

Synopsis: The Universe We See

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This curriculum unit integrates topics from optics and astronomy together in one coherent unit. It is believed that presenting content in a more integrated manner allows for greater access to content, and this unit is designed to help high school students to understand both. Students could gain a better understanding of the electromagnetic spectrum by exploring data from different types of telescopes. Students will also be able to tie luminosity, spectroscopy, intensity, black body radiation and other physical concepts to their astronomical uses. This unit is designed to use student centered learning and frequent hands-on activities.