
























Chemistry Super Curriculum Year 9

Atomic Structure



 Recommended viewing (You Tube variety of titles & channels) Freesciencelessons: "Atomic Structure"; "Isotopes".	 Read: <i>CGP GCSE Chemistry Revision Guide</i> - General resource.	 Written activity: Draw and label diagrams of atoms, ions, and isotopes.
 Read: Specific chapter from AQA/OCR/Edexcel textbook.	 Recommended podcast: "Chemistry in its element" (RSC) - Search for specific elements discussed.	 Building activity (home based): Build atom models (polystyrene balls, playdough, etc.). Show isotopes with different colored neutrons.
 Recommended viewing (You Tube variety of titles & channels) Cognito: "GCSE Chemistry - Atomic Structure #1"; "Ions and Isotopes".	 Written activity: Create a timeline of atomic model development (Dalton, Thomson, Rutherford, Bohr).	 Building activity (home based): Create a periodic table poster, highlighting key information about each element.
 Read: Khan Academy: Atoms and elements	 Written activity: Past paper questions	 Recommended podcast: "The Disappearing Spoon" podcast - Episodes related to specific elements or atomic discovery
 Recommended viewing (You Tube variety of titles & channels) Khan Academy: "Introduction to the atom"; "Elements and atoms"	Job Opportunities & Salary Ranges (GBP) Use: National Careers Service	

	Reading Task		Creative Task
	Research Task		Writing Task
	Watching Task		Student – Led Task
	Listening Task		Trip or Visit