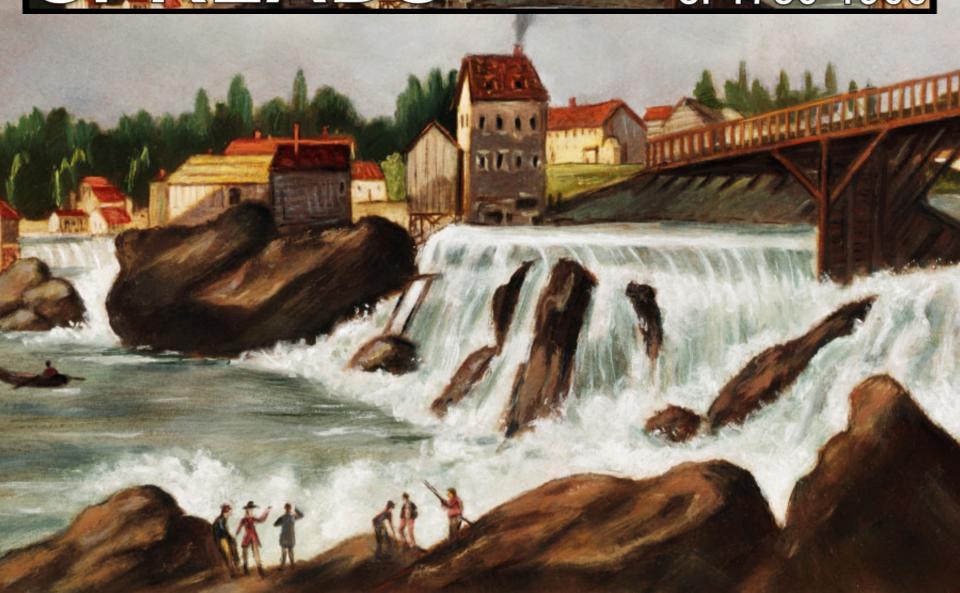
INDUSTRIAL REVOLUTION: REVOLUTIONS SPREADS c. 1750-1900



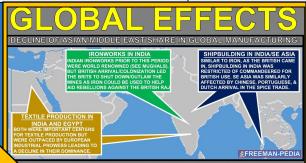
THIS IS THE THEMATIC FOCUS. IT'S WHAT YOU SHOULD FOCUS ON FOR THIS SECTION

RECOGRAPHY 1800S PREADS 1800S C. 1750-390 1800S C. 1750-390 AS EUROPEAN PRODUCTION GREW MIDDLE EAST IX ASIA SAWA DECLINE IN PRODUCTION SHIP

THEMATIC FOCUS

Technology and Innovation TEC

Auman adaptation and innovation have resulted in increased efficiency, comfort, and security, and technological advances have shaped human development and interactions with both intended and unintended consequences.



KC-5.1.II.B

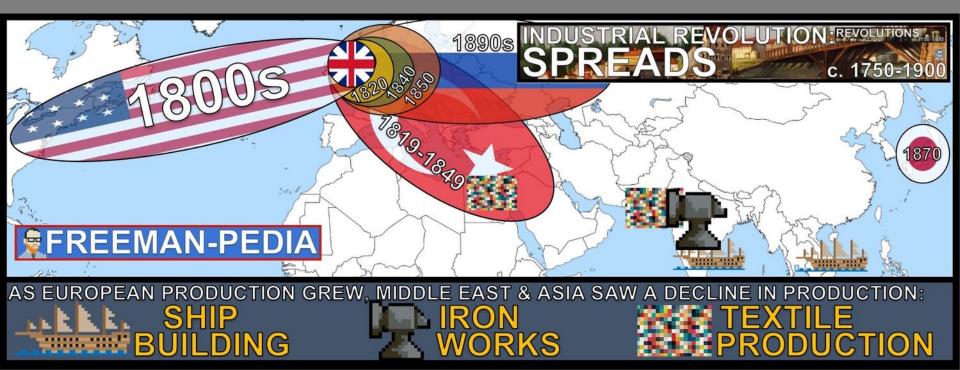
The rapid development of steam-powered industrial production in European countries and the U.S. contributed to the increase in these regions' share of global manufacturing during the first Industrial Revolution. While Middle Eastern and Asian countries continued to produce manufactured goods, these regions' share in global manufacturing declined.

KC-5.1.I.D

As new methods of industrial production became more common in parts of northwestern Europe, they spread to other parts of Europe and the United States, Russia, and Japan.



GEOGRAPHY



INDUSTRIAL REVOLUTION: REVOLUTIONS SPREADS c. 1750-1900

THE INDUSTRIAL REVOLUTION BEGAN IN

BUT, IT QUICKLY SPREAD...

1810s: UNITED STATES OF AMERICA

■ FRANCIS CABOT LOWELL MEMORIZED MACHINES WHILE WORKING IN ENGLAND & BUILT AMERICA'S FIRST "FACTORY" IN 1813

1825: **BELGUM**

FORMER ENGLISHMAN JOHN COCKERILL TRANSPLANTED HIS FAMILY BUSINESS

1830s: FRANCE

■ INDUSTRIALIZATION WAS SLOW AFTER THE 25+ YEARS OF WARFARE IN FRANCE

1840s: GERMANY

BEGINNING IN 1840s & TAKING OFF AFTER UNIFICATION (1871), GERMANY CAME TO RIVAL THE BRITISH INDUSTRIAL OUTPUT (GERMANY=#1 INDUSTRIALIZED NATION IN THE WORLD BY 1914)

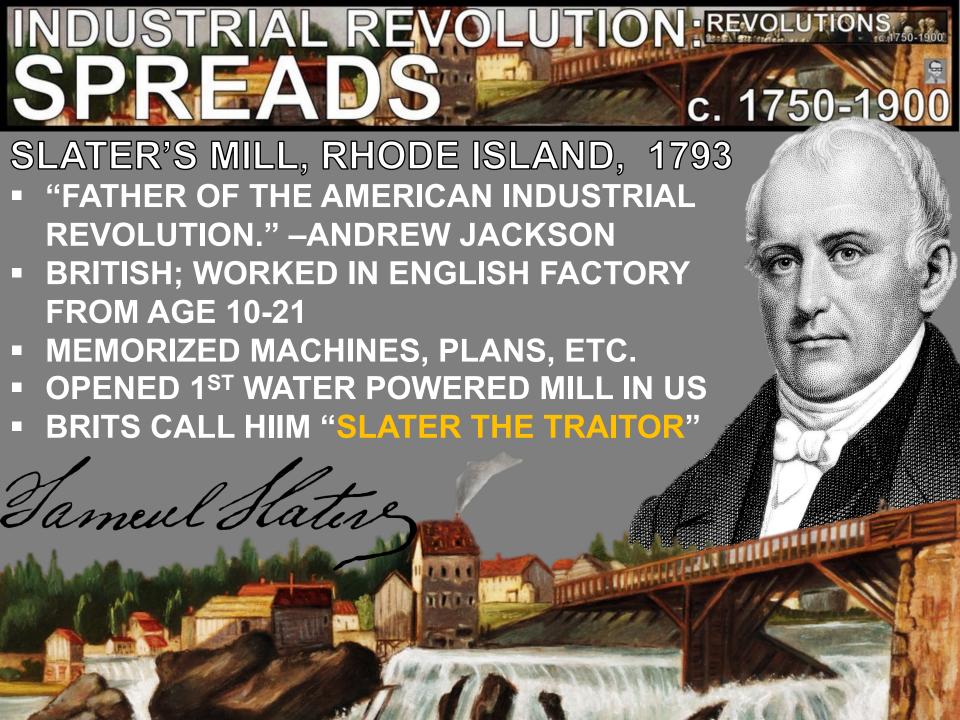
1870s: **JAPAN**

JAPANESE INDUSTRIALIZATION FOLLOWED THE MEIJI RESTORATION (RAPID MODERNIZATION)

1890s: **RUSSIA**

- TSAR NICHOLAS II BEGAN SLOW PROCESS OF INDUSTRIALIZATION LAGGING BEHIND THE WEST
- CONSTRUCTION BEGINS ON THE TRANS-SIBERIAN RAILROAD TO CONNECT TO PACIFIC





DEUTION REVOLUTIONS c. 1750-190

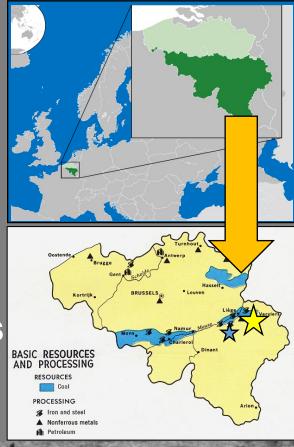


John

Cockerill

- TWO BRITISH INDUSTRIALISTS **MOVED TO RESOURCE RICH** WALLONIA, BEL<mark>GIUM</mark> IN 1807→
 - **WILLIAM WAS A MECHANICAL ENGINEER IN ENGLAND**
 - ←JOHN (SON) TOOK OVER
 - **BUILT TEXTILE MACHINERY** FACTORY IN 1807 IN **VERVIERS**

BY THE 1840s, THE COCKERILLS WERE THE WORLD'S LARGEST STEEL PRODUCER





OLUTION: REVOLUTIONS

RUSSIA FINALLY BEGINS TO CATCH UP

- RUSSIA WAS ON A PRETTY BIG WIN STREAK:
- MONGOLS, PETER, OTTOMANS, CATHERINE, NAPOLEON...
- **CONSERVATIVE TSARS IN MID 1800s SLOWED MODERNIZATION DOWN (WORST TIMING...)**
- **CATALYST: RUSSIA LOSES CRIMEAN WAR (1853-6)**
 - TO A COALITION OF BRITAIN, FRANCE, OTTOM.
- RUSSIA MUST MODERNIZE TO CATCH UP
 - **1861: EMANCIPATE THE SERFS**
 - 1892: APPOINT SERGEI WITTE TO FINANCE MIN
 - FORMER TICKET CLERK

EKATERINBURG

- **BUILT TRANS-SIBERIAN RAILROAD**
- **BUILT COMMERCIAL SCHOOLS**
- SIGNED TRADE TREATIES WITH CHINA

SERGEI WITTE, VLADIVOSTO ÚLAÀNBAATAR

PRIME MINISTER. FINANCE MINISTER & MINISTER OF TRANSPORT,

ADVOCATE FOR MODERN