

| | Term 1 | Term 2 | Term 3 |
|--|---|--|--------------------------------------|
| Unit Title | Y13 Physics | Y13 Physics | Y13 Physics |
| Approximate Number of Lessons | 28 | 24 | 10 |
| Curriculum Content | 3.6.2 Thermal physics and Gas Laws 3.7 Fields and their consequences 3.7.1 Fields 3.7.2 Gravitational fields 3.7.3 Electric fields 3.7.4 Capacitance 3.7.5 Magnetic fields 3.9 Astrophysics 3.9.1 Telescopes | 3.8 Nuclear physics 3.8.1 Radioactivity 3.9 Astrophysics 3.9.2 Classification of Stars 3.9.3 Cosmology | Revision and Exam Preparation |
| Links to prior learning | GCSE Units: P7 Magnetism and Electromagnetism, P8 Space A-level Electricity Mechanics | GCSE Units: P8 Space, P4 Atomic Structure | |
| Cultural Capital Opportunities | <ul style="list-style-type: none"> Suggested activities - Visit Science Museum, Attend Cambridge free astronomy sessions, Space Centre visit, Cern Reading suggestions- Advanced Physics for You, Deep Down Things, 30 Years That Shocked physics, Fundamental, Mad about Physics Online resources- Fermi-lab Channel, Veritasium Channel, Smarter Every day Channel, Physics Girl Channel, Physics Online Channel (revision site) School Physics Classroom site, PBS Spacetime Channel. | | |
| Assessment Focus | End of Unit Assessments on units: 3.6.2 and 3.7 | End of Unit Assessments on units: 3.8 and 3.9 | A-level Exams |
| Name of Knowledge Organiser/Link to Organiser | Physics KO – Physics Teams | | |