**2. Additional Resources – Solutions**

Useful Links:

NIH Lab Math I: Exponents, Units, and Scientific Notation

<https://www.youtube.com/watch?v=mN38q2OBJgI&t=2s>

NIH Lab Math II: Solutions and Dilutions

<https://www.youtube.com/watch?v=9totzBMvHUg>

Carolina Biological “Solution Preparation” primer:

<https://ipx.bcove.me?url=https%3A%2F%2Fwww.carolina.com%2Fteacher-resources%2FInteractive%2Fchemistry-recipes-for-common-solutions%2Ftr10863.tr%3FvideoId%3D40079167001&accountId=17907428001&experienceId=5b50f840477f8e000f65a95b&videoId=40079167001>

Practice problems with video solutions from Oregon Tech:

https://chem.libretexts.org/Courses/Oregon\_Tech\_PortlandMetro\_Campus/OT\_-\_PDX\_-\_Metro%3A\_General\_Chemistry\_I/06%3A\_Aqueous\_Reactions/6.01%3A\_Solutions\_and\_Solution\_Concentration/6.1.01%3A\_Practice\_Problems-\_Solution\_Concentration

REFERENCES to materials used in making this module:

1. The NIH videos are from: Philip Ryan PhD, Scientific Program Analyst for the Office of Intramural Training and Education, National Institutes of Health

2. The STUDENT GUIDE and QUESTION BANK for SOLUTIONS are a compilation of work modified from Andrea R. Breyer, Denise Monti, Nick T. Peters, Christy L. Fillman, and Pam L. Conner