

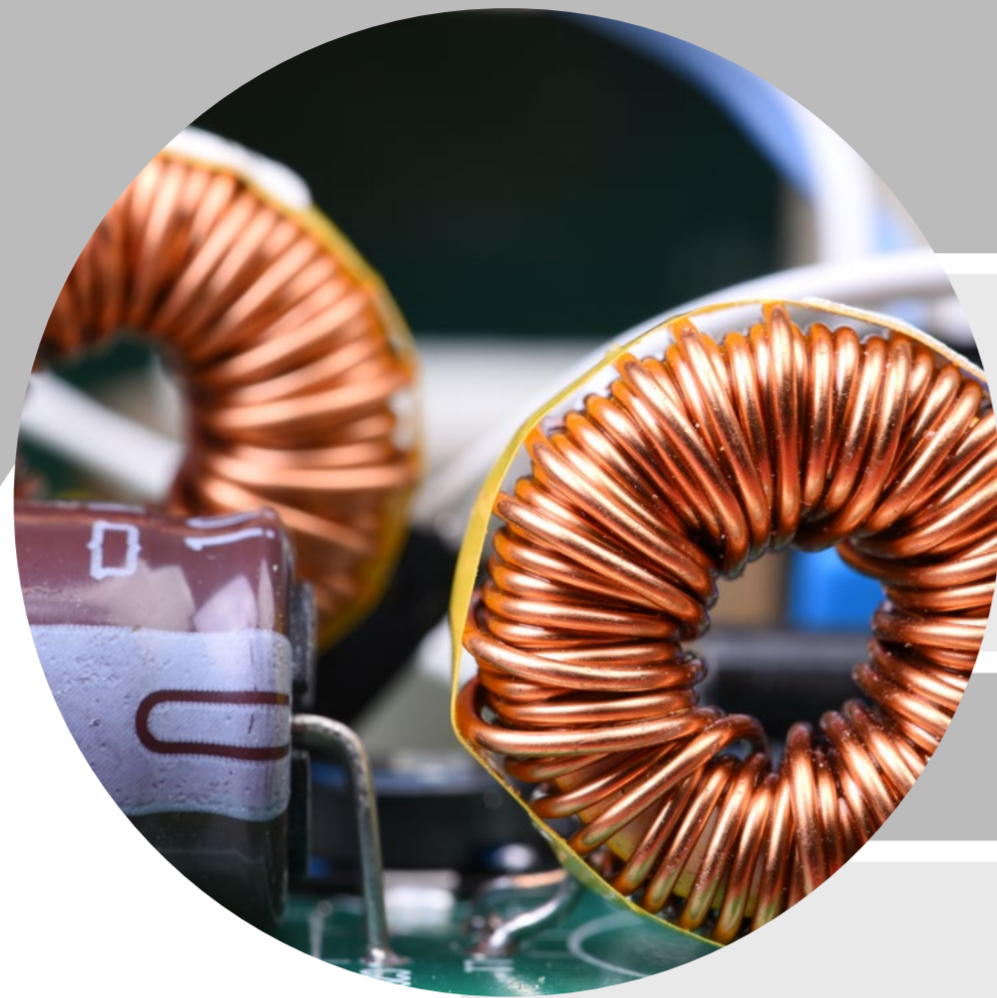
Physics KS4

Mastery in Year 11

- Demonstrate comprehensive knowledge and understanding and apply these using accurate scientific terminology.
- Develop accurate, logical and detailed descriptions, explanations and arguments.
- Use a range of mathematical skills to perform complex, multi-step scientific calculations.
- Critically analyse qualitative and quantitative data and draw logical, well-evidenced conclusions.
- Critically evaluate and refine methodologies, and judge the validity of scientific conclusions.

Mastery in Year 10

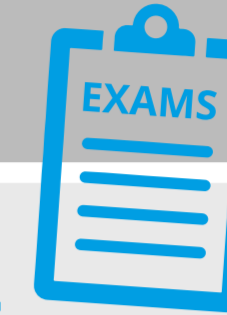
- Demonstrate accurate and relevant knowledge and understanding and apply these to both familiar and unfamiliar contexts using accurate scientific terminology.
- Develop accurate, logical and detailed descriptions and straightforward explanations.
- Use a range of mathematical skills to perform multi-step scientific calculations.
- Analyse qualitative and quantitative data and draw logical conclusions, supported by evidence.



REVISION FOR GCSE EXAMS

How can I apply my knowledge and make links between key ideas?

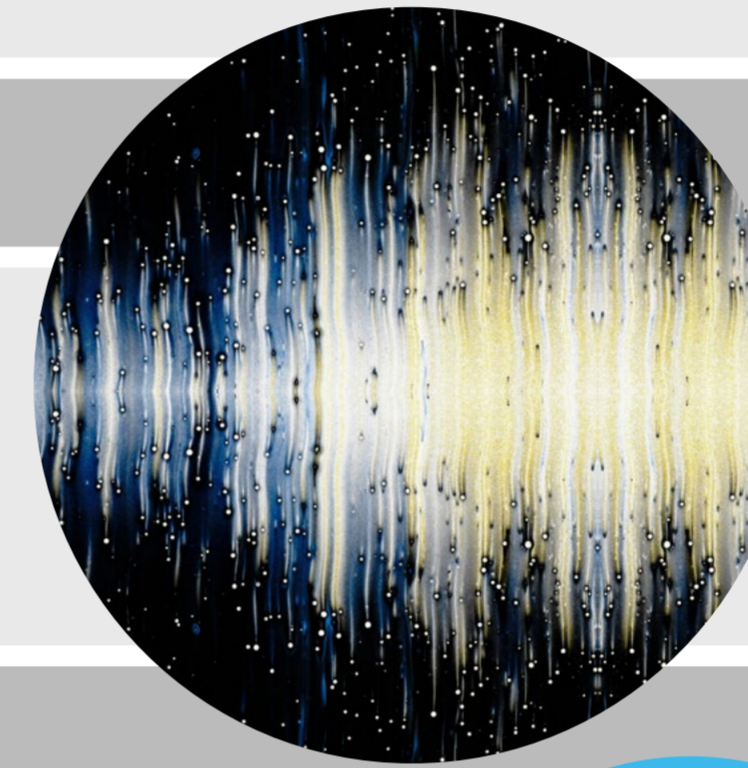
REVISION AND COMMENCEMENT OF EXTERNAL EXAMS



TRANSITION

SPACE & MAGNETISM

How did the world come to look like it does today?



WAVES

How are waves applied to a variety of scenarios to enable us to carry out everyday tasks?



FORCES & MOTION

How are forces applied in everyday life and how do we investigate the relationship between forces using mathematical concepts?

YEAR 11

FORCES

How do we investigate the relationship between forces, using mathematical concepts?

ATOMIC STRUCTURE

How has the model of the atom structure evolved over time to provide



ENERGY & PARTICLE MODEL OF MATTER

How does energy and the particle model of matter relate?



YEAR 10