Create a UV Bracelet

Make your own ultraviolet light detecting bracelet!

Materials Needed:

Ultraviolet (UV) beads*, pony beads, pipedeaner, scissors, sunlight.

*Note: UV beads can be ordered on Amazon or at www.stevespanglerscience.com

Instructions:

Step 1: Thread your beads onto a pipedeaner. Mix the UV beads with the ordinary pony beads to make a design.

Step 2: Wrap the pipedeaner around your wrist

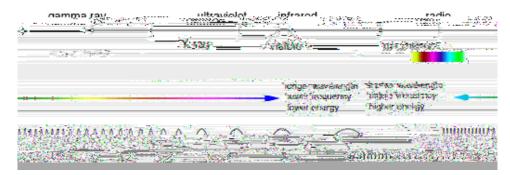


Image: NISEnet.

What is Ultraviolet Light?

Our Sun shines brightly in the daytime, warms our planet, and helps plants grow. But the sunlight we see with our eyes is only a very small part of the light the Sun gives off.

Our eyes see only visible light, but the Sun gives off light across the *electromagnetic spectrum*. This spectrum consists of light energy travelling in waves, from very short waves like gamma rays to very long waves such as radio waves. Ultraviolet, or UV light, has shorter waves than visible light.



Electromagnetic Spectrum. Image: NASA's Imagine the Universe.

