

## **SCIENCE (6 - 12)**

<https://www.biointeractive.org/>- Search for videos and interactives. There are many different topics such as antibiotics resistance, solving crimes, evolution, and more!

<https://www.youtube.com/user/crashcourse/playlists>- Crash Course Videos. They have playlists for different topics like biology, chemistry, artificial intelligence, and astronomy.

<https://www.youtube.com/user/TEDEducation/featured>- Ted Ed Videos. These are short videos on a number of different scientific topics like immune systems, viruses, different organisms, and space.

<https://phet.colorado.edu/en/simulations/category/html>- PhET simulations. These are also on a variety of topics like building atoms, physics of skating, and gravity.

<https://www.flippingphysics.com/algebra.html>- Algebra based physics instructional videos.

<https://www.simbucket.com/welcome-to-simbucket/> - Simbucket has awesome simulations on specific subjects in physics and chemistry. There are 2 parts to each simulation, the tutorial and then the quiz problems.

<https://www.physicsclassroom.com/class> Physics instructional website with example problems

<https://interactives.ck12.org/simulations/chemistry.html?referrer=simulation&simulationName=atom-builder> - This site has interactive simulations for physics and chemistry. The first part illustrates and explains the concepts and then you get to play with a specific task that is related to the concepts.

<https://www.playmadagames.com/> -The game is a great way for kids to play with atoms, molecules, and parts of the atoms. Teacher accounts must be set up before students can login to your class to play the game, but teacher accounts are free for now and it is free for the students, too.

<https://depts.washington.edu/vurchin/?view=main> - Virtual Urchin - Learn about biological concepts by investigating sea urchins.

<https://www.exploratorium.edu/explore/biology> - Explore ideas in biology, chemistry, and physics

<https://askabiologist.asu.edu/games-and-simulations> - Ask a Biologist

<https://www.amnh.org/explore/ology> - AMNH Ology Website

In these unprecedented times where change and disruption seem to dominate routine, [National Geographic](#) is navigating ways to support, nurture, and care for learners and the educators who reach them. The good news is that there are many engaging and fun ways to learn at home. We invite you to explore these collections of activities that have been curated for educators, parents, and caregivers to implement with K–12 learners.

[Read a science book](#). Here are some suggestions, but you are in no way limited to this list. Email a science teacher if you are looking for something specific.

[Become a birder](#). Start a life-long hobby that you can enjoy anywhere. It is super easy and offers many rewards.