

# <u>Interesting Sites for Science</u> MECHANICS

#### Science (and more) to Music

This site offers many songs related to math, social studies, and science concepts. Science concepts include water & pollution, scientific inquiry, changes in matter, and much more. Math concepts range from order of operations to quadratic and exponential functions. After choosing a topic, you can listen to the song online, download the mp3, view lyrics, and possibly view an accompanying video.

http://www.iamlodge.com/beans/

## Quarked! - The Quarked!

The Quarked! project was conceived by Professor Alice Bean and a diverse team of collaborators at the University of Kansas in 2003 as an entertaining method of introducing the world of subatomic physics to kids and adults. They imagined a world in which every child knew about the small and abstract parts of science as well as they knew their favorite TV characters and asked "If we could spark such an interest in basic science early on, would the level of science literacy grow as the audience aged?" And "If children were exposed to the ideas of subatomic physics early, would more of them understand and even pursue the scientific challenges of the next century?"

http://www.quarked.org/

#### The story behind the science

Thirty stories spanning five disciplines help students explore the development of key science concepts through the eyes of the scientists who were involved. Supplemental resources are provided for teachers to help achieve the greatest impact from the stories.

http://www.storybehindthescience.org/

#### Symphony of Science - The Greatest Show on Earth! - The Greatest Show on Earth!

A new Symphony of Science video featuring David Attenborough, Bill Nye, and Richard Dawkins.

http://symphonyofscience.com/videos.html

You can download all the audio tracks to the Symphony of Science videos for free at <a href="http://melodysheep.bandcamp.com/album/symphony-of-science-bundle-v11">http://melodysheep.bandcamp.com/album/symphony-of-science-bundle-v11</a>. Just click the "Buy Now" button and enter 0.00 in the name your price box then click "checkout now". On the new page click "Download" and save the zip file to your computer.

SIFT ~ Mechanics. DOCX Updated: 15-Sep-12 Page 1 of 2



#### Science360 News

News from wherever science is happening, including directly from scientists, college and university press offices, popular and peer-reviewed journals, dozens of National Science Foundation science and engineering centers, and funding sources that include government agencies, not-for-profit organizations and private industry.

You can subscribe to a daily email blast for a one-stop shop source of science news.

http://news.science360.gov/files/

#### Free Science Videos

Over 600 Free Science Videos (Biology, Chemistry, Physics) from Brightstorm Science. Science help with teachers explaining concepts and sample problems.

http://www.brightstorm.com/science/

### **Finding Your Science**

Finding Your Science is a National Science Foundation video series that's all about science passion, perspective, and inspiration.

http://science360.gov/series/Finding+Your+Science/721b999b-1b3f-485a-aa29-4640e66f3fe0

## **Slinky Dropping**

Three very Cool Videos of a Slinky Dropping (and in slow motion).

http://www.youtube.com/watch?v=wGIZKETKKdw

http://www.youtube.com/watch?v=eCMmmEEyOO0

http://www.youtube.com/watch?v=oKb2tCtpvNU

Experience Zero Gravity [VIDEO]

http://www.dump.com/

SIFT ~ Mechanics. DOCX Updated: 15-Sep-12 Page 2 of 2