Resource Review

Type of resource being reviewed: Book

Title: On the Surface of Things, Frankei and White side

Publisher: Chronicle Books Date of publication: 1997

Or URL or App Name:

Brief Description of Resource:

Frankei: Landscape photographer interested in imaging in Science

White Side: Chemist

Focused on surfaces and light that illuminate them a
t hat is what we see

Images chosen have four characteristics: Cort the eye independent of subject; non-representational; unfamiliar; current research

Grade level:
(check all that apply)

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

☐ Other

Your personal critique of resource:

Excellent. Range from water to broken glass.

Shows that surfaces are not only interesting but important in science however, they may not tell the whole story

Name of reviewer: J. de Herion Date: 23 July 2015
Resource Review

Type of resource being reviewed: Website

Title: Stickleback Evolution Virtual Lab

Publisher: HHMI Date of publication: 

Or URL or App Name:

www.hhmi.org/biointeractive/stickleback-evolution-virtual-lab

Brief Description of Resource:

This virtual lab teaches skills of data collection and analysis to study evolutionary processes using stickleback fish and fossil specimens.

Grade level:
(check all that apply)

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

Your personal critique of resource:

A great resource! Includes film, worksheets, and various other items.

Name of reviewer: Adam King Date: 7-26-2015
Resource Review

Type of resource being reviewed: App

Title: Solve the Outbreak

Publisher: CDC

Date of publication: ______

Or URL or App Name: CDC Solve the Outbreak

Brief Description of Resource:

Scenarios that are set up as a game for students to undertake an epidemiological investigation based on real CDC outbreaks

Grade level:
(check all that apply)

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

Your personal critique of resource:

I used this app with higher level 1B students, as part of a lesson on epidemiology. Each student solved a different scenario and then shared with class... mapping their progress to what they knew about. They loved it... it was not overwhelming but felt more like solving a puzzle/mystery.

Name of reviewer: Beth Gatewood

Date: ____

Group: SEP Files: "Uber SEP = Index:Summer Session:2015 1 Min Resource Review.doc 7/20/15 11:00 AM
Resource Review

Type of resource being reviewed: Web Site - YouTube Channel

Title: Crash Course

Publisher: __________________ Date of publication: _____________

Or URL or App Name: www.youtube.com/user/crashcourse

Brief Description of Resource:
A great resource if you want to play with the idea of flipping your classroom.
10-15 minute videos organized into biology, chemistry, astronomy, and anatomy and physiology. Also a lot of humanities topics too. Search by "playlist" to get videos by topic.

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

Your personal critique of resource:

Videos are fast paced and well done by John and Hank Green. Not as perfect as making your own, but a worthy substitute.

Name of reviewer Leah Van More Date: 7/25/15
Resource Review

Type of resource being reviewed: App for use in classroom

Title: Plickers

Publisher: N/a Date of publication: N/a
Or URL or App Name: www.plickers.com

Brief Description of Resource:
Plickers are an alternative to clickers when you don't have technology easily available in your classroom. You need one smartphone (yours) + a class set of cards. Students orient the cards for the multiple choice project of choosing. You scan the room w/your phone & you get instant feedback.

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

Your personal critique of resource:
It is very easy to use (easier than it sounds) & is awesome if you don't have a class set of computers, etc., to be able to use Khan...t.

Name of reviewer Maggie Lewis Date: 7/24
Resource Review

Type of resource being reviewed: Internet Quiz Website

Title: Quizlet.com

Publisher: Quizlet Date of publication: NA

Or URL or App Name:

Brief Description of Resource:

We use to build I.D. or matching more flashcards

Grade level:
(check all that apply)

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

☐ Other ________________

Your personal critique of resource:

Great for Cell Review & my vet science I.D.

Name of reviewer: Longie Hall Date: 7-27-15
Resource Review

Type of resource being reviewed: A Short History of Nearly Everything

Title: Bill Bryson

Publisher: Date of publication: 2008

Or URL or App Name:

Brief Description of Resource:
Bryson is a travel writer who, as he says, got to the age of 40 and didn't know how the world worked. He spent some time figuring out. This book goes through every topic from how 17th century scientists determined the size of the Earth, to the amateur astronomer in Australia who is able to spot a supernova before digital cameras.

Grade level:
(check all that apply)

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

☐ Other ____________________________

Your personal critique of resource:
Bryson is an excellent writer and he brings that ability to this work. It is eminently readable and a great book for everyone. If I had my way it would be use in all science classrooms.

Name of reviewer: Susan Hoover

Date: 7/27/15
Resource Review

Type of resource being reviewed: Book / pdf.

Title: Stem student research handbook.
Publisher: NISTA? Date of publication: 2011
Or URL or App Name:

Brief Description of Resource:

A way to create a student lead research project/lab. From Idea to "publication" complete with handouts and grading rubrics. Easy and quick resource.

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

Your personal critique of resource:

Great resource! Can make writing a research paper obtainable for all kids if given enough time.

Name of reviewer: Ali A. Lavin Date: 7/23
Resource Review

Type of resource being reviewed: Book

Title: 75 Science Formative Assessments Page Keeley

Publisher: NSTA Press Date of publication: 2008
Or URL or App Name:

Brief Description of Resource:
PROBES- Identification of Schema misconceptions of science concepts
Can be used in many content areas, there are specific books for math too!

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

Your personal critique of resource:
Great evidence of learning for students, teachers, TPEP evidence.
Identification of student misconceptions.

Jean Simpson

C:\Users\jsimpson\Downloads\2004_Resource_Review_copy 7/25/2013 15:17 PM
Resource Review

Type of resource being reviewed: _Book_

Title: _The Wildlife Detectives_

Publisher: _Houghton Mifflin Co_ Date of publication: _2000_

Brief Description of Resource:

This book describes the case of an elk giving a detailed account that leads up to the arrest and conviction of a poacher. Between the police case there are many pictures and explanations of poaching, the scientists that work to provide evidence for authorities, why people poach, the aftermath of poachers.

Grade level:
(check all that apply)
- _K–5_  [✓]  _6–8_  [✓]  _9–10_  [✓]  _11–12_  [ ]  _College_  [ ]  _Professional Development_  [ ]  _Other_  ______________________

Your personal critique of resource:

This book would be great for a single lesson book review type assignment. If I had a large collection of similar books it would be a great lesson to give a substitute. I might also give a book review of this as a make-up assignment for a student that couldn't be made up.

Name of reviewer _Casey Pearson_ Date: _7/23/15_