**AP Chemistry Daily Videos**

[**3.1 Intermolecular Forces**](https://unit-resources-apclassroom.s3.amazonaws.com/Chemistry/Unit_Guides/Chemistry_Unit3.pdf?Signature=3S4V7SjRWHxTmch0ghZ29gLwceQ%3D&Expires=1604974289&AWSAccessKeyId=ASIAXUCCNI2WTQ4KHXII&x-amz-security-token=IQoJb3JpZ2luX2VjEPr//////////wEaCXVzLWVhc3QtMSJIMEYCIQDdaIdbzbURvw6FdQwiyNvDxToRmhRCCn4fwaPRdW9agQIhAO40xpv84epjCOcFmAXOQqRqxwe7ISMTakBXJNLMqdeLKrQDCGIQABoMNTI0MTI1MjkyMjA1IgyQTBSJYNuoEeAFMZkqkQNTDiyzeo/Bj582HhK2D2sAzF7j04X/hsx6Fc2rX9EePln0LScUinAeKQ7Uybg3%2BIP3BEx%2BGiyy9aL4PNgj7%2B7t%2BTIhJ5Gdd2/QjWk/Ro6Q13ixmZV8NdzeTYhCGOb6sqxRrBRSq3rNcX0MorIVZtuIKGCQ6m9Vt1jF0NOXKTkd5DhYSgt9WgBDlWUioaT9V6c31dyCL4ZlF18x8u9w9lXSGyhlIsoE7wD5gJWGsxY88hvyjsfUYp6O8%2BQ46lgE4bs8oUycYYyioXiDz238HEUUd59Wk3Sbpek/isjbC5FnbJWElGfWh%2BPYVoyRBHBMxcvgjrzW9KkKMkd8UAiZYTt8Z21XJ%2BDxc2W502IR8q3hvyjw/4SI4RmTMWm0NmkILzWiQZFJc1581esIFQwrNMDbsqY/hB3uHSrQDbMY1%2BHoph4A1DvQKSRHfydpD59gj/89KKEqY4sHRVZzZ1QvTq8dwGR4RsQJ9/aENj8mjVwC90BGXuxb2oe1WG%2BX4VXjOeDS1OlJZDaIw%2B06L5%2Bo3pojgjCc8qX9BTrqAUYByCYpwUNhlhtNu5LAMvox4ecKCkNQ9xVh2/9rYKk/i58VOcqz30RdO6no%2B0JU8pqnZjWJ8fKXJBT389uwompTlfgYcIEAhggr552Qoyd3dzau4neb9TKvjbqOUW1%2B7F2beOOxYeibTXYHq3o71zHGg155k1vf6Ixbuhrvof3bhlHo8pe8TjTzQNnuSmuGrkL%2B9Fc2mDmZgJGkHD8rznCu6abIajYWTzw3kX8kcv6qW4D/DRZ/OmXOPvUtQxJ3rHM%2BKq7doMlSSnOtcnmY3jfEo6e3WesKDXZUPa1USuiQKv%2Bn4Vwawq%2BnHw%3D%3D#T3.1)

[**Daily Video #1**](https://apclassroom.collegeboard.org/7/home?apd=svl9rhyhyq)

1. What is the difference between intramolecular forces and intermolecular forces?
2. How are intermolecular forces (IMFs) formed?
3. What are dipole-dipole interactions?
	1. What determines the strength of dipole-dipole interactions?
4. What is an induced dipole?
5. What causes two nonpolar molecules to interact?
6. What determines the strength of the London dispersion forces (LDF)



1. How does the shape of the molecule determine the strength of the LDFs



1. Pause the video at 6:14 and attempt the problem, then evaluate how you did and identify any errors.



1. Pause the video at 7:10 and attempt the problem, then evaluate how you did and identify any errors.

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[**Daily Video #2**](https://apclassroom.collegeboard.org/7/home?apd=vrl8bapkgo)

1. What are the characteristics of Hydrogen “bonding”
2. Which of the five interactions labeled are hydrogen bonding.

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1. What are ion-dipole interactions?
2. Pause the video at 6:45 and attempt the problem, then evaluate how you did and identify any errors.



[**Daily Video #3**](https://apclassroom.collegeboard.org/7/home?apd=tbrb6xqh0b)

1. Which properties of a substance INCREASE when IMFs increase?
2. Which properties of a substance DECREASE when IMFs increase?
3. What do you have to consider to compare the IMFs of different substances?
4. Pause the video at 4:27 and attempt the problem, then evaluate how you did and identify any errors.

