



WASABI'S LASER EXPERIMENTS

MASTER YOUR LASER KNOWLEDGE WITH THESE EXPERIMENTS
USING A LASER POINTER & COMMON HOUSEHOLD OBJECTS!

SAFETY TIPS!

- An adult should be present during this activity.
- Do not point the laser directly into anyone's eyes, including your own.
- Children should wear sunglasses or tinted goggles during this activity.
- Use a laser pointer with an output of less than 1mW. A keychain laser from a toy store works best!

LIGHT BULB

In a darkened room, aim your laser pointer at a frosted incandescent light bulb. Observe the reflections both around and within the bulb!

CD'S / DVD'S

Shine the laser beam over the underside of a CD or DVD. Experiment with different angles of the laser and observe how that changes the number and size of the resulting reflections.

PLASTIC BOTTLE

Fill an empty bottle with water and a sprinkle of cornstarch. Dim the lights and aim the laser pointer through the bottle. Observe the resulting beams of light in and through the bottle!

MIRRORS

Line up two small mirrors facing one another. Shine the laser beam between them and, adjusting the angle of the beam against the mirror surface, see what fun patterns you can create with the deflected light!