

# UV Light Detecting Beads

## Science Trick

*This quick and easy science "trick" is spectacular and uses inexpensive materials available online or from your local science shop.*

*Remember, it's always a good idea to practice at home first!*

### Suggested Materials:

- ❖ Ultraviolet light detecting beads in various colours (available online or from your local science shop)
- ❖ Thin elastic to thread through the beads to make a bracelet

### Suggested Instructions:



**Step 1:** At home, thread your beads onto your elastic to make a bracelet small enough to fit a child's wrist. You must do this indoors and away from sunlight.



**Step 2:** Tie a firm knot in your elastic and place the bracelet on your wrist. At this stage, all your beads will be white.



**Step 3:** Walk outside and expose your bracelet to sunlight. Watch the rainbow of colours that appear when your UV light detecting beads catch some sun.



**Step 4:** At school, repeat Step 1 to Step 3.....OR take in a pre-prepared bracelet in a container so that it doesn't absorb any sunlight on the way to school.