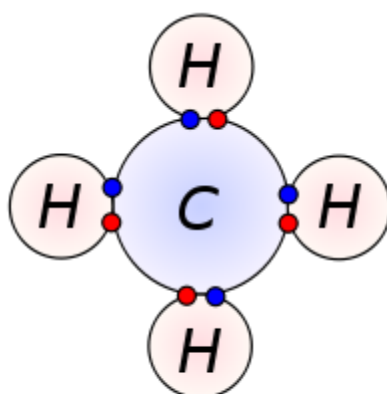


## Chemical Bonding

- OC41 understand how atoms of elements combine to form compounds
- OC42 recall that ionic bonding is an attraction between positive and negative ions; describe the bonding in NaCl and MgO as examples
- OC43 state what a molecule is, understand that covalent bonds involve the sharing of pairs of electrons, and describe the bonding in H<sub>2</sub>, O<sub>2</sub>, H<sub>2</sub>O, CH<sub>4</sub> as examples of covalent bonding
- OC44 investigate the ability of ionic and covalent substances to conduct electricity



- Electron from hydrogen
- Electron from carbon