



Triple Physics: Year 10

Scheme of Learning	Assessments
<p>AO1: Demonstrate knowledge and understanding of: scientific ideas; scientific techniques and procedures.</p> <ul style="list-style-type: none">• AO2: Apply knowledge and understanding of: scientific ideas; scientific enquiry, techniques and procedures.• AO3: Analyse information and ideas to: interpret and evaluate; make judgments and draw conclusions; develop and improve experimental procedures.	<p>All Tests and Required Practicals cover all the assessment objectives.</p>
<p>Half Term One:</p> <p>The Overarching Inquiry: How is energy used and transferred?</p> <p>P4.1 Energy</p> <p>The Overarching Inquiry: How is electricity used in everyday life?</p> <p>P4.2 Electricity</p>	<p>Assessment 1 Required Practical P1- Investigation into specific heat capacity</p> <p>Assessment 2 Test P4.1 Energy</p> <p>Assessment 3 RP P3 Electrical Circuits</p>
<p>Half Term Two:</p> <p>The Overarching Inquiry: How is electricity used in everyday life?</p> <p>P4.2 Electricity</p>	<p>Assessment 4 RP P4 Investigating I-V</p> <p>Assessment 5 Test P4.2 Electricity</p>

<p>Half Term Three:</p> <p>The Overarching Inquiry: What is the particle model and how can it be used to predict the behaviour of solids/liquids and gases?</p> <p>P4.3 Particle model of matter</p> <p>The Overarching Inquiry: How can radioactive substances be harmful and useful?</p> <p>P4.4 Atomic Structure - Atoms and Nuclear Radiation</p>	<p>Assessment 6 RP P5 Investigating density</p> <p>Assessment 7 Test P4.3 Particle model of matter</p>
<p>Half Term Four:</p> <p>The Overarching Inquiry: How can radioactive substances be harmful and useful?</p> <p>P4.4 Atomic Structure- Atoms and Nuclear Radiation</p> <p>The Overarching Inquiry: How can the theory of forces be applied in everyday life?</p> <p>P4.5 Forces</p>	<p>Assessment 8 P4.4 Atomic Structure</p>
<p>Half Term Five:</p> <p>The Overarching Inquiry: How can the theory of forces be applied in everyday life?</p> <p>P4.5 Forces</p>	<p>Assessment 9 RP Investigating the relationship between force and extension</p>

Half Term Six:

The Overarching Inquiry:

How can the theory of forces be applied in everyday life?

P4.5 Forces

Assessment 11

Test P4.5 Forces