Lab (Slide 31, first class)

• Reports should include:
  o Your name, experiment number, title and date
  o Names of lab partners
  o Data sheet with procedure (description of what you did), observations (what you saw happen) and measurements during the lab period. Separate from everything else.
  o Any calculations and answers to questions in the lab manual (rest of report, typed)
Punctuation (#27 class 2)

• Apostrophe (‘)
  o Contraction
  o Possession (‘s or s’)
    • Some words inherently possessive, no ‘ (e.g. theirs)
  o Never for pluralization

• Lists
  o Separate list items with commas (last one is optional)
  o If any list has a comma inside, separate items with semicolon
From Class 2, Campus

• Two different meaning of “hypothesis” used here – both are guesses, but are different types of guesses
  o #1 – your initial hypothesis about what will happen when you submerge the can upside-down
  o #2 – your hypothesis about why that happened
• #2 will be the normal meaning of hypothesis in this class
Observations and Theories

• Measurements and Observations do NOT prove hypothesis or theories!

• Example: Newton’s Laws and Einstein’s Special Theory of Relativity (theories)
  o In “classical” region, both give same answers and are consistent with all data
  o At high speeds, Newton is wrong and Einstein right
  o Do classical data prove Newton’s theory? No.