

Organic Functional Groups Card Sort

A **functional group** in an organic molecule is an atom or a group of atoms that replaces a hydrogen atom in a hydrocarbon. These replacement groups are much more reactive than the hydrogen atom that was replaced. They give the molecule its functionality, or its reactivity.

Reference Table R lists the class of compound, the functional group, the general formula and an example to help in the naming. The ***R*** and ***R'*** in the general formula stands for the hydrocarbon that makes up the **rest of the molecule**.

Your Task:

1. Sort the cards into groups by looking for atoms other than C or H that make up the functional group.
2. Once you have your groups sorted, use Table R to identify the functional group for each of your groups.

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