

## Year 10 Chemistry

PRT Task 1

PRT Task 2

## rning Brogramma 2



		Literacy:
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.		Capital letters must be used at the sta of sentences and for the first letter of proper nouns
ow the properties of substances relate to their bonding and structure, how to use the mole to calculate the amounts of a substance	produced in a chemical	<ul> <li>Question marks must be used at the</li> </ul>
		end of a question • Apostrophes should only be used fo
here have I seen this learning before?		possession or omission
comic structure from LP1 and states of matter from KS3		<ul> <li>Days of the week and months must</li> </ul>
		spelled correctly • Key words must be spelled correctly
hat could I use it for?		
onding and structure will be used to explain the properties of substances in electrolysis and organic chemistry. Quantitative chemist purse	ry is used across the	
LP2.1, I will know: 21/10/24 - (WK 2)	Key Vocabulary	Homework
w to draw dot and cross diagrams of unfamiliar ionic compounds;		Retrieval quiz
hy ionic compounds have a high melting point and describe, in terms of ions, how an ionic compound can conduct electricity; w to draw dot and cross diagrams and ball and stick diagrams for H2, Cl2, O2, N2, HCl, H2O, NH3, and CH4.	lonic bond	
LP2.2, I will know: 04/11/24 - (WK 1)	Kou Marshellam	Homowork
U4/11/24 - (WK 1)	Key Vocabulary	Homework PPQ
we to explain the properties of simple molecules to giant covalent and giant ionic structures;		
	Covalent bond	
<sup>12</sup> RLW, I will: 11/11/24 - (WK 2)		
view my learning, recalling and applying key knowledge, and focus on closing any gaps in my knowledge.		
LP2.3, I will know: 18/11/24 - (WK 1)	Key Vocabulary	Homework
e properties and consequent uses of graphene, fullerenes and carbon nanotubes;		Retrieval quiz
detail, including labelled diagrams, how alloying affects the structure and bonding in metals and its effect on properties; ow to evaluate the use of nanoparticles in their applications, including sun cream.	Metallic bond	
rtended Task.		
	Key Vocabulary	Homework
LP2.4, I will know: 25/11/24 - (WK 2)		
w to calculate the relative formula mass for unfamiliar compounds when the formula is given;		PPQ
	Moles	PPQ
w to calculate the relative formula mass for unfamiliar compounds when the formula is given;	Moles Key Vocabulary	PPQ Homework
ow to calculate the relative formula mass for unfamiliar compounds when the formula is given; ow to calculate the number of moles or mass of a substance from data supplied.		
ow to calculate the relative formula mass for unfamiliar compounds when the formula is given;         ow to calculate the number of moles or mass of a substance from data supplied.         LP2.5, I will know:       02/12/24 - (WK 1)		Homework
w to calculate the relative formula mass for unfamiliar compounds when the formula is given; w to calculate the number of moles or mass of a substance from data supplied. <b>LP2.5, I will know: 02/12/24 - (WK 1)</b> w to calculate the number of moles of a substance using molar ratio and balanced symbol equations;	Key Vocabulary	Homework
by to calculate the relative formula mass for unfamiliar compounds when the formula is given; by to calculate the number of moles or mass of a substance from data supplied. LP2.5, I will know: 02/12/24 - (WK 1) by to calculate the number of moles of a substance using molar ratio and balanced symbol equations; by to use balanced symbol equations to calculate reacting masses;	Key Vocabulary Molar ratio	Homework Retrieval quiz
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