

I collected the holography resources into a post on my website: <<http://pedagoguepadawan.net/196/holography-resources/>>

This contains a link to the How It's Made video, slides that can be used in class, links to detailed instructions, and the part numbers and prices of the materials that we use.

After Professor Hogan's talk this morning, I thought I would also pass along a link to a series of posts that I wrote last summer about the Holometer:

<<http://pedagoguepadawan.net/holometer/>>

They try to present information about the theory and experiment that can be understood by high school students.

Geoff

There are a couple of ways to view the hologram. One is to recreate the geometry from when it was created. An easier way is to project the image on a wall. Here are those instructions:

- In a dark room hold the slide, by its edges, vertically about a foot from the wall.
- Shine a regular red or green (green works better) laser point through the slide from about a 45° angle below the horizontal
- Move the laser pointer back and forth from the top of the slide to the bottom looking for the image. The image will be projected onto the wall below the horizontal of the slide.
- If you don't see the image, rotate the slide 90° about the axis perpendicular to the slide)
- Repeat the scanning with the laser pointer and continue to rotate the slide until all four orientations are tried.
- When you find the image, flip the slide front to back to see if the image is better when projected from the opposite side.

Here's a diagram looking at the side of the slide:

