



Information for Students, Parents/Carers at Bexleyheath Academy

Year 09 Physics | Term 3 Homework Overview

How do electrical circuits work?

Week	Exploration Question(s)	Activities
1	How much energy is required to make a substance change state?	1.1.3 Calculating Changes in Energy (Preview) 3.2.3 Latent Heat (Preview) 3.2.4 Latent Heat Experiments (Preview) 3.2.2 Heat Capacities (Preview)
2	Can we make a can collapse just using air pressure?	3.3.1 Particle Motion in Gases (Preview) 3.3.2 End of Topic Test - Particle Model of Matter (Preview) 3.3.3 Grade 9 - Particle Model of Matter (Preview) 3.3.4 Exam-Style Questions - Latent Heat Capacity (Preview)
3	What's the difference between current and charge?	2.1.1 Current (Preview) 2.1.2 Conductors (Preview) 2.1.1 Electric Charge HyperLearning (Preview) 3.2.2 Particle Motion in Gases HyperLearning (Preview)
4	How does potential difference and resistance affect a circuit?	2.1.3 Potential Difference (Preview) 2.2.1 Resistance (Preview) 2.2.2 Ohm's Law (Preview) 1.3.3 Nuclear & Solar Energy 1.3.6 End of Topic Test - Energy
5	Week 5 Assessment	3.1.5 Exam-Style Questions - Changes of State (Preview) 3.1.3 Density (Preview) 3.1.4 Change of State (Preview) 3.2.3 Latent Heat (Preview) 1.3.7 Exam-Style Questions - Energy
6	Try Now	3.1.1 Changing State & Density Premium Knowledge (Preview) 3.1.2 Particle Motion Premium Knowledge (Preview)

	2.1.1 Current Premium Knowledge (Preview) 3.2.1 Latent Heat Hardest Questions (Preview) 3.1.5 Exam-Style Questions - Changes of State
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