

## Year 11 Chemistry Learning Programme 4

The LORIC skill focus for this LP is: INITIATIVE.

The Moral Virtues focus for this LP are: INTEGRITY and GRATITUDE.

Integrity - Having strong moral principles. I will show integrity by taking responsibility for my actions.

Gratitude - Feeling and expressing thanks. I will show gratitude by saying please and thank you.

**What will I be learning about in this Learning Programme?**

Revision techniques and exam practice. Revising core knowledge.

**Where have I seen this learning before?**

Learning review weeks, mock exam preparation.

**What could I use it for?**

Further study in all qualifications using transferable techniques.

**Literacy Non-Negotiables:**

- 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
- Vocabulary to be taught using the Frayer model

In LP4.1, I will know:	09/03/26 - (WK 2)	Frayer Model Words	Homework
how to revise the effects of changing conditions on the rate of a reaction; how to revise the key methods for monitoring the rate of a reaction.		Rate of reaction	Revision PPQs on rates of reaction
In LP4.2, I will know:	16/03/26 - (WK 1)	Frayer Model Words	Homework
how to revise the conditions required for a reaction to reach dynamic equilibrium; how to revise what affects the position of equilibrium using Le Chatelier's principle.		Equilibrium	Revision PPQs on equilibrium
In LP4.3, I will know:	23/03/26 - (WK 2)	Frayer Model Words	Homework
how to revise the composition and fractional distillation of crude oil; how to revise the difference between alkanes and alkenes.		Hydrocarbon	Revision PPQs on crude oil and hydrocarbons
Extended Task.			
In LP4.4, I will know:	13/04/26 - (WK 1)	Frayer Model Words	Homework
how to revise the functional groups and uses of various homologous organic compounds; how to revise different methods of forming polymers.		Polymer	Revision PPQs on organic compounds and polymers
In LP4.5, I will know:	20/04/26 - (WK 2)	Frayer Model Words	Homework
how to revise formulations and chromatography; how to revise various techniques of analysing chemicals including gases tests and ion tests.		Formulation	Revision PPQs on Chromatography and chemical analysis
In LP4.6, I will know:	27/04/26 - (WK 1)	Frayer Model Words	Homework
how to revise the various changes in the earth's evolving atmosphere; how to revise atmospheric pollutants and their impact on the environment.		Pollutant	Revision PPQs on the earth's atmosphere
Extended Task.			
In LP4.7, I will know:	04/05/26 - (WK 2)	Frayer Model Words	Homework
how to revise the use of earth's resources and the importance of sustainable development; how to revise the importance and different ways to process both potable and waste water.		Sustainable	Revision PPQs on the earth's resources
Resources to support learning:	Booklets, revision booklets and PPQs, <a href="https://www.aqa.org.uk/subjects/chemistry/gcse/chemistry-8462/specification/subject-content/using-resources">https://www.aqa.org.uk/subjects/chemistry/gcse/chemistry-8462/specification/subject-content/using-resources</a> CGP revision guides.		
FFET Award Challenge for this Learning Programme:	Complete a full PPQs topic booklet or create a revision resource.		

PRT Task 1

PRT Task 2