**APWH Chapter 29**

**Learning Objectives & Essential Questions**

**The student will be able to identify, explain/discuss/answer the following items:**

1. **Explain the development of the factory system concentrated production in a single location and led to an increasing degree of specialization of labor.**
2. **Explain how 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.**
3. **Explain how the “second industrial revolution” led to new methods in the production of steel, chemicals, electricity, and precision machinery during the second half of the 19th century.**
4. **Explain how railroads, steamships, and the telegraph made exploration, development, and communication possible in interior regions globally, which led to increased trade and migration.**
5. **Explain how in response to the social and economic changes brought about by industrial capitalism, some governments, organizations, and individuals promoted various types of political , social, educational, and urban reforms.**
6. **Explain how social classes, including the middle class and the industrial working class, developed.**
7. **Explain how the effects of the industrial revolution were global.**

**Vocabulary / Important Terms**

**Calicoes**

**Mule**

**Flying shuttle**

**Power loom**

**James Watt**

**George Stephenson**

**Factory system**

**Luddites**

**Eli Whitney**

**Henry Ford**

**Corporations**

**Trusts & cartels**

**Crystal Palace**

**Demographic transition**

**Middle class**

**Working class**

**Child labor**

**Utopian societies**

**Karl Marx**

**Friedrich Engels**

**Bourgeoisie**

**Proletarians**

**The Communist Manifesto**

**Trade unions**

**Life of Josiah Wedgwood**

**Samuel Crompton**

**Edmund Cartwright**

**Rform Bill**

**Factory Act**

**Mines Act**

**Bessemer’s converter**