Lab 4 follow up:

After students have discovered the discrepancy between theory and experiment, and now need to figure out the reason:

Ask yourself:

1. What assumptions were made? If any of them were wrong, how would that affect the period?

2. Can we think of way of testing our ideas by changing either the code or the experiment?

Hint: try measuring the period with no mass hanging on the spring? What does that mean? If there is no mass, what oscillation are you measuring the period of?