

Unit Overview – Electricity

Target grade for tests:

You will learn about:

- Voltage and resistance in electric circuits.
- Series and parallel circuits.
- Static charge.

You will learn how to:

- Construct explanations and communicate ideas



Key learning points		Key Words
Describe static charge		Conductor Insulator
Explain current and voltage in circuits.		Ammeter Ampere (A)
Explain resistance.		Voltage Volt (V) Voltmeter Potential difference
Compare series and parallel circuits.		Resistance Ohm (Ω)
Describe electrical safety and wiring in plugs		Series Parallel
Skill: construct explanations		Current Charge Static electricity Field Attract Repel Electron
Skill: communicate ideas		

Links to other subjects:

SMSC

- Suggesting ways of safety management based on information about the electricity being used.

Numeracy

- Using symbols to represent physical objects.
- Identifying trend and patterns.
- Use formulae to perform calculations.
- Using positive and negative values.

Literacy

- Construct descriptions and explanations.
- Identify advantages and disadvantages of two different solutions.
- Identify and describe evidence.