KS4 Chemistry Homework

AQA Higher Tier Separate Science

Create a set of revision notes for the topic that is stated.
Your teacher will provide you with an exam question on that topic during lesson when the homework is complete.

Date set	Topic	CGP Revision guide page number	Evidence
C1 – Atomic structure and the periodic table			
	Atoms, elements and compounds	12-14	
	Chemical equations	15	
	Mixtures and chromatography	16	
	More separation techniques	17	
	Distillation	18	
	The history of the atom	19	
	Electronic structure	20	
	Development of the periodic table	21-22	
	Metals and non-metals	23	
	Group 1	24	
	Group 7	25	
	Group 0	26	
C2 – Bonding, structure and properties of matter			
	Formation of ions	28	
	Ionic bonding	29	
	Ionic compounds	30	
	Covalent bonding	31	
	Simple molecular substances	32	
	Polymers and giant covalent structures	33	
	Allotropes of carbon	34	
	Metallic bonding	35	
	States of matter and changing state	36-37	

C7 – Organic chemistry			
	Hydrocarbons	75	
	Fractional distillation	76	
	Uses and cracking of crude oil	77	
	Alkenes	78	
	Reactions of alkenes	79	
	Addition polymers	80	
	Alcohols	81	
	Carboxylic acids	82	
	Condensation polymers	83	
	Naturally occurring polymers	84	
C8 – Chemical analysis			
	Purity & Formulations	86	
	Paper chromatography	87	
	Test for gases and anions	88	
	Test for cations	89	
	Flame emission spectroscopy	90	
C9 – Chemistry of the atmosphere			
	The evolution of the atmosphere	91	
	Greenhouse gases & climate changes	92	
	Carbon footprint & air pollution	93-94	
C10 – Using resources			
	Ceramics, composites and polymers	96	
	Properties of materials	97	
	Corrosion	98	
	Finite & renewable resources	99	
	Reuse & recycling	100	
	Life cycle assessments	101	
	Potable water	102	
	Waste water treatment	103	
	The Haber process	104	
	NPK fertilisers	105	

If you do not have the CPG book then you can find similar material on Kerboodle and Bitesize.