

Tech Prep Sheet: Bio Sci 230

Data Gathering Lab: Volumetrics and pH. Survey (NOTE)..

Supplies	Amount/ student pair	Total # students	Total amount	Precautions/storage/timeline
Lab Protocol	2	24	30	1 copy of lab per student (6 extra)
50 ml falcon tubes	8	12	72	Can be re-used, washed, etc.
Weighing paper boats	1	15	30	Keep weighing drawer stocked.
12 squeeze bottles with DI water	1	24	12	Keep handy for a variety of labs
Reagents	Amount/ student pair	Total # students	Total amount	Precautions/storage/timeline
3-4 vials of sodium bicarbonate (baking soda). About 50 grams per jar is fine.				Kitchen grade is fine
Equipment	Amount/ student pair	Total # students	Total amount	Precautions/storage/timeline
Analytical grade scale	1			2 in lab are fine
2-3 ph meters	1			Used 2-3 times during lab, make sure pH meters have calibration media (for ph 4,7,10) and a laminated SOP for pH meter use.