

## Physics GCSE Self-Assessment of knowledge

Assess your knowledge of each of the topics in the table below.

**Red:** Have little/no knowledge of topic

**Amber:** Can recall some basics but not in detail

**Green:** Able to fully recall topic and can describe in detail

	Topic	Red	Amber	Green	Do I need to work on this? Y / N	Completed
Energy	Energy stores and transfers					
	Energy transfers					
	Calculating energy changes					
	Specific heat capacity SHC <b><u>PRAC</u></b>					
	Internal energy					
	Energy resources					
Electricity	Circuit symbols					
	Charge and current					
	Resistance and PD					
	Resistors					
	Resistance <b><u>PRAC</u></b>					
	Series and parallel circuits					
	Power					

	AC and DC					
	Mains electricity					
	Power and efficiency					
	National grid					
Particle model of matter	States of matter					
	Density					
	Density <b>PRAC</b>					
	Specific latent heat					
	Particle motion and pressure					
Atomic structure	Structure of the atom					
	Isotopes					
	Plum pudding model					
	Nuclear decay					
	Alpha, Beta and gamma					
	Half life					
	Nuclear equations					