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# SCIENCE ONLINE RESOURCES

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The primary course material for all Metropolitan Community College classes should be provided by the instructor and the resources listed below can be used to provide additional understanding of certain subjects. There are many more resources available online that can be found by doing an internet search for the desired topic. If you have any questions about additional support materials please contact your instructor.

## All Science Subjects

- **Amoeba Sisters** - <https://www.youtube.com/user/AmoebaSisters/playlists>
  - Demystify science with humor and relevance by viewing free videos, GIFs, handouts, resources, and comics. Playlist includes: water and biomolecules, cells, DNA, etc.
- **Professor Dave Explains YouTube** - <https://www.youtube.com/c/ProfessorDaveExplains/>
  - Videos on physics, astronomy, chemistry, biomedical topics, biological science, mathematics, languages, and humanities.
- **Crash Course** - <https://thecrashcourse.com/>
  - Crash Course provides educational videos that cover many science topics including [Anatomy/Physiology](#), [Biology](#), [Chemistry](#), and [Physics](#).

## Chemistry

- **Tyler DeWitt** - <https://www.youtube.com/user/tdewitt451>
  - Videos that cover chemistry topics: significant figures, scientific notation, unit conversions, density, atomic mass, VSEPR, moles, empirical formulas, and oxidation reduction.

## David Noodell –

- **MCC's CHEM 1010 Lab Assistant** - [dmnoodell@mccneb.edu](mailto:dmnoodell@mccneb.edu)
  - Can assist with many topics: significant figures, unit conversion, atomic structure, and etc. Available any day of the week from 8am-8pm. To make an appointment, send David an email with your full name, instructors name, brief description of your questions, and your best time to meet.

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## Online Resources on Multiple Subjects

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### **GCF Global** -

<https://edu.gcfglobal.org/en/topics/>  
Educational tutorials on topics including Microsoft Office, computer basics, workforce development, reading, writing, grammar, and much more.

### **HOW STUFF WORKS** -

<https://www.howstuffworks.com/>  
Infotainment website that explains thousands of topics with videos and illustrations.

### **KHAN ACADEMY**

<https://www.khanacademy.org/>  
Short technology, math, and science videos or lessons with supplementary practice exercises.

### **MCC STUDY GUIDES & PRACTICE TEST**

<https://www.mccneb.edu/Current-Students/Student-Tools/Library/Databases/Databases-Study-Guides.aspx>

Access MCCs databases with study guides and practice test.

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## Textbook Assistance

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### **OpenStax**

<https://openstax.org/>  
Free or low cost, peer-reviewed, openly-licensed digital textbooks in subjects like math, sciences, humanities and many more.