Lab #2: Standing waves and Optics I

What you will need:

1. Printed (paper) ruler
2. Laser (please insert the batteries before class)
3. Prism
4. Green elastic bands
5. Black pinholes and lens glued on black endcap
6. Big and small magnifying glasses
7. Plastic sheet/diffusing material
8. Cardboard tubes
9. Small lens inside the white box
10. 2 clothing pins
11. Transparent (magic) tape
12. One white sheet of paper
13. Large plastic slinky
14. Black arrow stickers/masks
15. Flashlight – please remove the piece of paper inside the flashlight that prevents it from turning on
16. Masking tape
17. (not pictured) Small circular lenticular lens (it is in a small plastic bag with a white label).
Space requirements:

Please set up your (phone) camera so that the table you will use for your experiments is visible – see below for an example. Also make sure that your phone is plugged in (or with a full battery) if you are going to use it.