Name:	Date:	Class:	

Intro Activity Handout

Research

Write down your qualitative observations of the beads:

Background **Electromagnetic Spectrum Section (from UV to IR)** Short Wavelengths Long Wavelengths Ultraviolet Visible light Infrared (UV) (IR)

Questions

What type of sunlight/light waves caused the beads to change colors?

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Was it UV?	Was it visible light?	Was it infrared?

Define the following:

Fluorescent	Phosphorescent

What type of sunlight/light waves caused the powder to change colors?

Was it UV?	Was it visible light?	Was it infrared?

Is the powder fluorescent or phosphorescent? How do you know?