

Structure & Bonding Revision Guide

Overview of the Topic:

Ionic: [Forming ions - Ionic compounds - Edexcel - GCSE Chemistry \(Single Science\) Revision - Edexcel - BBC Bitesize](#)

Simple Covalent: [Covalent bond - Simple molecular substances - Edexcel - GCSE Chemistry \(Single Science\) Revision - Edexcel - BBC Bitesize](#)

Giant Covalent: [Substances with many covalent bonds - Giant covalent substances - Edexcel - GCSE Chemistry \(Single Science\) Revision - Edexcel - BBC Bitesize](#)

How things bond (ignore Dative bonding): [Chemguide: core chemistry 14-16: Atomic structure and bonding menu](#)

Structures: [Chemguide: core chemistry 14-16: Structure menu](#)

Videos:

[Structure and bonding - GCSE Chemistry \(Single Science\) - BBC Bitesize](#)

Podcast:

[Revise bonding, structure and properties with the BBC Bitesize science podcast - BBC Bitesize](#)

Quizzes:

How things bond: [Gradegorilla Chemistry](#)

Metallic bonding: [Gradegorilla Chemistry](#)

Metallic bonding: [Metallic Bonding GCSE Level Quiz - Discover Tutoring](#)

Alloys: [Gradegorilla Chemistry](#)

Metal properties: [Gradegorilla Chemistry](#)

Properties of substances: [Gradegorilla Chemistry](#)

Ionic: [GCSE chemistry questions - ionic compounds GCSE chemistry revision - BBC Bitesize](#)

Ionic: [Ionic bonding Quiz - Discover Tutoring](#)

Simple covalent/small molecules: [GCSE chemistry questions - small molecules GCSE chemistry revision - BBC Bitesize](#)

Covalent bonding: [Covalent Bonding GCSE Quiz - Discover Tutoring](#)

Giant covalent: [GCSE chemistry questions - giant covalent molecules GCSE chemistry revision - BBC Bitesize](#)

Bonding: [iGCSE Chemistry - Bonding | Grade Gorilla](#)

Structure: [GCSE Chemistry - Structures | Grade Gorilla](#)

Exam question Practise:

Some of these are about calculations, ignore those: [Multiple choice questions - Sample exam questions - key concepts in chemistry - Edexcel - GCSE Chemistry \(Single Science\) Revision - Edexcel - BBC Bitesize](#)

PMT: [Edexcel GCSE Chemistry Topic 1: Key Concepts in Chemistry Revision - PMT](#)