**Bellringer: Action and Absorption Spectra for Photosynthesis**

AP Biology

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| The diagram at right illustrates the absorption spectrum for the photosynthetic pigment chlorophyll a, and the action spectrum of photosynthesis for a common green aquatic plant, *Anacharis*. Answer the questions below about the graphs you see at right.   1. Based on the graph, what are the optimum wavelengths of light for photosynthetic activity in *Anacharis*? 2. Provide a reason explaining why *Anacharis* displays photosynthetic activity at wavelengths of light between 500-625 nm. | PoL-Fig-06-17-0R Absorption and Action Spectra.jpg |

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