

**Science Lesson Pre-conference Checklist**  
**Leah Franco per Video—MTTC 1001**  
**Completed by Linda Cross, October 18, 2003**

<b>Indicators</b>	<b>Check when noticed</b>	<b>Dialogue Tracking</b>	<b>Suggestions &amp; Comments</b>
Illustrated how to connect LabPro interface to computer hardware.	☆	Demonstrated how to hook up USB connections. Lab Pro played a little song when connected. Discussed using InFocus device. Leah taking lead on technology and mentee knows what she want to happen on experiment—just needs help setting it up and understanding software.	Leah keeps a very positive attitude as some adjustments and troubleshooting has to be done along the way.
Illustrated how to locate and open program.	☆	Double-clicked LabPro icon on desktop.	Leah created a desktop icon to make the software easy to open.
Illustrated how to start the software.	☆	Go into Physics with Computer / carts...#19 Momentum	I was thinking that you should write down the path to the experiment, but ya'll thought of that also.
Noted that the software detected the motion sensor.	☆	Yes—it played a little tune.	
Illustrated setting the data collection parameters.	☆	Tried several different setups of carts and length of track and sensors to see what worked best. Had to do some troubleshooting here. Very persistent ladies. Got out the manual and read it out. Finally figured out there was interference with the motion detector sensors. Made adjustments.	Leah very supportive to keep mentee from getting too frustrated with trying to figure out all the settings. Every question was answered either by looking up in manual or checking pull-down menus until proper setting was found.
Illustrated how to start the collection process.	☆	Mentee set up carts while Leah operated the computer. Then Leah showed mentee how to do computer side.	Team effort brings on success.
Observation of computer software as it collects the data.	☆	Decided to adjust the y-axis scale to make graph easier to read.	Leah uses questioning techniques to determine exactly what the mentee is wanting to discover in this experiment.
Troubleshooting as the software	☆	Blue cart working/ red not & vice versa until problems with sensors	Mentor & mentee worked as a team with different

the software collects data.		versa until problems with sensors and graph scale were worked out.	a team with different expertise to figure out the problems. Leah modeled the persistence & patience required with technology.
Illustrated the point at which the collection process is completed.	☆		
Illustrated how to display the graphed data.	☆	Graphs were checked over and over and adjustments made until graph made sense.	Good questioning techniques and positive attitude.
Illustrated how to move to another experiment.	☆		
Illustrated how this tool will assist learning disabled students in the science labs.	☆		
Illustrated how this tool will assist gifted students in the science labs.	☆		