The Ellesmere Port C of E College



Year 12 App	olied Science	SRS
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Learning Programme 5

PRT Task

PRT Task

			 Literacy: Capital letters must be used at the second s
he Moral Virtues focus for this LP are: COURAGE and HUN	AILITY.		of sentences and for the first letter of
ourage - Acting with bravery and overcoming fears.			proper nouns
Iumility - Having a modest view of oneself.			 Full stops must be used at the end
Vhat will I be learning about in this Learning Programme?			 sentence Question marks must be used at the
bout cells, their structure and function, now they make tissues an ssue.	s, their structure and function, how they make tissues and how these tissues perform their functions with specific focus on nervous and muscular		
ssue.			end of a questionApostrophes should only be used for
			possession or omission
Vhere have I seen this learning before?			 Days of the week and months must
ou have covered cells and tissues in KS3 science and in GCSE.			spelled correctly
			 Key words must be spelled correctl
Vhat could I use it for?			
ou will use this learning if you do a degree in medicine or any bio	logy based degree.		
1 LP5.1, I will know: all theory and how microscopy played a major role in developing	12/05/25 - (WK 1)	Key Vocabulary	Homework Exam questions on cell theory.
ow to calculate magnification in different scenarios and how to p			Exam questions on cen theory.
	repare a sample for magnification of stammig.	Magnification	
LP5.2, I will know:	19/05/25 - (WK 2)	Key Vocabulary	Homework
ne ultrastructure of eukaryotic and prokaryotic cells and how to c			Exam questions on specialised cells.
ifferent cells are specialised for their function and be able to deso	the these adaptations.	Ultrastructure	
		Ultrastructure	
P5 RLW, I will:	02/06/25 - (WK 1)		
eview my learning, recalling and applying key knowledge, and foc	us on closing any gans in my knowledge		
eview my rearming, recaming and apprying key knowledge, and foc	us on closing any gaps in my knowledge.		
1 LP5.3, I will know:	09/05/25 - (WK 2)	Key Vocabulary	Homework
ifferent tissues, their functions and how to identify them;			Exam questions on muscle contraction
liding filament theory to explain muscle contraction.			
		Myofibril	
xtended Task. h LP5.4, I will know:	16/06/25 - (WK 1)	Key Vocabulary	Homework
ow to complete an assessment in my learning so far;		key vocabulary	Homework
nprove my knowledge through a pupil response task.			
n I PE 5. Luvill know	23/06/25 - (N/K 2)	Koy Vocabulary	Homowork
h LP5.5, I will know:	23/06/25 - (WK 2)	Key Vocabulary	Homework Exam questions on neurones
ne structure of neurones and how resting potential is maintained		Key Vocabulary	Homework Exam questions on neurones.
		Key Vocabulary Neurones	
ne structure of neurones and how resting potential is maintained			
ne structure of neurones and how resting potential is maintained ow an action potential is propagated.	;	Neurones	Exam questions on neurones.
ne structure of neurones and how resting potential is maintained ow an action potential is propagated. n LP5.6, I will know:			Exam questions on neurones. Homework
ne structure of neurones and how resting potential is maintained ow an action potential is propagated. h LPS.6, I will know: ow myelination speeds up transmission of an impulse;	;	Neurones	Exam questions on neurones.
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