Electricity:

Waves:

=

Photons and Energy Levels

Mechanics and materials:

Circular Motion

Gravitational Fields

SHM:

*a = -ω2A cos(ωt)*

*= ω2A*

Electric Fields and capacitors

Magnetic Fields:

Gases

Thermal Physics:

EM Induction and alternating currents

*V = V0 sin(ωt)*

*I = I0 sin(ωt)*

=

Nuclear Physics

Astrophysics