



## SCIENCE

### Math and Science Solutions

Science tutoring is in high demand and at DACC you have to look no further than MASS for help through these challenging courses. Whether you need help in Chemistry, Physics, Biology, Nursing or Anatomy and Physiology, we've got you covered!

Science tutoring will assist you in helping grasp course material. Come in for help with anything from simple questions to difficult concepts.

### Online Biology Resources

1. [Khan Academy](http://www.khanacademy.org/)

<http://www.khanacademy.org/>

This website offers helpful tutorial videos on various science subjects including biology, chemistry, and physics.

2. [Cellular Respiration and Photosynthesis](http://vcell.ndsu.nodak.edu/)

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Animations of cellular respiration and photosynthesis, and transcription.

3. [BioCoach Activities](http://www.phschool.com/science/biology_place/biocoach/)

[http://www.phschool.com/science/biology\\_place/biocoach/](http://www.phschool.com/science/biology_place/biocoach/)

Biology modules and self-quizzes

4. [Cells Alive](http://www.cellsalive.com/index.htm)

<http://www.cellsalive.com/index.htm>

Interactive modules for learning about cells

5. [MIT Online Course Materials](http://ocw.mit.edu/courses/audio-video-courses/)

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Free practice tests, lecture notes, and video lectures from MIT

### Online Anatomy Resources

1. [Get Body Smart](http://www.getbodysmart.com/)

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Animations of the major human organ systems.

### Online Chemistry Resources

1. [Periodic Table](http://www.dayah.com/periodic/)

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Interactive periodic table with links to articles about each of the elements

2. [Chemistry Explained](http://www.chemistryexplained.com/)  
http://www.chemistryexplained.com/  
An encyclopedia of information specifically for beginning chemists.
3. [Khan Academy](http://www.khanacademy.org/)  
http://www.khanacademy.org/  
This website offers helpful tutorial videos on various science subjects including biology, chemistry, and physics.
4. [General Chemistry Digital Lectures](http://www.docott.com/files.141/screencasts/)  
http://www.docott.com/files.141/screencasts/  
Video modules for general chemistry
5. [General Chemistry Starting Points](http://www.chem1.com/chemed/genchem.shtml#B3)  
http://www.chem1.com/chemed/genchem.shtml#B3  
Collection of tutorials for chemistry

### Online Genetics Resources

1. [Practice Problems A](http://www.ksu.edu/biology/pob/genetics/intro.html)  
http://www.ksu.edu/biology/pob/genetics/intro.html
2. [Practice Problems B](http://www.biology.arizona.edu/Mendelian_genetics/mendelian_genetics.html)  
http://www.biology.arizona.edu/Mendelian\_genetics/mendelian\_genetics.html  
Practice problem sets for Mendel's laws and Punnett squares.
3. [Mendelian Genetics](https://www.ndsu.edu/pubweb/~mcclean/plsc431/mendel/mendel1.htm)  
https://www.ndsu.edu/pubweb/~mcclean/plsc431/mendel/mendel1.htm  
The following is a list of helpful links and references on the topic of Mendelian inheritance.

### Online Physics Resources

1. [Physics 24/7](http://www.physics247.com/physics-tutorial/index.shtml)  
http://www.physics247.com/physics-tutorial/index.shtml  
Free tutorials on more specific topics in introductory Physics, along with some homework assistance (for a fee). Uses some Algebra.
2. [Khan Academy](http://www.khanacademy.org/)  
http://www.khanacademy.org/  
This website offers helpful tutorial videos on various science subjects including biology, chemistry, and physics.

3. [Flash Animations for Physics](#)

<http://www.upscale.utoronto.ca/GeneralInterest/Harrison/Flash/>  
Sweet physics videos

4. [Physics Classroom](#)

<http://www.physicsclassroom.com/>  
Tutorials for physics

5. [Physics Formulas](#)

[http://www.collegeboard.com/prod\\_downloads/ap/students/physics/info\\_equation\\_tables\\_2002.pdf](http://www.collegeboard.com/prod_downloads/ap/students/physics/info_equation_tables_2002.pdf)  
Physics formulas handout (opens as a download)

6. [Physics Tutorials](#)

<http://www.physics.uoguelph.ca/tutorials/tutorials.html>  
Tutorials with self-tests