Year 10 & 11

Science Curriculum (Physics)

Forces in Action

How does force affect extension? How have cars become safer? Why do we have drink drive limits?

Static and Charge

What is static electricity? What are the uses and dangers of static electricity? How is static charge related to electrical current and Voltage?

Circuits and Electrical Power

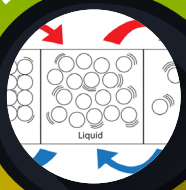
How can electrical energy be generated? How can it be transferred? How can it be used?

Magnetism

What is magnetism? How is it caused? What is the link between magnetism and electricity? How are magnets useful?

Thermo-dynamics

What is heat energy? How can it be transferred? How can it be measured? How is it related to temperature?



Nuclear Physics

What are nuclear radiations? How can they be dangerous to us? How can we stay safe from them? How can they be useful?

Motion

How can we measure and describe motion? How do forces affect the motion of objects?

Paper 1 – Key Concepts

Can you recall key knowledge? Can you apply to unfamiliar situations? Can you evaluate scientific methods?

Paper 2 – Key concepts

Can you recall key knowledge? Can you apply to unfamiliar situations? Can you evaluate scientific methods?

Exams…

Destination: SUCCESS!

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