



Year 9 KS3 Science

Learning Programme 4

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The LORIC skill focus for his LP is: INITIATIVE.		Literacy:
The Moral Virtues focus for this LP are: INTEGRITY and GRATITUDE.		 Capital letters must be used at the start
Integrity - Having strong moral principles.		of sentences and for the first letter of
Gratitude - Feeling and expressing thanks.		proper nouns
		Full stops must be used at the end of a
What will I be learning about in this Learning Programme?		sentence
Different forces and how they can be linked together. The effects of different forces on everyday objects and life.		Question marks must be used at the
		end of a question
		Apostrophes should only be used for
L		possession or omission
Where have I seen this learning before?		Days of the week and months must be
Forces are measured in Newtons and can be both contact and non contact.		spelled correctly
		Key words must be spelled correctly
What could I use it for?		
GCSE science: forces and motion, how forces impact movement of objects and car safety features.		
In LP4.1, I will know: 04/03/24 - (WK 1)	Key Vocabulary	Homework
how to EXPLAIN which pairs of forces are acting on an object;		Learn spellings.
how to EXPLAIN how forces deform objects in a range of situations;		
how to investigate the relationship between a force and the extension of a spring using the equation F=ke.	Newtons	
In LP4.2, I will know: 11/03/24 - (WK 2)	Key Vocabulary	Homework
how to REVISE for summative assessment;		Learn definitions.
how to Complete summative assessment;		- Community
how to REVIEW summative assessment and complete PRT tasks.	Forces	
now to heview summauve assessment and complete FAT tasks.	Torces	
In LP4.3, I will know: 18/03/24 - (WK 1)		
	Key Vocabulary	Homework
how to investigate the relationship between a force and the extension of a spring;		Knowledge organiser flipper.
how to EXPLAIN the effect of drag forces and friction in terms of forces;		
how to APPLY the effects of forces at a distance to different fields.	Friction	
Extended Task.		
Exterior rush		
In LP4.4, I will know: 25/03/24 - (WK 2)	Key Vocabulary	Homework
	Key Vocabulary	Homework 10 core questions.
In LP4.4, I will know: 25/03/24 - (WK 2)	Key Vocabulary	
In LP4.4, I will know: 25/03/24 - (WK 2) how to calculate the weight of an object using w=mg;	Key Vocabulary Weight	
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