

Physics (about 10 goal boxes)

1. Lab Work – Seminar

2. Principles of Physics - *Work in detail on all topics*

- a. *The Properties of Matter*
- b. *The Relationships Between Motion and Force*
- c. *The Nature of Energy*
- d. *Momentum and Energy*
- e. *The Nature of Electricity and Magnetism*
- f. *The Behavior of Waves*
- g. *The Laws of Thermodynamics*
- h. *The Nature of Atomic and Subatomic Physics*

3. Historical Perspectives of Physics

Include information on all of these scientists and/or work towards physics

Isaac Newton

Albert Einstein's

Ernest Rutherford

Johannes Kepler

Marie and Pierre Curie

Lise Meitner

Ampere's law and Faraday's
law

Hans Geiger

Enrico Fermi

Ernest Marsden