



BOHUNT
FARNBOROUGH

Physics Learning Journey

Paper 1:

- Energy
- Electricity
- Particle model of matter
- Atomic structure

Paper 2:

- Forces
- Waves
- Magnetism & Electromagnetism
- Space Physics



Red shift

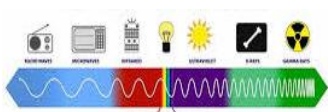
Exam Preparation & Revision



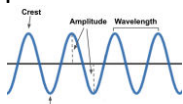
Solar system



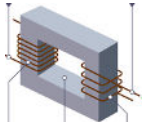
Electromagnetic spectrum



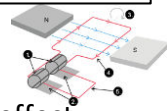
Properties of waves



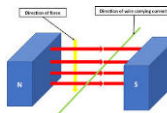
Transformers



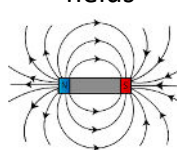
Generator effect



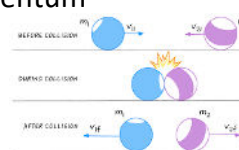
Motor effect



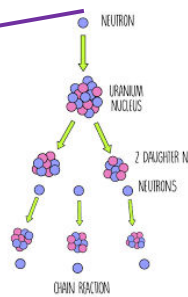
Magnetic fields



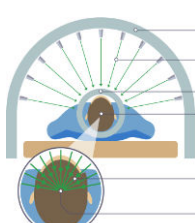
Momentum



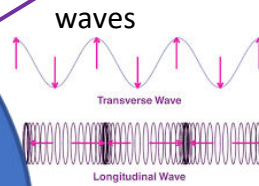
Fission & Fusion



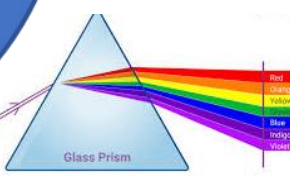
Uses of radiation



Observed waves



Light waves



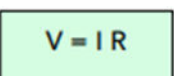
Static electricity



Energy stores & transfers



Current, potential difference & resistance



Balanced forces



Energy

Thermal energy



Energy resources



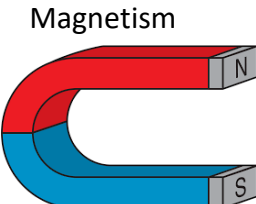
Forces & Space



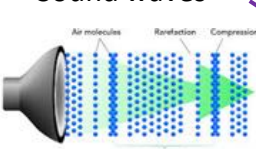
Describing motion



Electricity & Magnetism



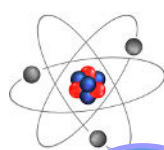
Sound waves



Types of forces

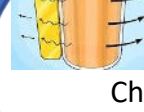


Atomic structure



Forces I

Thermal energy



Changes of State

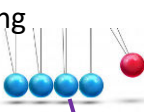


States of Matter

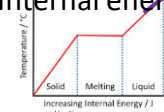
Scalars & Vectors



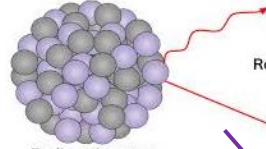
Describing motion



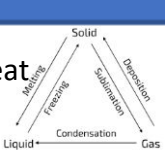
Internal energy



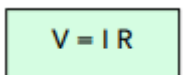
Radioactive decay



Specific latent heat



Current, potential difference & resistance

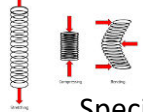


Static electricity

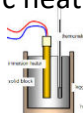


Forces 2

Force & elasticity



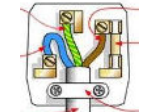
Specific heat capacity



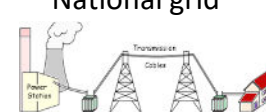
Stopping distances



Electricity in the home



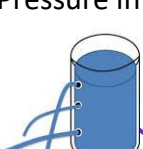
National grid



Resultant forces



Pressure in fluids

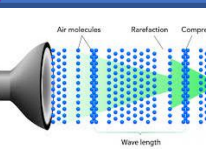


Reflection & refraction

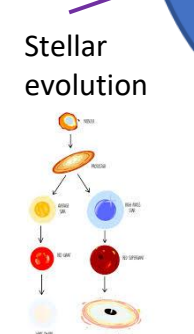


Waves

Sound waves

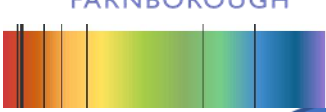


Stellar evolution



Space Physics

Red shift





Biology Learning Journey

- Paper 1
- Cells
 - Organisation
 - Bioenergetics
 - Infection

- Paper 2
- Inheritance
 - Ecology
 - Homeostasis



Chemistry Learning Journey

- Paper 1:

 - Atomic structure and Periodic Table
 - Bonding, structure and properties of matter
 - Quantitative chemistry
 - Chemical Changes
 - Energy Changes
- Paper 2:

 - Rate and extent of chemical change
 - Organic chemistry
 - Chemical analysis
 - Chemistry of the atmosphere, Using resources

