

INDUSTRIAL REVOLUTION TIMELINE

NEWCOMEN STEAM ENGINE	1712
Thomas Newcomen invents the first practical steam engine designed to pump water out of mines.	
THE SPINNING JENNY	1764
James Hargreaves invents the multi-spool spinning wheel, dramatically increasing textile production speed.	
WATT'S STEAM ENGINE PATENT	1781
James Watt patents a steam engine that produces continuous rotary motion, enabling factory mechanization.	
COMMERCIAL STEAMBOAT	1807
Robert Fulton's North River Steamboat begins the first successful commercial passenger service.	
TELEGRAPHY	1837
Samuel Morse and others develop the electrical telegraph, revolutionizing long-distance communication.	
BESSEMER PROCESS	1855
Henry Bessemer patents a method for mass-producing steel, leading to the growth of skyscrapers and railroads.	

INCANDESCENT LIGHTBULB

1879

Thomas Edison perfects the electric lightbulb, paving the way for modern electrical grids.

FIRST POWERED FLIGHT

1903

The Wright Brothers achieve the first controlled, sustained flight of a powered aircraft.

THE MOVING ASSEMBLY LINE

1913

Henry Ford installs the first moving assembly line for the mass production of automobiles.