**AP Chemistry Daily Videos**

[**3.11 Spectroscopy and the Electromagnetic Spectrum**](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#T3.11)

[**Daily Video #1**](https://apclassroom.collegeboard.org/7/home?apd=et8cmolxfs)

1. Which type of radiation is related to transitions in molecular rotational levels?
2. Which type of radiation is related to transitions in molecular vibrational levels? Why?
3. Which type of radiation is related to transitions in electron energy levels?



1. Pause the video at 1:45 and attempt the problem, then evaluate how you did and identify any errors



1. Pause the video at 3:21 and attempt the problem, then evaluate how you did and identify any errors

