

Atomic structure – Mix and Match

Teacher Instructions

- Take the following boxes of species and words.
- Laminate and cut up.
- Students are to match species with a word (either molecules, ions or atoms) describing what the species is made up of.
- Note: there will be some words unused.
- After that they could then group them into types of solids, state properties of those solids or assign type of attractive forces to them.

HCl	Molecules	Molecules
CO ₂	Molecules	Molecules
NH ₃	Molecules	Molecules
NaCl	Ions	Ions
Zn(OH) ₂	Ions	Ions
Iron Wool	Molecules	Atoms
Zinc metal	Atoms	Atoms
CCl ₄	Atoms	Atoms
SiO ₂	Polyethene	Atoms
Diamond	C ₂ H ₅ OH	Graphite
Iodine	Molecules	KBr