The Khan Academy

www.khanacademy.org/about

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.

How it works for students
Students can make use of our extensive video library, practice exercises, and assessments from any computer with access to the web.

Coaches, parents, and teachers
Coaches, parents, and teachers have unprecedented visibility into what their students are learning and doing on the Khan Academy.

Our library of videos 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.

Be sure to check PRISM often as we are continuing to add to our collection of STEM resources for grades 6 – 12.

Websites

Dynamic Paper!
Need a pentagonal pyramid that's six inches tall? Or a number line that goes from -18 to 32 by 5's? Or a set of pattern blocks where all shapes have one-inch sides? You can create all those things and more with the Dynamic Paper tool. Place the images you want, then export it as a PDF activity sheet for your students or as a JPEG image for use in other applications or on the web.
illuminations.nctm.org/ActivityDetail.aspx?ID=205

Welcome to TOPS, the non-profit that is here to help kids everywhere do hands-on science with simple things.
This website has some fun sample activities you can download for free.
www.topscience.org/home.html

Engineering Go For It!
Here you will find a variety of tools to boost your students' math and science skills, enliven the classroom with engineering projects, expand your own professional horizons and stay informed. Subscribe, and a newsletter with updated features will arrive in your in-box every week.
teachers.egfi-k12.org

Science Buddies
Free Science Fair Project Ideas, Answers, & Tools for Serious Students. Teachers and parents will find helpful information as well.
www.sciencebuddies.org

Professional Development Opportunities

Explorations in Computer Science for High School Educators July6-8, 2011
CS4HS is a new effort by the School of Computer Science at Carnegie Mellon University to reach out to high school (and K-8) teachers to provide resources to help them teach computer science principles to their students in a fun and relevant way. Our goals include helping teachers explain to students the exciting possibilities available to students who go on to study computer science in college.
www.cs.cmu.edu/cs4hs/

Basic & Intermediate Moodle for Teachers – Summer 2011
The PRISM team will be offering free, five-week distance education courses on using the Moodle Learning Management System. These online classes will be fast paced and intended to develop a stronger understanding of the features in the latest version of Moodle. The exact dates will be determined early in May.
www.rose-prism.org

Project Based Learning – The Online Resource for PBL
Welcome to PBL-Online, a one stop solution for Project Based Learning! You'll find all the resources you need to design and manage high quality projects for middle and high school students.
www.pbl-online.org/default.htm

Energy, Economics, and the Environment
If you want to learn a lot, get free resources, network, and have fun, this workshop is for you! The Energy, Economics, and the Environment graduate-credit workshop offers excellent training, resources, and information to integrate the topics of energy, economics, and the environment into your K-12 classroom, and covers Indiana's academic standards. Learn from guest speakers from education, industry, government, and non-profit organizations and even go on an all-expenses-paid, action-packed overnight fieldtrip! Space is limited to the first 23 to register, so don't hesitate. Sign up today! See the flyer for more details or contact Dr. Douglas Agbetsiafa at 574.520.4208 or email dagbetsi@iusb.edu.
www.econed-in.org/workshops.asp

What PRISM can do for you!

- Easily find the perfect teaching and learning resources from our library of over 2,700.

- Save a list of your favorite resources for quick retrieval.

- Create and share lesson plans that teach your subjects utilizing your favorite resources.

- Develop online classrooms with interactive assignments, lessons, quizzes and more!

- Join discussions with students, parents, or other teachers inside chats and forums.

- Store your classroom materials online so that they are available to you from any computer.

- Reach your students more effectively by using web media for the digital age.

- Earn CRUs by completing PRISM led online Moodle course – either Beginning Moodle or Intermediate Moodle courses are available to you at no cost several times throughout the year.

- Select from free learning resources that emphasize visualization, rich context, staged-problem solving, and electronically enabled collaboration / communication.

- Augment your own dynamic presence in the classroom with teaching tools that mirror the skills needed for success in higher education and the 21st Century workplace.

*Through our strong support from the **Lilly Endowment** and others, we are constantly growing and improving. Check our site regularly to see what new resources you can use in your classroom.*

www.rose-prism.org

PRISM is a free website that provides collections of online resources for Indiana educators in the fields of science, technology, engineering, and mathematics (STEM). The primary collection of digital teaching materials is indexed according to the Indiana Academic Standards for 6th, 7th, and 8th grade and secondary education courses.