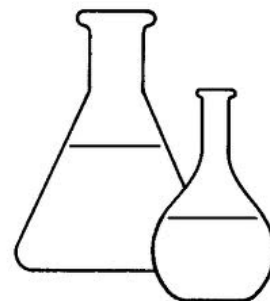


A Level Chemistry - introductory task

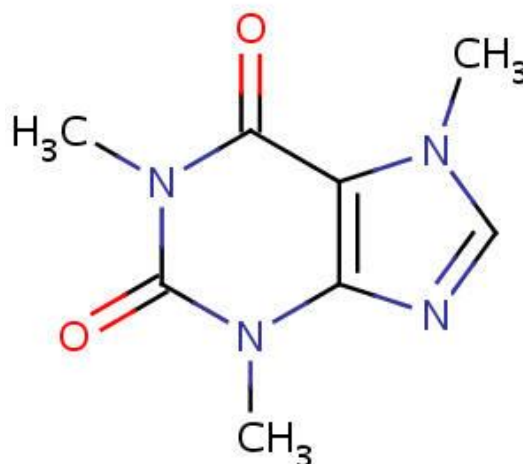


1. Learn the following chemical formulae -

Hydrogen	H ₂	Hydrochloric acid	HCl
Oxygen	O ₂	Nitric acid	HNO ₃
Water	H ₂ O	Sulphuric acid	H ₂ SO ₄
Carbon dioxide	CO ₂	Phosphoric acid	H ₃ PO ₄
Carbon monoxide	CO	Sodium hydroxide	NaOH
Ammonia	NH ₃	Potassium hydroxide	KOH
Ozone	O ₃	Copper oxide	CuO
Nitrogen	N ₂	Sodium carbonate	Na ₂ CO ₃
Chlorine	Cl ₂	Calcium carbonate	CaCO ₃
Bromine	Br ₂	Sodium chloride	NaCl

2. Carry out research on 4 different molecules - find out the formula, chemical structure, what the chemical is used for and any other interesting information about the molecule. Present this information on an A3 poster. (Keep to information that you can understand!) Choose any 4 molecules from the list below.

- (a) citric acid
- (b) ethane -1,2-diol
- (c) limonene
- (d) aspirin
- (e) sucrose
- (f) octadecanoic acid
- (g) ibuprofen
- (h) lactic acid
- (i) trichlorophenol
- (j) cyclodextrin



What are these?

