



SPECTROSCOPE

Light experiments are fun, especially when they involved rainbows. Youth will make their own spectroscope that is used to split light into different wavelengths, which we see as different colors of the rainbow.

Age Level: 4th-8th grade

Time: 1 hour

Science Applications: Electromagnetic Spectrum, wavelength of colors, properties of light and waves.

County Available: King County

Kit Activity

Make a spectroscope out of recycled materials and explore the spectrum of different light sources.



Kit Contents:

- Paper towel rolls
- Exacto knives, need to supervise use
- Cds
- Pencils
- 3 by 5 cards
- Tape
- Protractors
- Paint, paint brushes, paper cups
- Scrapbook paper



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