

From: Jean Cottingham
Content Areas: Biology I, Chemistry, and Geometry

Dear Students,

To keep the learning process moving forward during our extended absence from school, please do the following as we wait to return to our normal face-to-face classroom instruction. This will not be a time-consuming effort, but will provide you with an opportunity for relevant exposure to our course content.

Biology I

Watch the Bozeman Science Biology videos on the 11 human body systems, blood typing, and the brain (Unit 11).

<http://www.bozemanscience.com/biology-main-page/>

Watch the Crash Course videos on the human body systems found on page one of this website. There are only nine videos.

<https://thecrashcourse.com/courses/biology>

Another way to access the Crash Course videos is through Kahn Academy. You just need to scroll through the list on video options on the left of the screen to find them.

<https://www.khanacademy.org/science/biology/crash-course-bio-ecology/crash-course-biology-science/v/crash-course-biology-104>

List the major structures and functions of each system.

- You can go to Mr. Fords Human Anatomy and Physiology videos and find slides that will show this information.
- You can also search for this information online.

The videos above are short, generally 10 to 15 minutes each; so, again, what you are asked to do should not take up a lot of your time. In fact, you will spend far less time doing this than you would in a typical school week.

Chemistry

Watch instructional videos on chemical bonding (ionic and covalent), chemical reactions, balancing equations, and acids and bases. Several websites are listed below to find information on these topics. I would like for you to review content for each topic on at least two of the sites given. When we return to school, I will review these and give you some short study guides for grades. In the meantime, please maintain a list of what you watched as well as the date and time at which you watched each video.

Brightstorm Videos – After you access a topic (e.g., chemical bonds) several videos associated with the topic will appear so that you will be exposed to the content in small segments.

<https://www.brightstorm.com/science/chemistry/>

Kahn Academy Videos

<https://www.khanacademy.org/science/chemistry#chemical-bonds>

Bozeman Science Videos

<http://www.bozemanscience.com/chemistry>

Geometry

Watch instructional videos on polygons, circles, Pythagorean theorem and special triangles, trigonometric functions, and transformations

Kahn Academy Videos

<https://www.khanacademy.org/math/geometry>

Brightstorm Videos

<https://www.khanacademy.org/math/geometry>

Math Planet

<https://www.mathplanet.com/education/geometry>

Math Help

https://member.mathhelp.com/courses/middle_and_high_school/48/chapter/6/lesson/3046?_ga=2.188248555.215887360.1584625997-342142210.1569446684