1. Additional Resources - Lab Math Basics

Publicly available videos:

* Multiple topics
  + NIH Lab Math I: Exponents, Units, and Scientific Notation <https://www.youtube.com/watch?v=mN38q2OBJgI&t=2s>
    - Extended video (29:15) covering multiple aspects of lab math in detail.
    - Video file and PDF of slides with transcript also available.
* Scientific notation
  + <https://www.nagwa.com/en/videos/273134024168/>
    - A short (2:41), practical “how to” on moving decimal points and differentiating between positive and negative exponents. Includes one worked example.
  + <https://www.khanacademy.org/math/pre-algebra/pre-algebra-exponents-radicals/pre-algebra-scientific-notation/v/scientific-notation-old>
    - Long video (20:47) with detailed, clearly-reasoned explanations. Includes a review of exponents.
* Converting metric units
  + <https://www.youtube.com/watch?v=bnI0JPt9LZs>
    - Video (12:43) shows a mathematical and a visual way to do metric conversions. Fairly long video that refers to others in the series and includes less common prefixes.
* Dimensional analysis
  + <https://www.youtube.com/watch?v=HRe1mire4Gc>
* A short (6:14), clear video of examples of conversions between metric and other types of units using dimensional analysis (aka factor label method, unit factor method).