







DYSFUNCTIONAL GROUPS

Activity:

1. Teacher creates a class set of cards (~30) and on each card there is a molecule that has ONE main functional group. There should be 3 cards for each type of functional group (ie. draw 3 different aldehydes, 3 different hydroxyls, etc). See attached molecules.
2. Give each student a card.
3. Students get into groups by determining which functional group is present on their card and finding the 2 other students with a molecule in the same family. (groups of 3)
4. Students draw the 3 molecules from their cards on poster paper using markers or coloured pencils and circle the functional group that is in common. Make up and draw one more unique molecule containing that group.
5. Present poster to class.

Extension:

Have the class draw one huge molecule containing all the functional groups represented in the activity. Pick students to draw on the board and discuss.