General Procedures for Operating LabQuest2:

1.) Power on the device
2.) Check network connections and email setup:
   
   **Network Connection:**
   i. From the Home menu select “Connections”. Make sure you’re connected to Chemlab. If you’re not connected to Chemlab, follow the next steps to get connected.
   
   ii. Select “Join other Network”, type in “Chemlab” in the SSID box, click “Connect”.

   **Email Setup:**
   i. From the “Connections” window select “Email”
   ii. Enter “psa.ps.uci.edu” in the Server box
   iii. Uncheck “Use TLS”
   iv. Enter your UCI email address into the “From” box
   v. Click “Ok”
   vi. Follow the above steps to change the “From” information each time the sender changes.

3.) Connect any lab equipment to the device; the window for the measurement should automatically pop up. If it does not, select “LabQuest App” on the homescreen.

4.) When you are ready to begin the run, press the play button in the lower left hand corner of the display. To watch the collection process select the button.

5.) When the run is done, press the stop button at the lower left hand corner.
6.) For each subsequent run, press the play button to begin. Make sure you keep each run in the memory. An option will be shown on the right-hand side of the screen to select the plot to view. This can be set for either individual viewing of all together on the same plot.

7.) At the top left hand corner, you will see the words *File, Graph, and Analyze*. These commands give drop down lists allowing for saving your data, setting the parameters of your graphs, and fitting curves to your plots.

8.) The upper right hand corner has 3 additional icons: . These serve to view the data table for the plots, access your lab procedures, and write notes during the experiment that can be saved and accessed remotely at a later time.

9.) When you are done with your device, make sure your data is saved. To save your data via USB: Plug in your USB to the device, click on “File”-> “Save” -> click on the icon of a USB on the upper left corner -> name your file and click save. To transfer data from the LabQuest2 in to your computer and open LoggerPro, a window should pop up asking if you’d like to transfer the data.

10.) From the “File” menu at the top left of the screen, you can also select e-mail and send the files directly to your ELN.

11.) When finished, disconnect the sensors and power off the device.