Study Guide for Industrial Revolution Quiz 1 On Monday, December 5th 2016

Readings: Human Legacy Section 21.1 (pp.633-639) and 21.2 (pp. 640-645) and Discovery Education Techbook section 21.3, pages 1-7)

I. Be able to match the following Inventors with their inventions

John Kay  Flying Shuttle
James Hargreaves  Spinning Jenny
Richard Arkwright  Water frame
Edmund Cartwright  Power Loom and factory system
James Watt  Steam Engine
Eli Whitney  Cotton ‘Gin’ (short for engine)

II. Be able to define the following terms and explain their impact on industrialization/society

1. Crop Rotation
2. Seed Drill
3. Enclosure movement
4. Factors of production (land, labor & capital)
5. Cottage Industry/putting out system
6. Factory System (mass production, assembly line, interchangeable parts)
7. Power sources (manual, animals, water, steam)
8. Fuel sources (wood, coal)
9. Construction materials (iron)

III. Extended response questions:

1. Explain relationships between the “agricultural revolution,” population growth, industrialization, specialization of labor, and patterns of land-holding

2. Explain how industrialization and urbanization affected class structure, family life, the daily lives of men, women, and children, and the environment.

3. Explain the advantages (factors of success) Britain had for industrialization:

1) colonial empire to provide source of raw materials and a market for goods 2) a well-developed merchant marine to carry on trade and navy to protect its interests 3) Political stability (no revolutions) 4) Government support (laws favor business & industry & trade) 5) Growth of private enterprise — a well-educated bourgeoisie class who were willing to invest in industrialization.