

Year 13 Applied Science SRS

Learning Programme 3

<p>The LORIC skill focus for his LP is: RESILIENCE</p> <p>Respect - treat others how you would wish to be treated yourself.</p> <p>Compassion - the quality of feeling pity and concern for the sufferings or misfortunes of others.</p> <p>Honesty - the quality of being truthful.</p> <p>What will I be learning about in this Learning Programme?</p> <p>Preparation for external assessments including electric circuits then reviewing coursework.</p> <p>Where have I seen this learning before?</p> <p>You covered circuits in GCSE Physics, you completed your coursework in year 12.</p> <p>What could I use it for?</p> <p>All these skills are needed when completing a Science or Health Care degree.</p>	<p>Literacy:</p> <ul style="list-style-type: none"> Capital letters must be used at the start of sentences and for the first letter of proper nouns Full stops must be used at the end of a sentence Question marks must be used at the end of a question Apostrophes should only be used for possession or omission Days of the week and months must be spelled correctly Key words must be spelled correctly
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In LP3.1, I will know:	06/01/25 - (WK 2)	Key Vocabulary	Homework
the different symbols for the components of an electric circuit; the component by looking at the resistance graph.		components	Exam practice on evaluations.

In LP3.2, I will know:	13/01/25 - (WK 1)	Key Vocabulary	Homework
how to calculate resistance in a series and parallel circuit; how to carry out a practical to explore resistance.		parallel	Exam practice on identifying errors.

In LP3.3, I will know:	20/01/25 - (WK 2)	Key Vocabulary	Homework
how to prepare for external assessment, how to complete external assessment.		assessment	Revision for external assessment.

In LP3.4, I will know:	27/01/25 - (WK 1)	Key Vocabulary	Homework
the different nervous systems and what they do; how impulses are transmitted across a synapse.		impulse	Complete unit 9 coursework.
Extended Task.			

In LP3.5, I will know:	03/02/25 - (WK 2)	Key Vocabulary	Homework
the different neurones involved in control; the different body systems that make up a multicellular animal.		neurones	Complete unit 9 coursework.

In LP3.6, I will know:	10/02/25 - (WK 1)	Key Vocabulary	Homework
how heart rate is controlled; how multiple sclerosis impacts body functions.		cardiac	Complete unit 9 coursework.

LP3 RLW, I will:	24/02/25 - (WK 2)		
review my learning, recalling and applying key knowledge, and focus on closing any gaps in my knowledge.			

In LP3.7, I will know:	03/03/25 - (WK 1)	Key Vocabulary	Homework
how Parkinson's disease impacts body functions; the treatments for these diseases.		neurological	Complete unit 9 coursework.
Extended Task.			

Resources to support learning:	https://isaacphysics.org/concepts/cc_cooling_curves Knowledge organiser, Synergy.		
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FFET Award Challenge for this Learning Programme:	LP3 Year 13 Science: Complete three independent learning tasks and evaluate how they have helped you.		
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