Changes to be made to your lab manual for Week 2 lab

- On page 44 in the table in column 1 cross out the (±2) and (±10) after the ranges as your data will not be so equally distributed. When you go to fill in your ranges for Table 5.1 you will just be writing the range from lowest to highest value.

- We use methylene blue dye instead of bromophenol blue dye in the experiment. So everywhere bromophenol blue appears (including Table 5.2) change it to methylene blue beginning on page 47 in the second sentence under Spectrophotometer Experiments. (Should have been changed last week in preparation for quiz.)

- Change the wavelength in Table 5.2 (page 47) so the readings go from 550 to 750 instead of from 450 to 650

- The concentration of the methylene blue stock solution is 0.010 mg/ml so change the concentration printed in:
  - Second sentence under Spectrophotometer Experiments
  - First sentence under Procedure on page 48 column 2
  - Step 1 in column 2 on page 48 under Analysis
  - Table 5.3 under concentration.

Directions for Using the Electronic Balances

- To turn on the balance push the ON/ZERO off button, a series of eights will appear and then Sr118 and then a countdown of 4, 3, 2, 1, and finally 0.00g will appear.

- To tare the balance put the empty container on the balance platform and push the ON/ZERO switch for one second, the display will now say 0.00g

- If the balance needs to be calibrated as per page 40 middle of column 2 of the lab manual, follow the illustrated steps in the balance manual (page EN-13 mid-page) using the 200g weight for this purpose. Both the manual and the 200g weight can be found in the same drawer as the balance.

- To turn the balance off hold the ON/ZERO Off button down for three seconds.

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