

End of Year Assessment for Year 10

Subject: Physics (Science)

Contact: Mr Smiter, Head of Physics

Assessment will take place on the week commencing: 5th June 2017

Revision topics:

- Atomic Structure and Radioactivity
 - Plum Pudding Model and History of Atom
 - Types of Radiation
 - Half-Life
 - Nuclear Fission and Fusion
- Current Electricity
 - Circuit Diagrams
 - Ohm's Law
 - Series and Parallel Circuits
 - Resistance
 - Static Electricity
- Domestic Electricity
 - Plugs and Fuses
 - AC/DC
 - National Grid
 - Earthing
 - Renewable and Non-Renewable Fuels
- Energy Transfers
 - Kinetic and Gravitational Energy
 - Energy Stores
 - Conservation of Energy
 - Efficiency and Power
- Particle Model of Matter
 - Kinetic Theory
 - Types of Heat Transfer
 - Specific Heat Capacity
 - Specific Latent Heat
 - Density

Useful revision strategies

Produce flashcards and test yourself and your friends.

Download the CGP app for Physics and use the test questions

Go to the AQA GCSE Science website and attempt the past papers

Use BBC Bitesize to test yourself and help produce revision materials

Speak to your teacher about any gaps in your knowledge

Websites and resources to support revision

BBC bitesize

Educake.org.uk

Username and Password given to you in lesson, ask your teacher if you have forgotten

Revision guides (available to buy from the classroom teacher for £3)

CGP App available on Apple Store and Google Play Store