

## How to put your portfolio together

**First**, Find the labs on the list, and place them in that order. Don't freak out if you are missing one or two labs. The important labs are in **bold**.

**Second**, Take out all the staples.

**Third**, Three hole punch the all the labs from this year and place them after last years labs in your portfolio.

**Fourth**, Write a brief (2-4 sentence) summary of your area 4 project on a piece of paper so they know what you did.

### List of labs (Bold is important)

- Millikan Prep lab – manipulation of Millikan lab like data
- **Electric Field Mapping Lab – in water with paper**
- **The Millikan Oil Drop Lab – computer simulation**
- Graphing Pre Lab for Ohm's Law – Graph for resistance
- **Diode and Light Bulb Lab – Graphs of I vs V for a light bulb and diode**
- Oscilloscope Lab – Getting measurements from an oscilloscope.
- **Resistance of a wire lab – Using max and min slope to calculate the resistance**
- Magnaprobe Lab – station lab to explore magnetism
- **Magnet Lab – Student Designed lab for magnetism**
- (Photo electric Graph – graph of the photo-electric effect)
- Research Project – A copy of your paper for your research project
- **Description of your area 4 project.**