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Free Online Academic Help

Learn almost anything for free. The Khan Academy is an organization on a mission. We're a not-for-profit with the goal of changing education for the better by providing a free world-class education to anyone anywhere. All of the site's resources are available to anyone. It doesn't matter if you are a student, teacher, home-schooler, principal, adult returning to the classroom after 20 years, or a friendly alien just trying to get a leg up in earthly biology. The Khan Academy's materials and resources are available to you completely free of charge.

Our <u>library of videos</u> covers K-12 math, science topics such as biology, chemistry, and physics, and even reaches into the humanities with playlists on finance and history. Each video is a digestible chunk, approximately 10 minutes long, and especially purposed for viewing on the computer.

<u>Practice math at your own pace</u> with our adaptive assessment exercises. You can start at 1+1 and work your way into calculus or jump right into whatever topic needs some brushing up.

PARTIAL LISTING OF TOPICS:

<u>Arithmetic and Pre-Algebra</u> The first math topic. Start here if you want to learn the basics (or just want to make sure you know these topics). After this, you should be ready for algebra. This topic includes videos from the former developmental math playlists.

<u>Algebra.</u> Conceptual videos and worked examples from basic algebra through algebra 2. Includes videos from the former algebra worked examples playlists.

Biology Covers topics seen in a first year college or high school biology course. **Chemistry** Videos on chemistry (roughly covering a first-year high school or college course).

<u>Geometry</u> Videos on geometry. Basic understanding of Algebra I necessary. After this, you'll be ready for Trigonometry.

History The history of the world (eventually)!

American Civics Videos about how government works in the United States Trigonometry Videos on trigonometry. Watch the "Geometry" playlist first if you have trouble understanding the topics covered here.

<u>SAT Preparation</u> I am going to work through every problem in the College Board "Official SAT Study Guide." You should take the practice tests on your own, grade them and then use these videos to understand the problems you didn't get or review. Have fun!

<u>Physics</u> Projectile motion, mechanics and electricity and magnetism. Solid understanding of algebra and a basic understanding of trigonometry necessary <u>Precalculus</u> Non-trigonometry pre-calculus topics. Solid understanding of all of the topics in the "Algebra" playlist should make this playlist pretty digestible.