

Name: \_\_\_\_\_ Seat \_\_\_\_\_ Period \_\_\_\_\_ Date: \_\_\_\_\_

Whitney High School  
9<sup>th</sup> Grade World History

Lesson 77 • Handout 155  
S. Rosenberg

**Industrialism: Inventions**

**Developments in Agriculture and Industry / 18<sup>th</sup> & 19<sup>th</sup> Centuries**

**Instructions:** Complete the chart with information from the textbook and the Internet. This is an INDIVIDUALIZED assignment. No collaboration! SiR will check on your work next class session.

	<b>Inventor</b>	<b>Invention / Year</b>	<b>Importance</b>
1.	Charles Townshend	four-year rotation of crops—1700s	
2.	Jethro Tull		plant seed in straight rows—increased efficiency in agriculture
3.		developed a practical steam engine—1705	
4.	Abraham Darby	process of coking to remove chemical impurities from coal—1713	
5.	John Wyatt		make it possible to spin many threads of wool at the same time
6.		flying shuttle—1733	cut in half the time it took to weave cloth from yarn

Inventor	Invention / Year	Importance
7.	water frame—1769	water-powered spinning machine
8. James Hargreaves		made it possible to spin many threads at the same time
9.	improved on Newcomen's steam engine—1769	
10. Samuel Crompton		combination of spinning jenny and water frame to produce yarn for fine textiles such as muslin and other sheer materials
11.		replaced hand-operated loom to produce women cloth faster
12.	puddling process—1780	
13. Eli Whitney		
14	Bessemer process—1850s	