

Atomic Emission Spectra Model

- Create a POGIL-ish diagram* that explains how energized hydrogen atoms make light
- The diagram should show what is happening inside the atom in a step by step process
- Include how the light given off the atom is then separated by a spectrascope into the bright colored lines of an atomic emission spectra
- Required Vocabulary & phrases: (absorb energy, release energy, excited state, ground state, wavelength, frequency and atomic emission spectra, refraction)

*Diagrams are labeled drawings like a POGIL

Extension

- How do we use the atomic emission spectra to decide that a star has Hydrogen in it

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