



Virginia Region II Annual Teacher Night at Jefferson Lab 2025

Activity Title: **UV Ray Detectives**

Type: Demonstration (Demo)

Grade Level: Grade 5

Time Allotment: 1 hour

Objectives with Correlated SOLs:

5.6 The student will investigate and understand that visible light has certain characteristics and behaves in predictable ways. Key ideas include a) visible light is radiant energy that moves in transverse waves; b) the visible spectrum includes light with different wavelengths;

Materials List (including equipment):

- Ultraviolet beads
- 3 petri dishes
- Sunscreen SPF 4
- Sunscreen SPF 50
- Sunlight

Teacher Contact Information:

Haley Minney
Hminney@ycsd.york.va.us