

Lab (Slide 31, first class)

- Reports should include:

Data Sheet

- 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 (‘)
 - Contraction
 - Possession (‘s or s’)
 - Some words inherently possessive, no ‘ (e.g. theirs)
 - Never for pluralization
- Lists
 - Separate list items with commas (last one is optional) item
 - 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
 - #1 – your initial hypothesis about *what will happen* when you submerge the can upside-down
 - #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)
 - In “classical” region, both give same answers and are consistent with all data
 - At high speeds, Newton is wrong and Einstein right
 - Do classical data prove Newton's theory? No.