

SS#11

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STUDY GUIDE: FAMOUS INVENTORS

This study guide gives a list of famous inventors and their inventions. Many of these inventors are listed in the "Inventor's Hall of Fame."

INVENTION	INVENTOR
1. Telephone	Alexander Graham Bell
2. Telegraph	Samuel F. B. Morse
3. Wireless Telegraph	Guglielmo Macrconi
4. Phonograph	Thomas Edison
5. Television	Philo Taylor Farnsworth
6. Microwave Oven	Percy Spencer
7. Telescope	Galileo
8. Reflecting Telescope	Isaac Newton
9. Sewing Machine	Elias Howe
10. Model T Car	Henry Ford
11. Factory Assembly Line	Henry Ford

12. First motor car that was never Sold (3 wheels)	Karl Benz
13. First 4 wheel car	Gottlieb Daimler and Wilhelm Maybach
14. Carburetor	Gottlieb Daimler
15. Gas Motor Engine	Nicolaus August Otto
16. Elevator	Elisha Graves Otis
17. Nuclear Reactor	Enrico Fermi
18. Typewriter	Christopher Sholes
19. Ballpoint Pen	Lazlo Biro
20. Electric Light Bulb	Joseph Swan (England) 1878 Thomas Edison (America) 1879
21. Printing Press	Johannes Gutenberg
22. Kodak Camera	George Eastman
23. Polaroid Camera	Edwin Land
24. Miner's Lamp	Humphrey Davy
25. Fire Extinguisher (metal cylinder of water)	George Manby
26. Fire Extinguisher (first chemical)	Alexander Laurent
27. Safety Pin	Walter Hunt
28. Parachute	Leonardo DaVinci (designed) Louis Lenorand (made)
29. A gun called a revolver	Samuel Colt
30. Dynamite	Alfred Nobel
31. Machine gun	Richard Gatling
32. Geiger Counter	Hans Geiger
33. Airplane	Orville and Wilbur Wright

34. Air Conditioner	Willis H. Carrier
35. Optical Fibers	Peter C. Schultz
36. Cotton Gin	Eli Whitney
37. Steel Plow	John Deere
38. Barbed Wire	Joseph Glidden
39. First Grain Reaper	Cyrus McCormick
40. Electric Street Car	Thomas Edison
41. Microphone	Thomas Edison
42. Motion Pictures	Thomas Edison
43. Bifocal Lenses	Benjamin Franklin
44. Steamboat	Robert Fulton
45. Steam Locomotive	George Stephenson
46. Bicycle	James Staarley
47. Motorcycle	Gottlieb Daimler
48. Gasoline Automobiles	Charles and Frank Duryea
49. Escalator	Jesse W. Reno
50. Piano	Bartholomeo Cristofori
51. Vacuum Cleaner	J. Murray Spangler
52. Electric Battery	Count Allesandro Volta
53. Frozen Packaged Food	Clarence Birdseye
54. Teflon (for DuPont Corporation)	Roy J. Plunkett
55. Velcro	Georges de Mestral
56. Zipper	Whitcomb L. Judson
57. Dishwasher	Josephine Cochran

58. Matches	John Walker
59. Mercury Thermometer	Gabriel D. Fahrenheit
60. Mercury Barometer	Evangelista Torricelli
61. Pendulum Clock	Christian Huygens
62. Aqua Lung	Jacques Cousteau
63. Seed Drill	Jethro Tull
64. Spinning Jenny	James Hargreaves
65. Steam Engine	James Watt
66. Vulcanization (method of Making rubber resistant to heat and Cold)	Charles Goodyear
67. Drilled First Oil Well	Edwin Drake
68. Refrigerator	Karl von Linde
69. Railroad Car Air Brakes	George Westinghouse
70. Liquid Fuel Rocket	Robert Goddard
71. Nylon	Wallace Carothers
72. Xerox Copier	Chester Carlson
73. Television	Philo Taylor Farnsworth
74. Disposable Safety Razor	King Camp Gillette
75. Electric Iron	Henry Seely
76. Washing Machine	Alva Fisher

MEDICAL INVENTIONS AND DISCOVERIES

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|---|-----------------------|
| 1. X-Ray | William Roentgen |
| 2. Stethoscope | Rene Laennec |
| 3. Penicillin | Sir Alexander Fleming |
| 4. Polio Vaccine | Jonas Salk |
| 5. Insulin | Sir Frederick Banting |
| 6. Ether | Crawford Long |
| 7. Cardiac Pacemaker | Wilson Greatbatch |
| 8. Artificial Heart | Dr. Robert K. Jarvik |
| 9. Ambulance | Dominique Larrey |
| 10. Discovered the bacteria that
Causes tuberculosis and cholera | Robert Koch |
| 11. Antiseptic Surgery | Joseph Lister |
| 12. Anti-rabies Treatment | Louis Pasteur |
| 12. First Human Liver Transplant
(1963) | Dr. Thomas Starzl |
| 13. First Human Lung Transplant
(1964) | Dr. James Hary |
| 14. First Human Heart Transplant
(1967) | Dr. Christian Barnard |

COMPANY AND GROUP INVENTIONS

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| 1. Electric Toaster | General Electric Company (actually designed by Charles Strite for the company) |
| 2. Word Processor | IBM |
| 3. First Laser Printer | IBM |

SCIENTIFIC DISCOVERIES AND CONTRIBUTIONS

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|-------------------------------|-------------------|
| 1. Discovered Radioactivity | Antoine Becquerel |
| 2. Theory of Relativity | Albert Einstein |
| 3. Theory of Atomic Structure | Niehls Bohr |
| 4. First Electron Microscope | Ernst Ruska |
| 5. Discovered Radium | Marie Curie |
| 6. Pasteurization of Milk | Louis Pasteur |
| 7. Discovered Oxygen | Joseph Priestly |