Women who shaped STEM

26 scientists, mathematicians, doctors and engineers, in order of birth, from 1799 to 1940.

FAMOUS IN STEM

Each one has a chapter in the Famous in STEM books.
Free poster · famousinstem.com/printables/

1799
Mary Anning
1799–1847 · Biology
The girl who dug sea monsters out of a crumbling cliff
Vol. 5: Brilliant Biologists

1815
Ada Lovelace
1815–1852 · Mathematics
The poet's daughter who saw what a computer could become
Vol. 2: Mathematical Masterminds

1820
Florence Nightingale
1820–1910 · Medicine
The nurse who beat the army with a diagram
Vol. 6: Medical Pioneers

1821
Elizabeth Blackwell
1821–1910 · Medicine
Admitted to medical school as a joke
Vol. 6: Medical Pioneers

1831
Rebecca Lee Crumpler
1831–1895 · Medicine
The doctor whose face nobody remembers
Vol. 6: Medical Pioneers

1842
Ellen Swallow Richards
1842–1911 · Engineering
The chemist who mapped a whole state's dirty water
Vol. 7: Extraordinary Engineers

1843
Emily Warren Roebling
1843–1903 · Engineering
The woman who carried the Brooklyn Bridge in her head
Vol. 7: Extraordinary Engineers

1854
Hertha Ayrton
1854–1923 · Engineering
The woman who found out why the lights hissed
Vol. 7: Extraordinary Engineers

1867
Marie Curie
1867–1934 · Physics
She boiled down tons of rock to find a glow
Vol. 1: The Greatest Physicists

1878
Lillian Gilbreth
1878–1972 · Engineering
The mother of twelve who counted every step
Vol. 7: Extraordinary Engineers

1892
Alice Ball
1892–1916 · Chemistry
The chemist who turned a useless oil into a cure
Vol. 4: Explosive Chemists

1898
Helen Taussig
1898–1986 · Medicine
The deaf doctor who listened to hearts with her fingers
Vol. 6: Medical Pioneers

1902
Barbara McClintock
1902–1992 · Biology
The woman who watched genes jump in a cornfield
Vol. 5: Brilliant Biologists

1906
Grace Hopper
1906–1992 · Computing
The admiral who taught computers English
Vol. 3: Tech Titans of Silicon Valley

1907
Rachel Carson
1907–1964 · Biology
The writer who heard the birds go quiet
Vol. 5: Brilliant Biologists

1909
Virginia Apgar
1909–1974 · Medicine
Five checks, ten points, one minute
Vol. 6: Medical Pioneers

1910
Dorothy Hodgkin
1910–1994 · Chemistry
The Oxford housewife who saw the shape of penicillin
Vol. 4: Explosive Chemists

1918
Gertrude Elion
1918–1999 · Chemistry
The drug designer who built counterfeit keys
Vol. 4: Explosive Chemists

1918
Katherine Johnson
1918–2020 · Mathematics
The astronaut would not fly until she had checked the numbers
Vol. 2: Mathematical Masterminds

1920
Rosalind Franklin
1920–1958 · Chemistry
The photograph that showed the shape of life
Vol. 4: Explosive Chemists

1923
Stephanie Kwolek
1923–2014 · Chemistry
The chemist who would not pour the cloudy liquid away
Vol. 4: Explosive Chemists

1930
Tu Youyou
born 1930 · Chemistry
The pharmacist who read a 1,600-year-old prescription correctly
Vol. 4: Explosive Chemists

1932
Dian Fossey
1932–1985 · Biology
The woman who lived alone in the mountain forest
Vol. 5: Brilliant Biologists

1934
Jane Goodall
1934–2025 · Biology
The secretary who went to live with chimpanzees
Vol. 5: Brilliant Biologists

1938
Lynn Margulis
1938–2011 · Biology
The biologist who found bacteria living inside you
Vol. 5: Brilliant Biologists

1940
Wangari Maathai
1940–2011 · Biology
The woman whose movement planted tens of millions of trees
Vol. 5: Brilliant Biologists

Read their stories

Every name on this poster is a short, true chapter: the moment that changed everything, and the idea in plain words.

famousinstem.com