

EVALUATING OER QUALITY AND COMMON CORE ALIGNMENT
A CLOSER LOOK

Sandra Stroup
AP Language Composition
Richland High School
sandeestrroup@rsd.edu

Barbara Soots
Digital Learning Department
Office of Superintendent of Public Instruction
barbara.soots@k12.wa.us

OSPI OER PROJECT

**PROPERTY OF
OPEN EDUCATION
RESOURCES
EVERYONE**

OER ARE
TEACHING AND LEARNING RESOURCES

CC BY-SA Beyond definitions <http://www.flickr.com/photos/opensourcewa/6554315179/>

CONDITIONS ARE RIPE...
COMMON CORE AND NEXT GEN SCIENCE STANDARDS

K12 OER PROJECT – ESSHB 2337

“The legislature finds the state’s recent adoption of Common Core K-12 standards provides an opportunity to develop a library of high-quality, openly licensed K-12 courseware that is aligned with these standards.”

CC BY NC Washington State Capitol – Olympia by MathTeacherGuy <http://www.flickr.com/photos/mathteacher/8411111111/>

OER PROJECT GOALS

DEVELOP AN OER REVIEW PROCESS
GENERATE A CATALOG OF VETTED OER
LAUNCH AN OER AWARENESS CAMPAIGN

MANY STATES HAVE OER REPOSITORIES
AVOID DUPLICATION OF EFFORTS

BY REVIEWING MATERIALS, WE...

- HELP EDUCATORS SELECT HIGH QUALITY MATERIALS
- PROVIDE INFO FOR MATERIALS ADOPTIONS
- IDENTIFY GAPS IN CCSS ALIGNMENT

CC BY NC SA apples by mor http://www.flickr.com/photos/mor/448820200/

IMPORTANT TO NOTE

The materials were reviewed with a specific goal of not evaluating their quality by existing standards but looking at how well they address CCSS shifts.

This review process was not intended to rank or rate the materials.

The results of this review do not represent an endorsement from OSPI as to the recommended use or adoption of the OER materials that were reviewed.

The results of this review represent a point in time in a continually evolving process of OER materials. They are intended as a resource for schools and educators, as well as content developers.

The instruments used in this review process were intentionally selected and are intended to be used in concert.

8

CRITERIA FOR OER REVIEW
UNLIMITED ACCESS AND PERMISSIONS

CRITERIA FOR OER REVIEW
MATH

ALGEBRA 1 OR INTEGRATED MATH 1

CRITERIA FOR OER REVIEW
ENGLISH LANGUAGE ARTS


UNITS IN 11TH-12TH GRADE BAND

INSTRUMENTS TO EVALUATE QUALITY

- CCSS WORKSHEET
- PUBLISHERS' CRITERIA
- EQUIP RUBRICS
- ACHIEVE OER RUBRICS
- REVIEWER COMMENTS

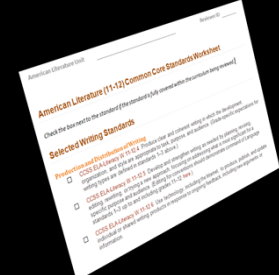
VARIETY OF RUBRICS – WHY?

EMERGING WORK WITH SEVERAL SPECIALIZED TOOLS



VARIETY IS THE VERY SPICE OF LIFE,
THAT GIVES IT ALL ITS FLAVOR
-WILLIAM COWPER

CCSS WORKSHEET




- Purpose is to help create a structured review of the materials
- Not scored
- Lists all relevant standards clusters, to check for content inclusion
- Foundation work designed to help complete the other rubrics

PUBLISHERS' CRITERIA

Publisher's Criteria for Algebra I, adapted from Math K-8	Curriculum	Notes	Reviewer ID			
			SD	D	A	SA
1. Focus on Major Work	In Algebra I (Integrated Math I), students and teachers using the materials as designed spend the large majority of their time, approximately three-quarters, on the major work of each cluster.		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
2. Focus in Algebra I/Integrated Math I	Materials focus on core topics within Algebra I (Integrated Math I). 100% of the time is spent on remedial work, not on advanced topics typically covered outside Algebra I (Integrated Math I).		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
3. Focus and Coherence through Supporting work	Supporting content (where present) does not detract from focus, but rather enhances focus and coherence simultaneously by engaging students in the major work of the course.		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
4. Rigor and Balance – Materials and tools help students meet the standards in the standards and headings.	Developing students' conceptual understanding of key mathematical concepts, where called for in specific content standards or cluster headings. Giving attention throughout the year to individual standards that set an expectation of fluency in algebra I (Integrated Math I) topics.		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>


- Provides a broad overview of curricular materials
- Integrates content and practice
- Best used with whole courses

EQUIP RUBRIC




- Measures overall quality when compared to the CCSS
- Unit-focused
- Four modules
 - Alignment to rigors of CCSS
 - Key areas of focus
 - Instructional supports
 - Assessment

ACHIEVE OER RUBRICS



- Designed to evaluate quality of digital materials
- Using a subset of entire tool
 - Explanation
 - Technological interactivity
 - Instructional and Practice
 - Opportunities for deeper learning

REVIEWER COMMENTS



- Overall synthesized comments
- Estimate of work required to bring into CCSS alignment

OVERVIEW OF RESOURCES

engage^{ny}
Our Students. Their Moment.

LEARN NC

uen

LIBRARY OF CONGRESS

ck-12

Curriki
Free Learning Resources for the World

ODELL EDUCATION

NYC Department of Education

GEORGIA

NROC
NATIONAL RESOURCE CENTER FOR OPEN EDUCATION

Humanities

readwritethink

saylor.org

Mathematics Vision Project | MVP

OPEN HIGH SCHOOL OF UTAH
OPEN COURSEWARE

EVALUATION TIMEFRAME

How long the Road is. But, for all the time the Journey has already taken, how you have needed every second of it in order to learn what the Road passes by.

Chomsky, J.

- Math: 5-9 hours per curriculum
- Each reviewer assigned 3-4 math courses
- ELA: 3-5 hours per unit
- Each reviewer assigned 8 units
- 30-40 hours total effort

SUPPLEMENTAL INFORMATION

DELIVERY OPTIONS, INSTRUCTIONAL SUPPORT, PROFESSIONAL DEVELOPMENT

CC BY-NC Chocolate Ice Cream Sundae by the Culinary Geek <http://www.flickr.com/photos/erppgbydy/1071321683/>

OER PROJECT WEBSITE

DIGITALLARNING.K12.WA.US/OER

ENGLISH LANGUAGE ARTS OER REVIEW

Photographed by Zanna

23