The Ellesmere Port C of E College

PRT Task



Year 12 Applied Science Teacher 2 Learning Programme 3

he LORIC skill focus for his LP is: RESILIENCE.		Literacy:
he Moral Virtues focus for this LP are: RESPECT and JUSTICE		 Capital letters must be used at the st of contoneos and for the first letter of
Respect - treat others now you would wish to be treated yourself.		of sentences and for the first letter of proper nouns
ustice - our College rules are fair and reasonable.		 Full stops must be used at the end o
/hat will I be learning about in this Learning Programme?		sentence
reparing a standard solution, how to carryout titration, how to record pH using various methods, how to carry out colorimetry to deter	mine concentration.	 Question marks must be used at the
		end of a question
		 Apostrophes should only be used for
there have I seen this learning hefere?		possession or omission
/here have I seen this learning before? eutralisation in GCSE Chemistry, light in GCSE Physics, both topics covered at KS3.		 Days of the week and months must shalled correctly.
eutransation in dese chemistry, light in dese mysics, both topics covered at KSS.		spelled correctlyKey words must be spelled correctly
		- Key words must be spened correctly
/hat could I use it for?		
year 13 Unit 3 which is externally examined, any Science degree or career will use titration and colorimetry.		
LP3.1, I will know: 08/01/24 - (WK 2) le introduction, equipment, method and safety for the cooling curve of paraffin wax;	Key Vocabulary	Homework Write up coursework on paraffin wax
bow to carry out the experiment to determine the melting point of paraffin wax.		white up coursework on paranin wax
w to carry out the experiment to determine the mething point of paramini wax.	paraffin wax	
1 LP3.2, I will know: 15/01/24 - (WK 1)	Key Vocabulary	Homework
ow to analyse and evaluate the paraffin wax investigation.		Write up coursework on paraffin wax
	analysis	
1 LP3.3, I will know: 22/01/24 - (WK 2)	Key Vocabulary	Homework
by to review my work on assignment C and act on suggested improvements to raise my grade.	Key vocabulary	Write up coursework on
		chromatography.
	review	
xtended Task.		
1 LP3.4, I will know: 29/01/24 - (WK 1)	Key Vocabulary	Homework
ne introduction, equipment, method and safety for the preparation of a primary standard solution;		Write up coursework on titration.
ow to make a primary standard solution of sodium carbonate and calibrate an electronic balance.		
	standard solution	
1 LP3.5, I will know: 05/02/24 - (WK 2)	Key Vocabulary	Homework
e introduction, equipment, method and safety for titration of a secondary standard solution using a primary standard solution;		Write up coursework on titration.
ow to use data obtained from titration to calculate concentration.		
ow to use data obtained from titration to calculate concentration.	secondary standard	
ow to use data obtained from titration to calculate concentration.	secondary standard	
1 LP3.6, I will know: 12/02/24 - (WK 1)	secondary standard	Homework
I LP3.6, I will know: 12/02/24 - (WK 1) hat the data and concentration showed us from this practical;		Homework Write up coursework on titration.
1 LP3.6, I will know: 12/02/24 - (WK 1)	Key Vocabulary	
I LP3.6, I will know: 12/02/24 - (WK 1) hat the data and concentration showed us from this practical;		
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I LP3.6, I will know: 12/02/24 - (WK 1) hat the data and concentration showed us from this practical; nprovements needed to make the investigation better.	Key Vocabulary concentration	
I LP3.6, I will know: 12/02/24 - (WK 1) hat the data and concentration showed us from this practical; nprovements needed to make the investigation better. stended Task.	Key Vocabulary	Write up coursework on titration.
I LP3.6, I will know: 12/02/24 - (WK 1) hat the data and concentration showed us from this practical; nprovements needed to make the investigation better. ktended Task. I LP3.7, I will know: 26/02/24 - (WK 2)	Key Vocabulary concentration	Write up coursework on titration. Homework
I LP3.6, I will know: 12/02/24 - (WK 1) hat the data and concentration showed us from this practical; nprovements needed to make the investigation better. Kended Task. I LP3.7, I will know: 26/02/24 - (WK 2) the introduction, equipment, method and safety for titration of sodium hydroxide and hydrochloric acid;	Key Vocabulary concentration	Write up coursework on titration. Homework
I LP3.6, I will know: 12/02/24 - (WK 1) hat the data and concentration showed us from this practical; nprovements needed to make the investigation better. Kended Task. I LP3.7, I will know: 26/02/24 - (WK 2) the introduction, equipment, method and safety for titration of sodium hydroxide and hydrochloric acid;	Key Vocabulary concentration Key Vocabulary	Write up coursework on titration. Homework
I LP3.6, I will know: 12/02/24 - (WK 1) hat the data and concentration showed us from this practical; nprovements needed to make the investigation better. ktended Task. 12/02/24 - (WK 2) i LP3.7, I will know: 26/02/24 - (WK 2) ne introduction, equipment, method and safety for titration of sodium hydroxide and hydrochloric acid; ow to use data obtained from titration to calculate concentration.	Key Vocabulary concentration Key Vocabulary	Write up coursework on titration. Homework
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