

Year 13 Applied Science SMR and SRS Learning Programme 4

<p>The LORIC skill focus for his LP is: INITIATIVE. The Moral Virtues focus for this LP are: INTEGRITY and GRATITUDE.</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
<p>Integrity - Having strong moral principles. Gratitude - Feeling and expressing thanks.</p>		
<p>What will I be learning about in this Learning Programme? About different regulatory systems in humans and how they interact and the issues that arise when these systems are not working properly.</p> <p>Where have I seen this learning before? You will have learnt about the respiratory and nervous system at KS3 and GCSE.</p> <p>What could I use it for? You will use the knowledge from this unit if you pursue a medical career in nursing or being a doctor.</p>		

In LP4.1, I will know:	10/03/25 - (WK 2)	Key Vocabulary	Homework
complete an assessment to review my learning so far; complete a review task to close gaps in my learning.		assessment	Work on unit 9 coursework.

In LP4.2, I will know:	17/03/25 - (WK 1)	Key Vocabulary	Homework
the structure and function of the nervous system in relation to the cardiovascular and respiratory system; how nerve impulses are initiated and controlled by the cardiovascular and respiratory systems.		cardiovascular	Work on unit 9 coursework.

In LP4.3, I will know:	24/03/25 - (WK 2)	Key Vocabulary	Homework
how to assess the role of the nervous system in coordinating the cardiovascular and respiratory systems; the homeostatic mechanisms involved in maintaining normal function.			Work on unit 9 coursework.
Extended Task.			

In LP4.4, I will know:	31/03/25 - (WK 1)	Key Vocabulary	Homework
the role of hormones in homeostatic mechanisms; the impact of homeostatic dysfunction on the human body.			Work on unit 9 coursework.

In LP4.5, I will know:	21/04/25 - (WK 2)	Key Vocabulary	Homework
the structure and function of the reproductive anatomy; the hormones involved in gamete production and conception.			Work on unit 9 coursework.

In LP4.6, I will know:	28/04/25 - (WK 1)	Key Vocabulary	Homework
the regulation of male and female reproductive systems; the mechanisms of reproductive health.			Work on unit 9 coursework.
Extended Task.			

In LP4.7, I will know:	05/05/25 - (WK 2)	Key Vocabulary	Homework
how conception may be prevented or promoted; how to review learning on this topic.			Work on unit 9 coursework.

Resources to support learning:
https://www.pearsonschoolsandfecolleges.co.uk/asset-library/pdf/Secondary/BTEC-Nationals/Applied-Science-2016/BTEC-National-in-Applied-Science-Unit-09-Sample-Redacted-web-ready.pdf Synergy, knowledge organiser.

FFET Award Challenge for this Learning Programme:
Carry out some extra research around the topic we are covering to extend your knowledge.

