Resource Review

Type of resource being reviewed: Book w/ online resources

Title: Biotechnology in the High School Classroom

Publisher: ____________________ Date of publication: 2010
Or URL or App Name: ____________________

Brief Description of Resource:

Book focuses on suggestions and protocols to develop a biotech curriculum for teachers. Topics include: 
set up, equipment, and supplies with order info.

Protocols & suggestions - Gel electrophoresis preparing competent cells for transformation, DNA Purification.

Protocols - Phage hunting, affinity purification of His-tagged proteins, etc.

Grade level:
(check all that apply)

☐ K - 5 ☐ 6 - 8 ☐ 9-10 ☐ 11-12 ☑ College ☐ Professional Development
☐ Other ____________________

Your personal critique of resource:

Advanced biotech lab techniques, not the intro - gets into specifics necessary for teachers to actually run the lab.

Name of reviewer: Phil Allen Date: 7/27
Resource Review

Type of resource being reviewed: Book

Title: Violinist's Thumb - Sam Keen

Publisher: Little Brown Date of publication: 2012

Or URL or App Name:

Brief Description of Resource:

Excellent way to read up on the real side of scientific discovery using genetics as a topic.

Grade level:
(check all that apply)

☐ K - 5 ☐ 6 - 8 ☐ 9-10 ☐ 11-12 ☐ College ☐ Professional Development

☐ Other ________________

Your personal critique of resource:

Great insight into the human side of science. Students see that science discovery can be somewhat haphazard but also fascinating.

Name of reviewer Jim Christian Date: 7/27/15
Resource Review

Type of resource being reviewed: Website/App

Title: Remind.com

Publisher: Date of publication: 2014
Or URL or App Name: remind.com

Brief Description of Resource:
Text your students safely
you never see their # they never see yours.
you can sign in as teacher/student/parent
Can not text single student! No grooming

Grade level:
(check all that apply)
☐ K - 5 ☐ 6 - 8 ☐ 9-10 ☐ 11-12 ☐ College ☐ Professional Development
☐ Other

Your personal critique of resource:
AWESOME
I use it every day

Name of reviewer: Alia Lavin
Date: 7/27/15
Resource Review

Type of resource being reviewed: Book

Title: Teach With Your Strengths

Publisher: Gallup Date of publication: 2005
Or URL or App Name:

Brief Description of Resource:
Professional development book on best-practice type teaching. Pushes emphasis on identifying what you do well as a teacher, and enhancing those skills rather than focusing on your skill deficits. Includes an online skill inventory assessment.

Grade level:
(check all that apply)
☒ K – 5 ☐ 6 – 8 ☐ 9-10 ☐ 11-12 ☐ College ☒ Professional Development
☐ Other __________________________

Your personal critique of resource:
Maybe a little less useful for a very experienced teacher, but I found this invaluable to me as I started my career - it was a way for me to give myself permission to fail/be critical of my teaching as a positive spin.

Name of reviewer Jonathan Lumbier Date: 7/26/15
Resource Review

Type of resource being reviewed: **Book**

Title: **Hard To Teach Biology Concepts**

Publisher: **NSTA Press**  Date of publication: ________

Or URL or App Name:

**Brief Description of Resource:**
This book looks at 5 broad areas of science: flow of energy, evolution, molecular genetics, interdependence & reproduction. Each area looks at the big idea & ways to teach the different concepts or ideas to use to teach the concept.

Grade level:
(check all that apply)
☐ K – 5  ☐ 6 – 8  ☐ 9-10  ☐ 11-12  ☐ College  ☐ Professional Development  ☐ Other

**Your personal critique of resource:**
I think anything that presents multiple ways to teach a topic is worth looking at & using. This book supplies a ton of frameworks.

Name of reviewer: **Joesel Dezellem**  Date: **7/27/15**
Resource Review

Type of resource being reviewed: Chemistry Book

Title: The Joy of Chemistry

Publisher: Prometheus Date of publication: 2010

Or URL or App Name: Booktops

Brief Description of Resource:

A book about making chemistry interesting and easy to do at home. Provides detailed descriptions of what to do and why it does what it does, with some history/ background sprinkled throughout.

Grade level:
(check all that apply)

☐ K - 5 ☐ 6 - 8 ☐ 9-10 ☐ 11-12 ☑ College ☐ Professional Development
☐ Other

Your personal critique of resource:

- Very interesting and easy to read.
- May not be super applicable to the classroom all the time, but could provide enhancement to the classroom.
- Covers a very large range of topics.

Name of reviewer: Sadie Marshall Date: 7/24
Resource Review

Type of resource being reviewed: book

Title: Survival of the Sickest

Publisher: Harper Collins Date of publication: 2007

Brief Description of Resource:

The author looks at several diseases and why it may have been beneficial to have had said diseases in the past.

Grade level:
(check all that apply)

☐ K-5 ☐ 6-8 ☐ 9-10 ☐ 11-12 ☐ College ☐ Professional Development

☐ Other __________________

Your personal critique of resource:

Seems interesting take on the evolution of diseases. Like an
I have only read the first chapter so far, but will continue reading this summer.

Name of reviewer: Margaux Isaman Date: 7/27/15
Resource Review

Type of resource being reviewed: Book

Title: A Bee in a Cathedral

Publisher: Firstfly Date of publication: 2011

Or URL or App Name:

Brief Description of Resource:

You analgies about science

Grade level:
(check all that apply)
☐ K - 5 ☐ 6 - 8 ☐ 9-10 ☐ 11-12 ☐ College ☐ Professional Development
☐ Other ________________

Your personal critique of resource:

After looking through it I bought one.

Name of reviewer __________________________ Date: ____________
Resource Review

Type of resource being reviewed: Website

Title: NWABR.org Northwest Association for Biomedical Research

Publisher: NWABR.org Date of publication: __________

Or URL or App Name: __________

Brief Description of Resource:

Full plans, rubrics, resources on several topics including Bioethics, Bioinformatics, genetics testing, and HIV vaccines.

Grade level:
(check all that apply)

☒ K–5 ☐ 6–8 ☐ 9–10 ☑ 11–12 ☐ College ☐ Professional Development

☒ Other __________

Your personal critique of resource:

I did introductory Bioinformatics: Genetic testing and HIV vaccines with my students. They enjoyed these units, although some of the directions for Cn3D and BLAST were a little confusing.

Name of reviewer: marie mcAllister Date: 07/17/15
Resource Review

Type of resource being reviewed: Book

Title: The GAIA Atlas of Future Worlds

Publisher: Doubleday Date of publication: 1990

Brief Description of Resource:
The book is based on the premise that the world and all of its environments and living things are in co-evolution and if one is affected, then the whole is out of balance. Aspects such as climate change, pollution, political issues, and imbalance of resources are addressed and how each one will affect the stability of the Gaia theory. Cause & effect, previous & present, & impacts & outcomes are all weighed & discussed through the lens of the Gaia theory. Ultimately ending with “Counting the Future” and what can be done to find a balance.

Grade level:
(check all that apply)
☐ K - 5 ☐ 6 - 8 ☒ 9-10 ☐ 11-12 ☒ College ☐ Professional Development ☐ Other

Your personal critique of resource:
I like the book because I feel students tend to miss or are not challenged to see the "big picture" when discussing scientific material & how interlocked all aspects of the natural world & developed world really are. Some limitations of the book include possibilities in some fields & deals only with hypotheticals. I would use the book to start the conversation & develop a larger picture thinking when we discuss concepts.

Name of reviewer  Shawn Wilson Date: 27-July-2015