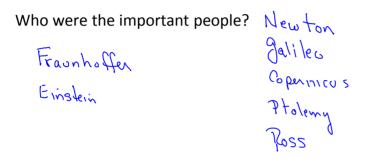
Day 3 Thursday, September 04, 2008 2:09 PM

What did you learn from the videos? Universal gravitation New ton Light Spectrum - Chemical Composition of Stars Doppler shift String Theory?



From http://www-groups.dcs.st-and.ac.uk/~history/BiogIndex.html



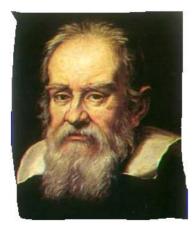
Ptolemy



Copernici s



Brahe



galileo



Kepler

acceleration veloci, ty Gree fall



Principia 3 Laws of Motion Net forces & motion Law of gravity 1 2 ☞→ ←Ø Action at a distance.

THE UNITED STATES OF AMERICA

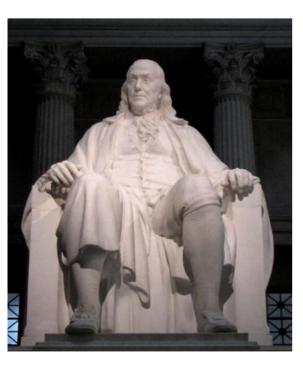
Sir Isaac Newton

## Electricity and Magnetism

Benjamin Franklin

B 33414948E

Ohm



Am pere

Cersted

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Orsted demonstrates electromagnetism: current flowing in the wire creates a magnetic field which deflects the compass needle



History Page 2

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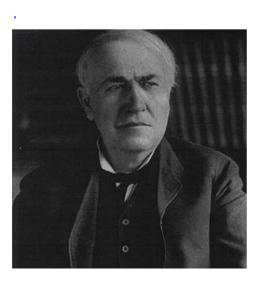


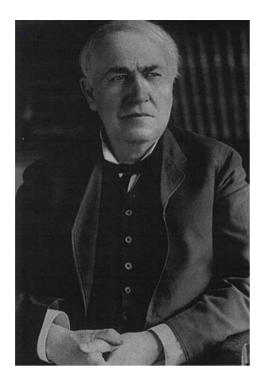




Let there be light! 1860 James Clerk Maxwell Electricity & Magnetian => electro magnetic waves wave speed = 3×10 m/S = 300 million m/s Same as speed of light 1887 - Hertz Marconi radio waves

Edison





Classical Physics