Key Stage 4 (10)	
Course title: Combined Science: Trilogy or Separate Science: Physics	
Exam board: AQA	
Specification code: 8464 or 8463	
Autumn 1 (September – October) to Autumn 2 (October – December)	**Energy** Builds on key stage 3 knowledge and is the fundamental knowledge for GCSE physics as contains energy transfers that link into future topics. **Particle model** Concrete topic so suitable early in key stage 4 (year 10). Complements timing of atomic structure in chemistry.
Spring 1 (January – February) to Spring 2 (February – March)	**Electricity** Lots of maths within this topic and abstract ideas so placed later in year 10 to allow for this level of challenge. Content on resistance relies on understanding of particle model.
Summer 1 (April – June) to Summer 2 (June – July)	**Atomic structure (radioactivity)** Abstract topic and more complex maths so placed later in year. Radiation equations require solid understanding of atomic structure. Last topic of paper 1.