

12.13 Shapes of Molecules (Video)

This project was preformed to supply **Libretext Authors** with videos on General Chemistry topics which can be used to enhance their projects. Also, these videos are meant to act as a learning resource for **all General Chemistry students**.

Video Topics

The shapes of molecules can be estimated using Valence-Shell Electron-Pair Repulsion (VSEPR) Theory. Electron groups repel each other and assume orientations about an atom to minimize repulsions. Electron groups can be either bonds or lone pair electrons (LPE). Covalent bonds and LPE on a central atom are as far apart as possible to minimize electron-electron repulsion. Electron-electron repulsions determine molecular geometry. Bond angles, the angles between adjacent atoms.

Link to Video

Shapes of Molecules: <https://youtu.be/FUuI83PPua8>



Attribution

- Prof. Steven Farmer ([Sonoma State University](#))

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