**(6:10) Middle School Documents: Transforming America**

John L. O'Sullivan, 1845: “Our manifest destiny is to overspread the continent allotted by providence for the free development of our yearly multiplying millions.”

## Technological change 1790-1850

|  |  |  |
| --- | --- | --- |
| Inventor | **Year** | **Achievement** |
| Samuel Slater | 1790 | Opened first U.S. factory |
| Eli Whitney | 1793 | Invented the cotton gin |
| Charles Newbold | 1797 | Invented a cast-iron plough |
| Eli Whitney | 1798 | Developed interchangeable parts |
| Oliver Evans | 1804 | Improved the steam engine |
| Robert Fulton | 1807 | Developed a steamboat |
| NYS Erie Canal | 1817-25 | Connects Hudson River with Great Lakes |
| Cyrus McCormick | 1831 | Invents harvesting reaper |
| John Deere | 1837 | Invents steel-typed plough |
| Charles Goodyear | 1839 | Invents hardened rubber |
| Samuel Morse | 1844 | Invents the telegraph |
| Elias Howe | 1846 | Invents a sewing machine |

|  |
| --- |
| **Tonnage Over Erie Canal from Western States and New York 1836-1860**  Year Western States New York  1836 54,219 364,906  1840 158,148 309,167  1845 304,551 655,039  1850 841,501 530,358  1855 1,092,876 327,839  1860 1,896,975 379,086 |