

1. **Control of Fire** (Prehistoric Era) - Early humans' ability to create and control fire.
2. **Invention of the Wheel** (c. 3500 BC) - Mesopotamia.
3. **Development of Writing** (c. 3200 BC) - In ancient Sumer (modern-day Iraq).
4. **Agriculture** (c. 9500 BC) - Neolithic Revolution, beginning of farming.
5. **Bronze Age** (c. 3300 BC) - The discovery and use of bronze.
6. **Iron Age** (c. 1200 BC) - The discovery and use of iron.
7. **Aqueducts** (c. 312 BC) - Ancient Rome, for water supply.
8. **Concrete** (c. 300 BC) - Ancient Roman material innovation.
9. **Paper** (c. 100 BC) - Invented in China.
10. **The Compass** (c. 200 BC-100 AD) - Ancient China, for navigation.
11. **Zero (0)** (3rd Century) - Conceptualized in India.
12. **Printing Press** (1440) - Invented by Johannes Gutenberg in Germany.
13. **Microscope** (1590) - Developed in the Netherlands.
14. **Telescope** (1608) - Invented by Hans Lippershey in the Netherlands.
15. **Steam Engine** (1712) - Developed by Thomas Newcomen.
16. **Vaccination** (1796) - Developed by Edward Jenner for smallpox.
17. **Electric Battery** (1800) - Invented by Alessandro Volta.
18. **Locomotive (Steam Train)** (1804) - Invented by Richard Trevithick.
19. **Photography** (1826) - First photograph by Joseph Nicéphore Niépce.
20. **Telegraph** (1837) - Perfected by Samuel Morse.
21. **Anesthesia** (1846) - First used by William Morton for surgery.
22. **Rubber Vulcanization** (1844) - Invented by Charles Goodyear.
23. **Sewing Machine** (1846) - Invented by Elias Howe.
24. **Dynamite** (1867) - Invented by Alfred Nobel.
25. **Telephone** (1876) - Invented by Alexander Graham Bell.
26. **Light Bulb** (1879) - Improved by Thomas Edison.
27. **Automobile** (1886) - Invented by Karl Benz.
28. **Radio** (1895) - Invented by Guglielmo Marconi.
29. **Airplane** (1903) - First powered flight by the Wright brothers.
30. **Plastic** (1907) - First fully synthetic plastic by Leo Baekeland.
31. **Penicillin** (1928) - Discovered by Alexander Fleming.
32. **Nuclear Fission** (1938) - Discovered by Otto Hahn and Fritz Strassmann.
33. **Antibiotics** (1942) - Mass production of penicillin during WWII.
34. **Transistor** (1947) - Invented at Bell Labs.
35. **DNA Double Helix** (1953) - Described by Watson and Crick.
36. **Integrated Circuit** (1958) - Invented by Jack Kilby and Robert Noyce.
37. **Laser** (1960) - Invented by Theodore Maiman.
38. **Apollo Moon Landing** (1969) - Apollo 11, first human moon landing.
39. **Internet** (1969) - ARPANET commissioned by the U.S. Department of Defense.
40. **Personal Computer** (1970s) - Development of the first personal computers.
41. **Mobile Phone** (1973) - First handheld mobile phone by Motorola.
42. **MRI Scanner** (1977) - Developed by Raymond Damadian.
43. **World Wide Web** (1989) - Invented by Tim Berners-Lee.
44. **GPS** (1993) - Global Positioning System fully operational.
45. **Human Genome Project** (Completed 2003) - Mapped the human genome.
46. **Smartphone** (2007) - iPhone launched by Apple.
47. **CRISPR Gene Editing** (2012) - A revolutionary tool in genetic engineering.
48. **Artificial Intelligence** (Ongoing) - Rapid advancements in AI technology.
49. **Quantum Computing** (Ongoing) - Development of quantum computers.
50. **COVID-19 Vaccine** (2020) - Rapid development and deployment.