

Physics Topic List – Triple

Foundation

| Topic | Content to revise |
|-------------------------|---|
| Electricity | Circuit diagrams, Mains plug – wire and function, electric charge, static electricity, resistance, DC vs AC |
| Forces and their effect | Rotational forces – Moments, Gears, specific heat capacity |
| Particle Model | Gas pressure and volume, particles and density |
| Magnetism | Electromagnetism, Magnetic fields |
| Energy | Energy efficiency, Sankey diagrams |
| Forces and matter | Heat capacity of water, pressure, pressure in fluids |

Higher

| Topic | Content to revise |
|-----------------------------------|---|
| Electricity | Electric charge, Circuit diagrams, resistance, power. |
| Particle model | Particles and density, sublimation , gas pressure |
| Forces and matter | Pressure, pressure in fluids |
| Magnetism | Magnetic fields, magnets, |
| Electromagnetic induction | Transformers and energy, the national grid |
| Energy – Forces and their effects | Vectors, Rotational forces, Gears, Gravitational potential energy, kinetic energy |
| Forces and matter | Heat capacity of water |