and libraries (+)
overcrowding- as people moved from the rural areas to the cities for work (-)
dangerous living conditions (tenement houses) and increased crime (-)

Increased production and decreased the cost
of goods

Assembly line developed by Henry Ford-
building cars priced for the average person

Interchangeable parts- all parts are the
same, no longer made individually by
craftsmen

Fewer people were needed to build goods-
more machines (workers replaced by
machines)

more capital (money and machines) needed
- harder and more expensive to start a
business

