

Year 13

Turning Points - This option topic develops on the core concepts covered earlier in the course. This includes the theory of special relativity, wave-particle duality and the discovery of the electron.

Nuclear Physics - Students will delve deeper into radioactivity, learning about exponential decay, Einstein's equation, as well as getting hands on experience with a radiation source.

Fields - Fields are one of the great underlying ideas in physics. This topic looks at gravitational, electric and magnetic field and builds on previous topics.

Thermal Physics - In thermal physics students learn about the ideal gas laws, kinetic theory equation and brownian motion (even in stationary objects).

