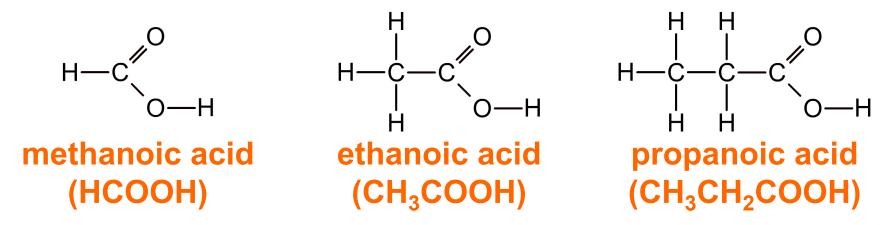




Functional groups and homologous series

A **functional group** is an atom or group of atoms responsible for the typical chemical reactions of a molecule.

A homologous series is a group of molecules with the same functional group but a different number of $-CH_2$ groups.



Functional groups determine the pattern of reactivity of a homologous series, whereas the carbon chain length determines physical properties such as melting/boiling points.

© Boardworks Ltd 2009

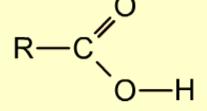


2 of 4

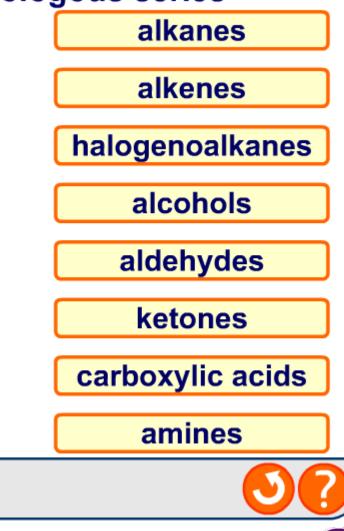
Functional groups







Click on the name of a homologous series to see details of its functional group and example structures.



© Boardworks Ltd 2009





