

TECHNOLOGY & SCIENCE TIMELINE

THE INDUSTRIAL AGE

1769

Steam Engine Patent

James Watt improves the Newcomen engine, fundamental to the Industrial Revolution.

1837

Telegraphy

Samuel Morse and others develop the electrical telegraph and Morse code.

MODERN PHYSICS & ELECTRICITY

1879

Incandescent Light Bulb

Thomas Edison patents a practical electric light source.

1905

Theory of Relativity

Albert Einstein publishes Annus Mirabilis papers, reshaping our view of time and space.

THE DIGITAL REVOLUTION

1947

The Transistor

Bell Labs creates the transistor, replacing vacuum tubes and enabling modern computing.

1969

ARPANET / Moon Landing

First message sent over the precursor to the Internet; Apollo 11 lands on the Moon.

1989

World Wide Web

Tim Berners-Lee proposes an information management system at CERN.

THE GENOMIC & AI ERA

2003

Human Genome Project

Completion of the first full sequencing of the human genome.

2023

Generative AI Expansion

Large-scale integration of transformer-based AI into global industry and daily life.