

KS4 – Year 10 – Physics GCSE

Term	Topic Titles	Brief Overview
1	P1 - Energy	Students learn about energy changes in systems and how to calculate energy in stores and during transfers.
	P2 - Electricity	Students learn about direct current circuits, mains electricity, and its dangers and uses.
2	P3 - Particle model of matter	Students learn how we use the particle model of matter to explain properties of solids, liquids, and gases, and the phenomenon of pressure.
	P4 - Atomic structure	Students learn about the structure of the atom and how unstable nuclei can release radiation in harmful and useful ways.
3	P5 - Forces	Students learn about how resultant forces cause accelerations, and how motion can be recorded and analysed.