



SP11 Static electricity

Personal learning checklist | 1 of 1

GCSE Edexcel Separate Sciences | Physics Paper 2

Name _____ Class _____ Date _____

Tick one box for each statement. Red: need help. Amber: partly confident.
Green: can do independently.

I can	Red	Amber	Green
Charging			
Explain electron transfer, charge conservation and differences between conductors and insulators.	☐	☐	☐
Predict attraction and repulsion and explain neutral-object induction.	☐	☐	☐
Discharge and applications			
Explain sparks, static shocks and lightning as electrical discharges.	☐	☐	☐
Explain earthing through electron movement for positive and negative objects.	☐	☐	☐
Explain electrostatic spraying and evaluate coverage, waste and risks.	☐	☐	☐
Explain fuel-transfer spark hazards and how bonding and earthing reduce them.	☐	☐	☐
Electric fields			
Define electric fields and predict forces on positive and negative charges.	☐	☐	☐
Draw point-charge and parallel-plate fields with direction and relative strength.	☐	☐	☐

My next revision priority _____