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## Solubility and General Lewis Base preferences

You have been exposed to complexation reactions, so let's look at solubility and general Lewis Base preference for different groups (such as transition metals).

[[http://www.youtube.com/watch?v=IZY0AUKD6gs&feature=player\\_embedded](http://www.youtube.com/watch?v=IZY0AUKD6gs&feature=player_embedded)]

Here is an example that incorporates solubility and Lewis Acid/Base "partner swap" to put the concepts all together.

[[http://www.youtube.com/watch?v=4llyl8ZpvlQ&feature=player\\_embedded](http://www.youtube.com/watch?v=4llyl8ZpvlQ&feature=player_embedded)]

Here are good resources to help cement the idea of Lewis Acid-Base Reactions:

<http://www.chemguide.co.uk/inorganic/complexions/aquaoh.html>

<http://www.chem.purdue.edu/gchelp/cchem/struct2.html>