

## Watch Out!

1. Be careful when using the Bunsen burner! Always know where the burner is located on the benchtop. Make sure your hair is secured with a scrunchy or rubber band. Turn the burner off when not in use.
2. Loops are very hot when flamed. Do not touch the loop. It will burn.
3. When moving agar blocks out of the NaOH solution wear gloves or make sure you are wearing your safety goggles.
4. Slice the potato carefully. Make sure you can see all of your fingers before slicing into the potato!
5. Lighting is an important consideration when viewing slides in this module. It is better to start out with lower light and then adjust the light to brighter settings. For example, in the tonicity lab using red blood cells, the rbc's are not stained and can easily bleach out in bright light. Start with the condenser half closed and adjust the light as needed.
6. When using dialysis tubing it is essential to make sure the tubing is not leaking. If blue color is escaping from the sealed ends of the tube, you must start again. While the tubing is pretty tough, it is possible to tear the tubing so handle it gently.
7. In the dialysis tubing activity, read the directions before pouring the solutions. Glucose and starch go into the dialysis tubing. Iodine goes into the water in the beaker NOT into the dialysis tubing.
8. Adding dye to the Petri dishes can be challenging. You want the dye to go into the wells not onto the plate. Your instructor may provide the class with a pipette to facilitate loading the wells properly.
9. For activities that require water baths, make sure you are using the appropriate temperature bath for the activity you are doing.