



Lending Library: Cosmic Colors

1. Lesson Plans and Educator Resources
 - a. Background information for educators
 - b. Vocabulary list
 - c. List of recommended resources for educators, parents, and students
 - d. List of Applicable Montana Content Standards
 - e. NASA Educator Guide: *Space Based Astronomy*
 - f. NASA Lesson: Build a Spectroscope
 - g. NASA Lesson: Discovering Color with a Prism
 - h. NASA Educator Guide: *Electromagnetic Math*
 - i. NASA Lesson: Wavelength and Energy

2. Classroom Resources and Lesson Materials
 - a. Electromagnetic Spectrum poster
 - b. *Invisible Universe: The Electromagnetic Spectrum from Radio Waves to Gamma Rays*
By Stephen Pompea
 - c. Spectrum Tube power supply (115V)
 - d. Spectrum Tube: Hydrogen
 - e. Spectrum Tube: Helium
 - f. Spectrum Tube: Mercury Vapor
 - g. Spectrum Tube: Neon Gas
 - h. Spectrum Tube: Carbon Dioxide
 - i. Equilateral Glass Prisms (2)
 - j. Diffraction Viewers, 2" x 2" (50)
 - k. Electromagnetic Spectrum Card Game

1. "The Universe at Your Fingertips 2.0" - A DVD-ROM of Astronomy Activities and Resources from the Astronomical Society of the Pacific, edited by Andrew Fraknoi