

Chemistry Combined Science HT3

Week	Lesson Coverage	Homework	GCSE Pod links
1. Wc 4th January	Topic 10 – Using resources: Ceramics, composites, polymers and metals. How their properties make them useful in many everyday objects. How metals corrode (rust) and how to prevent it.	Practice questions – C6 revision	Lesson content support: https://members.gcsepod.com/shared/podcasts/title/10878 Revision support: https://members.gcsepod.com/shared/podcasts/title/10867
2. Wc 11th January	Finite and renewable resources. Some resources that humans use for energy, building materials and food get replaced but some don't. Reuse and Recycling.	Practice questions – C6 revision part 2	https://members.gcsepod.com/shared/podcasts/title/10880
3. Wc 18th January	Life Cycle assessments. If a company wants to manufacture a new product, they carry out a life cycle assessment to show the environmental costs of its production and use. Potable water and waste water management	Evaluate the environmental cost of producing 2 products. 6 mark exam question practice. Research the cause of the recent explosion in a waste water management site near Bristol.	https://members.gcsepod.com/shared/podcasts/title/10879
4. Wc 25th January	Revisiting Topic C6 – Rates of Reaction Collision theory Rates of reaction Required Practical	Practice exam questions – C6 and C10	https://members.gcsepod.com/shared/podcasts/title/10867

5. Wc 1st February	Revisiting topic C9 – The Chemistry of the atmosphere How the atmosphere evolved. Greenhouse gases and climate change	Exam question booklet (2 weeks to complete)	https://members.gcsepod.com/shared/podcasts/title/10875 https://members.gcsepod.com/shared/podcasts/title/10876
6. 8th February	Carbon footprints Air pollution		https://members.gcsepod.com/shared/podcasts/title/10877