



Literacy:

Capital letters must be used at the start

Year 13 Chemistry T1

Learning Programme 2 The LORIC skill focus for his LP is: ORGANISATION The Moral Virtues focus for this LP are: COMPASSION and HONESTY Compassion - the quality of feeling pity and concern for the sufferings or misfortunes of others. Honesty - the quality of being truthful.

The world writes focus for this Er are. Conversion and However an infortunes of others		of sentences and for the first letter of
Compassion - the quality of reeling bits and concern for the sufferings or misfortunes of others.		proper nouns
nonesty - the quality of being truthing.		• Full stops must be used at the end of a
What will I be learning about in this Learning Programme?		sentence
substances. How to test and identify different organic functional groups. How to plan an organic multistep organic synthesis route. How to interpret NMR spectra		 Question marks must be used at the
		end of a question
		 Apostrophes should only be used for
Where have I seen this learning before?		possession or omission
Yr12 organic synthesis, you have used the quick fit apparatus to synthesise an organic liquid.		Days of the week and months must be
		spelled correctly
		• Key words must be spened correctly
What could I use it for?		
Degree level study in analytical chemistry. Careers in analytical chemistry		
In 103.4 Juvill Innova	<i>и</i> и г.	
In (r_2 , r_1 , r_1 , r_2 , r_1 , r_2	Key Vocabulary	Homework
now to describe the basicity of amines in terms of proton acceptance by the nitrogen ione pair and the reactions of amines with dilute		Amines practice questions
מכומג, פ.פ. חכו (מען), נס וסוחו אמונג, נוופ פרופרמי וסוחונומ וסר מוז ע-מוחוויס מכוע מא אכרו(ארב)כסטח.	Amines	
In LP2.2, I will know: 04/11/24 - (WK 1)	Key Vocabulary	Homework
how to identify chiral centres in a molecule of any organic compound; how to describe condensation polymerisation to form polyesters		Polymerisation practice questions
and polyamides.		
	Chirality	
LP2 RLW, I will: 11/11/24 - (WK 2)		
enview my beening receiving the been been been dedge and fears an electric any same in my been dedge		
review my rearning, recaining and apprying key knowledge, and rocus on closing any gaps in my knowledge.		
10/11/24 (14// 1)	Key Manakulawa	
In 122.5, I will know: by the second	Key vocabulary	Homework
now to describe the dse of C=C bond formation in synthesis to increase the length of a carbon chain, now to describe the reactions of airclass		organic synthesis practice questions
nunes.	Nitriles	
	Withes	
Extended Task.		
In LP2.4, I will know: 25/11/24 - (WK 2)	Key Vocabulary	Homework
how to describe organic preparation using Quick fit apparatus and distillation and heating under reflux; how to describe the purification		Organic synthesis practice questions
of an organic solid by filtration under reduced pressure, recrystallization, measurement of melting points.		
	Organic synthesis	
In LP2.5, I will know: 02/12/24 - (WK 1)	Key Vocabulary	Homework
how to describe multi-stage synthetic routes for preparing organic compounds; the test and positive result for various organic		Revision of synthesis routes
functional groups.	Cupthotic route	
	Synthetic route	
In LP2.6. I will know: 09/12/24 - (WK 2)	Key Vocabulary	Homework
how to interpret once way TLC and gas chromatograms: how to use a carbon-13 NMR to make predictions about possible structures for	ney vocabulary	Synthetic routes PPO
the molecule.		Synchede routes i r q
	Carbon NMR	
Extended Task.		
In LP2.7, I will know: 16/12/24 - (WK 1)	Key Vocabulary	Homework
how to use a high resolution proton NMR spectrum to make predictions about the different types of proton environment present, from		NMR practice questions
chemical shift values; predict a carbon-13 or proton NMR spectrum for a given molecule.		
	Proton NMR	
Resources to support learning:		
Textuook, syneigy, knowledge ofganiser, iviachani guy videos on toullube		
FFET Award Challenge for this Learning Programme:		
LP2 Year 13 Chemistry : Support with lower school STEM Club		