

INDUSTRIAL REVOLUTION TIMELINE

Key Inventions & Technological Milestones

1712

Atmospheric Steam Engine *Thomas Newcomen*

The first practical device to harness steam to pump water out of mines.

1764

Spinning Jenny *James Hargreaves*

A multi-spindle spinning frame that revolutionized textile production.

1769

Watt Steam Engine *James Watt*

An improved steam engine with a separate condenser, greatly increasing efficiency.

1793

Cotton Gin *Eli Whitney*

A machine that quickly and easily separated cotton fibers from their seeds.

1807

Commercial Steamboat *Robert Fulton*

The North River Steamboat (Clermont) began regular passenger service.

1837

Telegraph System *Samuel Morse*

Revolutionized long-distance communication using electric pulses and Morse code.

1855

Bessemer Process *Henry Bessemer*

The first inexpensive industrial process for the mass production of steel.