Specific Heat and Latent Heat Notes

When you are mixing Ice cubes or lead shot with water you want to wait till the graph levels out before measuring the temperature. This is because the probe is highly sensitive, unlike a mercury thermometer. When the probe is first put into the water with the lead shot or ice it will measure the instantaneous temperature in the lead or ice, not the temperature of the water.

To find the high in the level area of the graph with LabQuest: Highlight the level area by dragging the stylus across the screen. Next go to analyze and go down to statistic this will cause a textbox on the right hand side to appear with high, low and average to appear.