

Year 13 Applied Science SMR

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 specific heat capacity then reviewing coursework.</p> <p>Where have I seen this learning before?</p> <p>You covered specific heat capacity 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
how to evaluate practical's in exam conditions; the potential errors that may occur during a scientific investigation.		errors	Exam practice on evaluations.

In LP3.2, I will know:	13/01/25 - (WK 1)	Key Vocabulary	Homework
how to carry out an experiment to determine the specific heat capacity of a material; how to conclude on the specific heat capacity practical.		specific heat capacity	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
how to review assignment A write up and improve; how to act on improvement suggestions.		titration	Improve assignment A.
Extended Task.			

In LP3.5, I will know:	03/02/25 - (WK 2)	Key Vocabulary	Homework
how to review assignment B write up and improve; how to act on improvement suggestions.		cooling curve	Improve assignment B.

In LP3.6, I will know:	10/02/25 - (WK 1)	Key Vocabulary	Homework
how to review assignment C write up and improve; how to act on improvement suggestions.		chromatography	Improve assignment C.

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.			Improve assignment C.

In LP3.7, I will know:	03/03/25 - (WK 1)	Key Vocabulary	Homework
how to review assignment D write up and improve; how to act on improvement suggestions.		evaluation	Improve assignment D.
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:	independent learning tasks and evaluate how they have helped you.		
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