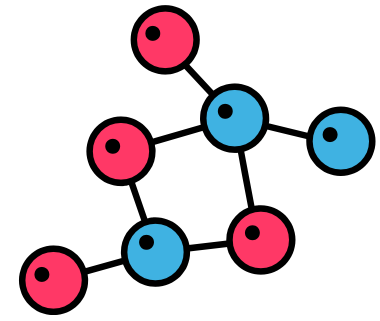




Atoms bond to make molecules.



Molecules join to make substances.

Tasks

Substances have chemical formulas which tell you how many atoms in a molecule.

Look at the resources for water ~ The mickey mouse molecule.

1. On the back of your sheet draw and label a single molecule of water and write its formula.

Use the pictures of common substances to answer the following:

Sugar is made up of three types of atom - carbon, hydrogen and oxygen. $C_{12}H_{22}O_{11}$

2. Add together the number of each type of atom that is required to make a single molecule of sugar.

How many atoms in total? 3, 45, or 92 to make one molecule of sugar.

3. Some substances are made entirely of molecules made from one type of atom.

Name one such substance, where would you find it?

4. What is the chemical name for something you sprinkle on your fish and chips.

