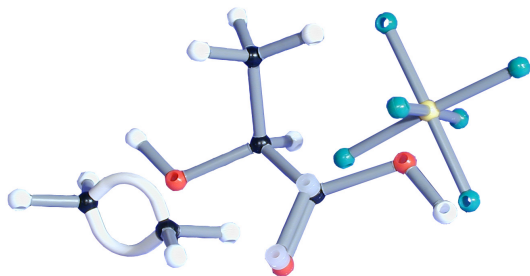




Cochranes of Oxford

Orbit™ molecular building system

Organic and Inorganic Chemistry Foundation Set 0045



66 atoms
90 bonding tubes

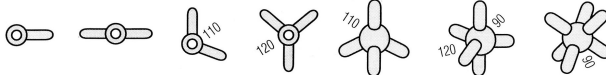
Hydrogen	18
Carbon / Other	24
Nitrogen	6
Oxygen	10
Chlorine / Halogen	6
Sulfur	1
Phosphorus	1

Extra-thick bonds	70
Extra-rigid bonds	15
Flexible bonds	6

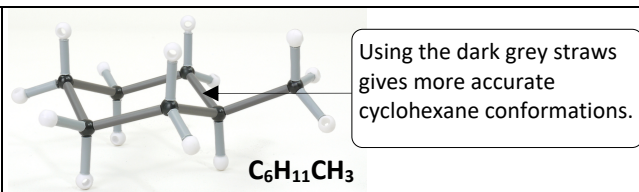
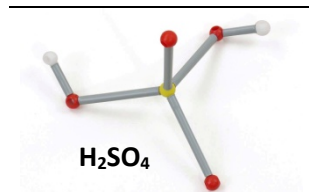
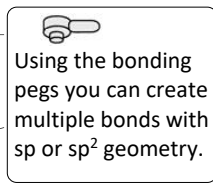
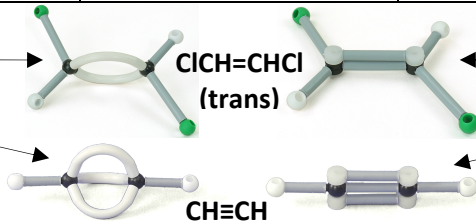
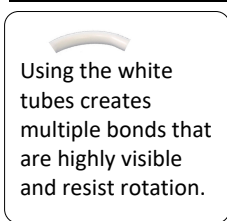
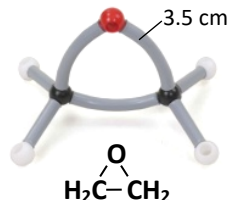
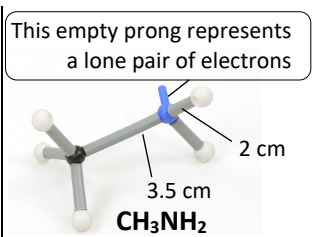
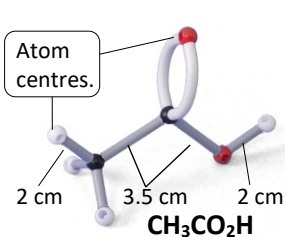
Use this set to study:

- VSEPR / molecular shape,
- alkanes, alkenes, alkynes,
- isomerism, chirality,
- ring structures, cyclohexane
- benzene and derivatives,
- functional groups, polymers

Shapes in this set:



To Build Models. The list of elements on the front cover shows the colours of the model atom parts. Use the short grey tubes to join hydrogen, longer grey tubes between other atoms and long white tubes to make multiple bonds as shown below. Consult your tutor or other sources for more guidance.



More Orbit™ sets and parts available online.