

CHEMISTRY ADVENT 2018

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1800

1802

1804

1806

1808



JOHN DALTON
+ 1766-1844



JANE MARCET
+ 1769-1858



HUMPHRY DAVY
+ 1778-1829



Stated all matter is made of atoms and all atoms of an element are identical



Created a system of atomic masses



Proposed a set of element symbols



Identified that, in a mixture of gases, total pressure equals the sum of the partial pressures of individual gases



Published *Conversations on Chemistry*, based on Humphry Davy's lectures, in 1805. It became the most popular chemistry text of the 19th century



Michael Faraday claimed his career as a chemist was partly inspired by reading Marcet's book



Marcet's book also promoted women's interest in chemistry. It became a standard text in U.S. girls' schools.



Pioneer in electrochemistry



Isolated and discovered elements including potassium, sodium, calcium, magnesium, strontium, barium, boron, chlorine and iodine.



Overtaken Lavoisier's definition of acids being compounds that contain oxygen.

