**Testing for environmental factors related to water Quality**

1. Connect Vernier Interface to laptop

**pH Probe**

Will need distilled water , tap water, acidic solution, alkaline solution (4 beakers)

1. Remove probe from case
2. Wash buffer off pH probe
3. Insert into Ch 1 of interface
4. Load Logger Pro software

**Temperature probe**

Will need water, hot water, iced water , water partly cooled (3 beakers)

1. Insert temperature probe into Ch 1 of interface
2. Insert probe into into Channel 1 of interface
3. Load Logger Pro software (appears to recognise probe so do not have to exit and enter)

**DO Probe**

I will need the kit with probe and electrode filling solution

Also need 100 ml distilled water, tap water, hot water (cooled), various types of pond water (x2) (5 beakers)

Need to prepare this 10 minutes before for callibration

1. See step 1 Probe preparation and Step 2 to set up and calibrate probe .
2. Do not need to worry about step 3
3. Go to Step 4

**Turbidity meter**

I will need the kit with cuvette. One will be filled with distilled water. Other already filled 100 NTU Turbidity standard

Pond water(x2), tap water

1. Follow testing procedures on handout to calibrate. Need to calibrate 0 – 100
2. Step 5 are instructions for samples.