**AP Chemistry Daily Videos**

[**3.10 Solubility**](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#T3.10)

[**Daily Video #1**](https://apclassroom.collegeboard.org/7/home?apd=mqg4dvlm9a)

1. **Outline the beginning of the video**
	1. **Ionic Compounds**
	2. **Molecular Compounds**
2. **Elaborate on “Like dissolves like”**
3. **Pause the video @ 3:07 and answer the MC question below, include a drawing for each choice.**

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1. **Pause the video @ 4:54 and answer the MC question below.**

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**Pause @ 6:01, answer the Free Response questions #6 and #7 using the date table below:**

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1. **Identify a compound from the table that is nonpolar. Justify your answer.**
2. **Ethanol is completely soluble in water, whereas ethanethiol has limited solubility. Account for the difference in solubilities between the two compounds in terms of intermolecular forces.**
3. **According to the scoring guidelines presented, what would you score yourself? How can you improve your score?**
4. **What did the teacher provide as the take away from this video?**