

UV Bead Investigation

At this station, students will learn about UV radiation and create a bracelet from UV beads.

What you need:

- ❖ An educational poster/tri-fold board teaching about UV radiation and its effects on humans
- ❖ Pipe cleaners to make bracelets (each visitor will make one bracelet).
- ❖ Wire cutters (might be used to cut pipe cleaners)
- ❖ UV beads – about five or six per visitor
 - <https://www.amazon.com/INSPIRELLE-Luminous-Changing-Reactive-Bracelets/dp/B09C5FNQL4/>

How to play:

- ❖ After learning about UV radiation and its effects on humans, visitors will create a UV bead bracelet by stringing five or six UV beads onto a pipe cleaner. This will become a bracelet they can wear.
- ❖ Teach about the colors and intensity of colors by showing what the beads look like in a variety of conditions:
 - Direct sunlight
 - Shade
 - Greenhouse (or under glass)
 - Under soil
 - Any other conditions you can think of