


21st Century Homeschooling: The Road Ahead

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A collage of three images. On the left, a young boy with brown hair is looking through a magnifying glass at a flower in a grassy field. In the top right, two US quarters are shown: the obverse side with George Washington's profile and the reverse side with the eagle. In the bottom right, a group of four children are holding hands and jumping on a grassy hill under a clear blue sky.

Some reason for caution...



The cover of Atlantic magazine, 'THE IDEAS ISSUE'. The main headline reads 'Google is Making Us Stoopid?'. Below the headline, it says 'WHAT THE INTERNET IS DOING TO OUR BRAINS BY NICHOLE LORIE'. Other headlines include 'WHY CEREAL IS BECOMING BARE...', 'AND WHY THE NEW MATHS IS THE ANSWER?', 'THE RACE FOR THE ELECTRIC CAR', and 'FUNDING & SUSTAINABLE SOCIETY'. At the bottom, it says 'Plus 150 BUSINESS WORDS OF THE YEAR'.

Digital Natives

- ▶ Born into a digital world vs.
- ▶ Digital Immigrants (anyone over 25 yrs old)
- ▶ A3 Learning
 - ▶ Anytime, anywhere, anyplace learning
 - ▶ On Demand / The end of “regularly scheduled” anything.
- ▶ End of school/college as we know it within a decade.
- ▶ Rise of homeschooling – because of flexibility



Jobs of the future

Require:

- ▶ Critical Thinking
- ▶ Problem-Solving
- ▶ Technological Innovation
- ▶ Communication Skills
- ▶ Adaptability
- ▶ Will Be Self-Employed and Work From Home

The Age of the Dart

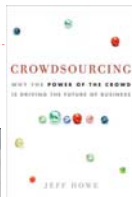
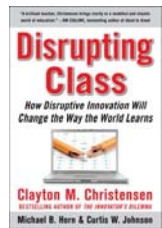


Web 2.0

READ/WRITE Applications

- ▶ Blogs
- ▶ Wikis
- ▶ Social Networking Sites
- ▶ Image sharing
- ▶ Podcasts
- ▶ Culture of Collaboration

Must read:



Popular Web 2.0 Applications

WIKIPEDIA



facebook

flickr™

YouTube

Blogger

Open Source Movement

SOURCEFORGE®
net

Open Learning Movement

WIKIPEDIA



OPENCOURSEWARE
CONSORTIUM

OPEN CULTURE



Best Courseware



Thousands of video lectures from the world's top scholars



Apps



<http://www.falstad.com/mathphysics.html>

<http://www.ies.co.jp/math/products/>



Digital (and Free) Homeschooling

▶ Google Sites



Google Docs

Before:

After:

Wikipedia writes:
 Umberto Eco (born January 5, 1932) is an Italian medievalist, semiotician, philosopher, literary critic and novelist, best known for his novel The Name of the Rose (Il nome della rosa, 1980), an intellectual mystery combining semiotics in fiction, biblical analysis, medieval studies and literary theory. Recently his 1988 novel Foucault's Pendulum has been described as a "thinking person's Da Vinci Code,"[1] and was re-issued by Harcourt in March 2007.
 Eco is President of the Scuola Superiore di Studi Umanistici, University of Bologna. He has also written academic texts, children's books and many essays."

Google Scholar

Ecology and Evolution of Darwin's Finches - all 5 versions »
 PR Grant - 1999 - books.google.com
 Copyright © 1988 by Princeton University Press. Published by Princeton University Press, 41 William Street, Princeton, New Jersey 08540. In the United Kingdom: Princeton University Press, Chichester, West Sussex, England ...
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Hybridization of Bird Species - FindIt@PUL - all 4 versions »
 PR Grant, BR Grant - Science, 1992 - sciencemag.org
 Hybridization, the interbreeding of species, provides favorable conditions for major and rapid evolution to occur. In birds it is widespread. Approximately one in ten species is known to hybridize, and the true global incidence is ...
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Unpredictable Evolution in a 30-Year Study of Darwin's Finches - FindIt@PUL - all 14 versions »
 PR Grant, BR Grant - Science, 2002 - sciencemag.org
 Evolution can be predicted in the short term from a knowledge of selection and inheritance. However, in the long term evolution is unpredictable because environments, which determine the directions and magnitudes of selection ...
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Connect to Princeton's FindIt@PUL

Resource With FindIt@PUL

Other tools I use

Information and Inspiration for Innovative Teaching in K-12 Schools
 THE GEORGE LEVING EDUCATIONAL FOUNDATION

Kids Learn Better With a Song in Their Hearts
 Do you recall the multiphase habits, grammatical forms, or technical observations through "Song education" that are exciting both young students learning not only notes but, but more effective and long lasting. When you wish to inspire your students, take time to make the lyrics, pitch the melody, or have as the basic tool and "tone of" as song, not just a song, but a song that is meaningful and how to discuss the right answer for the school or classroom.

Promethean Planet

Themed Resources

Our Themes section includes compilations of thematic, seasonal topics, activities and articles of interest in a particular month or topic.

Themed by Category

- Black History
- French
- Writing & Vocabulary
- Animals

To see how Promethean has been ranked, simply scroll down to Planet and you'll find the feedback on the page.

Additional Themes

Our list of resources for geography has also been revised. You'll find some great new resources on maps of world activities.

Class
This list of resources for geography has also been revised. You'll find some great new resources on maps of world activities.

Black History
This year's activities about the history of Black people and their role in the world are a great resource for your classroom.

English as a Second Language
This collection has an array of activities of resources for teaching ESL students in your classrooms.

Spanish
LIFE! These great videos in Spanish give you some ideas for using the internet in your Spanish lessons.

► [View Complete List of Themes](#)



Animals

Expand the world of Planet with the focus on animals. You'll also discover top rated resources such as frog, sheep, intelligence & animal research.

► [View List](#)



Writing and Vocabulary

Encourage students to improve their writing by expanding their vocabularies. Read just the guides, ideas and other resources that will get students excited about school.

► [View List](#)



French

Celebrate all things French with new resources for the French speaking language, food, historical figures, events and more.

► [View List](#)



Black History

Find resources and ideas to teach your students about the history of Black people through the Civil Rights Movement and more.

► [View List](#)



Literature

Explore complete book sets and individual titles with resources from the books. Looking for more? Visit us on the Planet, A Global Cafe.

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