

Module 8: Thermochemistry

Topic 4: States of Matter Notes

Solid



In solids, there is a high level of attraction between molecules. There is a smaller chance that molecules will be disorganized. Entropy is low.

Liquid



Liquids have some disorganization. There is some attraction between molecules, and they move somewhat more freely. Entropy is greater than in a solid, but less than a gas.

Gas



There is little to no attraction between the molecules in a gas. As a result, gas molecules have the greatest entropy.