

Prep Thursday June 11th

Weller bring: boxes for 1.7ml and 0.5ml tubes and for tip waste, bags and bottle for biohazard waste.

Clean benches (Chlorox wipes, then 70% ethanol)

Put down Bench paper

Set up tube racks, micropipettors and tips, boxes for microfuge tubes (labeled for the different sizes) and waste boxes.

Put lab coats and gloves out.

Bring camera

Lay out notebooks, marking pens and writing pens, tape.

Set up microscopes in back of room.

Set up a laptop (or 2?) in the back of the room for Web site viewing of information videos.

Remember to post the list of videos relevant to what we are studying each day.

Set up table for supplies (Parafilm, scissors, tape, pens, tube racks, serological pipettes, Pasteur pipettes and pumps and bulbs). Check for CHCl₃, EtOH, isopropanol, mol boil grade water, 10X TBE, 20X TE, agarose, 5M NaCl, 3M NaOAc, bme, Tween, sorbitol, PVPP, CTAB, 1M Tris, EDTA soln, Miracloth, KCL, 10% SDS, glycerol, syrup, oil, food color, DNA size standards, Gel Loading Buffer, EtBr or SYBR Safe.

Make sure refrigerator is on, clean (defrost if necessary).

Distribute and label equipment for assessment test.

Check electrophoresis rigs in case we need to order parts or bring extras from UNCC.

Revise assessment test with Jeanne and Erica.

Weller: Collect mortars and pestles for cleaning over the weekend, and other glassware we want cleaned.

Collect chemicals needed to make buffers for next week.

PM: order oligos, get first week protocols posted and printed.

Prep Friday June 12th

Charge camera battery o/n, bring camera for Gypsy Ruano.

Example of collection kit to show class.

Flash drive with all presentations to date.

Snacks/fruit/water.

Print out assessment?

Prep Weekend

Order oligos if not done!

Charge camera

Buy dry ice (for both Monday and Tuesday) and put in -80. Buy water, some snacks.

Put together sample collection kits (6 Baggies, 6 tubes, 3 sticks, 1 pen).

Make solutions, fill carboy with Nanopure water.

B3 Summer Science Camp 2015 Prep Week 1

Find reagents in UNCC freezers (PCR primers, Proteinase K, RNAase A, DNA markers, Gel Loading Buffer, SYBR Safe – Taqalpha-1, MseI, DNA Ligase, Kapa HiFi PCR kit – any other things sent to/stored at UNCC)