Further Reading: Michael Faraday

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Michael Faraday: Further reading. Biographies, books and papers about Michael Faraday. Credit: Anna Gordon. Papers. A large proportion of Faraday's personal and experimental papers are held at the Royal Institution of Great Britain. Find out how to view the material. A Faraday published only one book, Chemical Manipulation, Being Instructions to Students in Chemistry (1827). His other publications are collections of papers or lecture notes; his famous Chemical History of a Candle (1861) was edited and published by his friend William Crookes. Michael Faraday's books and manuscripts published after his death - Download the list. Downloads. Faraday reading list. Faraday publications list. Related links. Michael Faraday: A Very Short Introduction. Share this. Michael Faraday, English physicist and chemist whose many experiments contributed greatly to the understanding of electromagnetism. Among his achievements, he was the first to produce an electric current from a magnetic field and invented the first electric motor and dynamo. Learn about his life and career. A John Stambaugh Professor of the History of Science; Director, Program in the History and Philosophy of Science and Technology, Cornell University, Ithaca, New York. Author of Michael Faraday. Last Updated: Jan 22, 2021 See Article History, Michael Faraday, (born September 22, 1791, Newington, Surrey, Englandâ€"died August 25, 1867, Hampton Court, Surrey), English physicist and chemist whose many experiments contributed greatly to the understanding of electromagnetism. Michael Faraday achieved his early renown as a chemist. He made many important contributions to chemistry. In 1820, Faraday produced the first known compounds made from carbon and chlorine, hexachloroethane (C2Cl6) and tetrachloroethene (C2Cl4). Michael Faraday provided evidence for this fact by applying pressure to liquefy chlorine gas and ammonia gas for the first time. These were till then believed to be "permanent gasesâ€, or gases incapable of liquefaction. During ammonia liquefaction, Faraday also noted that when he allowed the ammonia to evaporate again, it caused cooling. Michael Faraday FRS (/Ë^fÃļrÉ™deɪ, -di/; 22 September 1791 – 25 August 1867) was an English scientist who contributed to the study of electromagnetism and electrochemistry. His main discoveries include the principles underlying electromagnetic induction, diamagnetism and electrolysis. Although Faraday received little formal education, he was one of the most influential scientists in history. It was by his research on the magnetic field around a conductor carrying a direct current that Faraday established Michael Faraday was the most celebrated British scientist of the 19th century. Know more about his childhood and life with this biography. A Since the early days, the concept of energy, specifically force, interested Faraday the most. It was due to this early reading and experiments with the idea of force that he was able to make important discoveries in electricity later in life. To know more about this British chemist and physicist, read through the following lines. Recommended Lists: Recommended Lists