Canvas Commons

A LEARNING OBJECT REPOSITORY THAT ACTUALLY GETS USED?

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BY INSTRUCTURE

October 22, 2014

Today's Speakers

Jared Stein

VP Research & Education
Canvas by Instructure
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Casey Green, *moderator*
Founding Director, The Campus Computing Project
Digital Tweed blogger, *Inside Higher Ed*
Moderator, *This Week @ Inside Higher Ed* podcast
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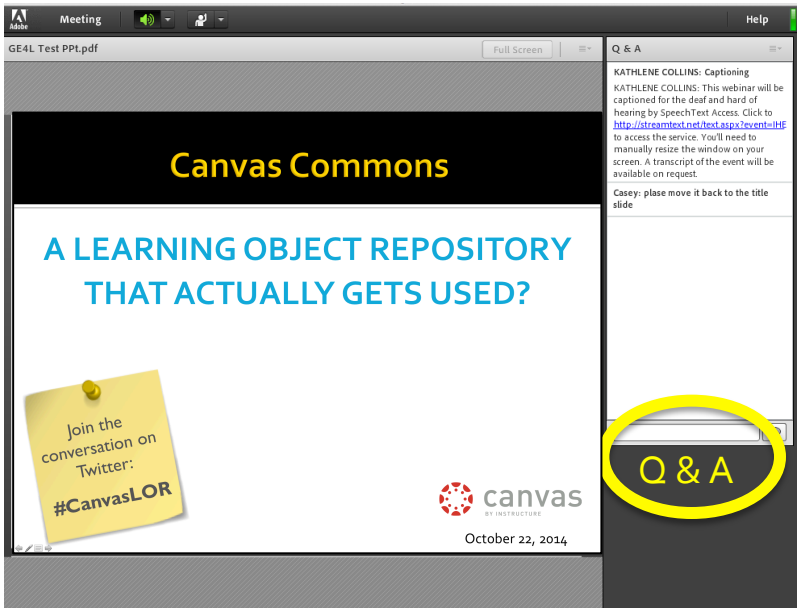
campuscomputing.net

Before We Begin

- We are using Adobe Connect. Please enter questions in the text field at the bottom of the Q&A Window. *We are monitoring the discussion and will bring the Q&A comments into the webinar conversation.*
- We will not use the "raise your hand" feature.
- We are recording the webinar; the webinar archive and slides will be available later today.



Webinar Hashtag:

#CanvasLOR

A new LOR

→» that will actually get used. «←

• • •

(From the LMS that actually gets used. Go figure.)

You may know what a LOR is, but do you know what a LOR can really, truly be?

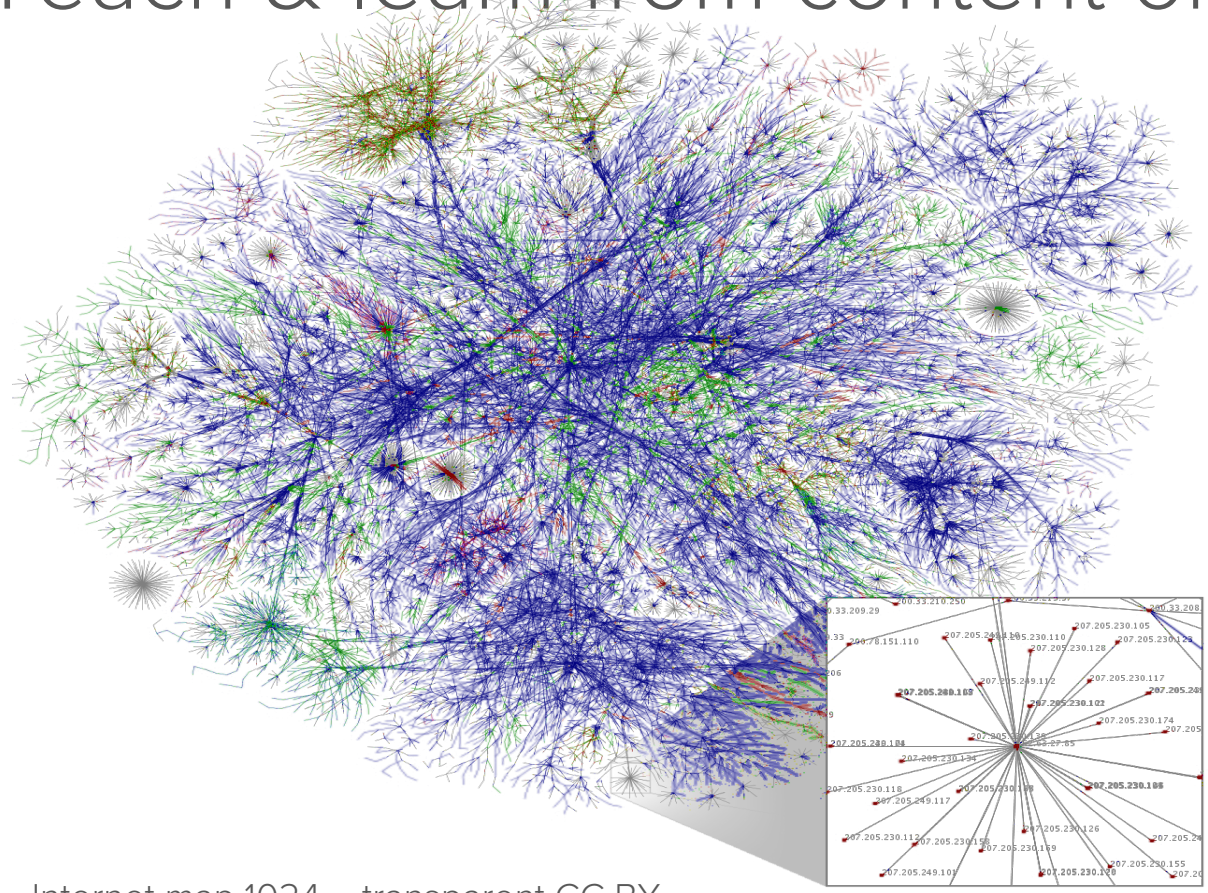
INTRODUCING

CANVAS COMMONS.

Higher Ed | K-12

Great idea:

Teach & learn from content on the web



Internet map 1024 – transparent CC BY
The Opte Project - Originally from the English Wikipedia

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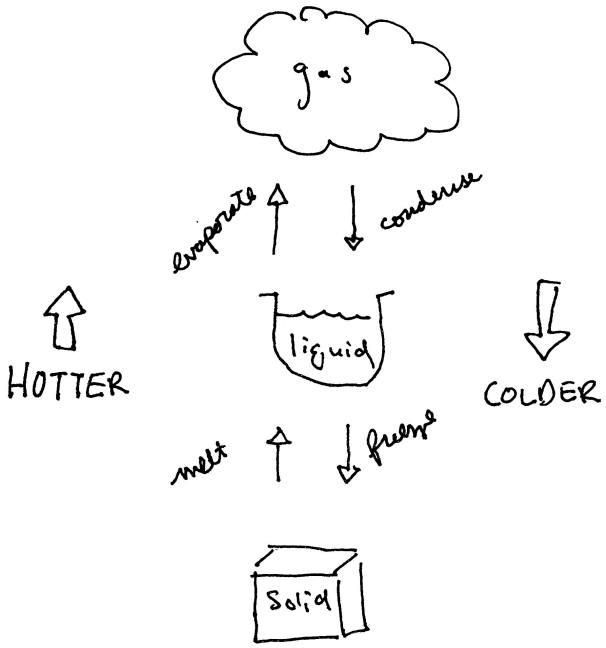
Great idea:

Teach & learn from content on the web



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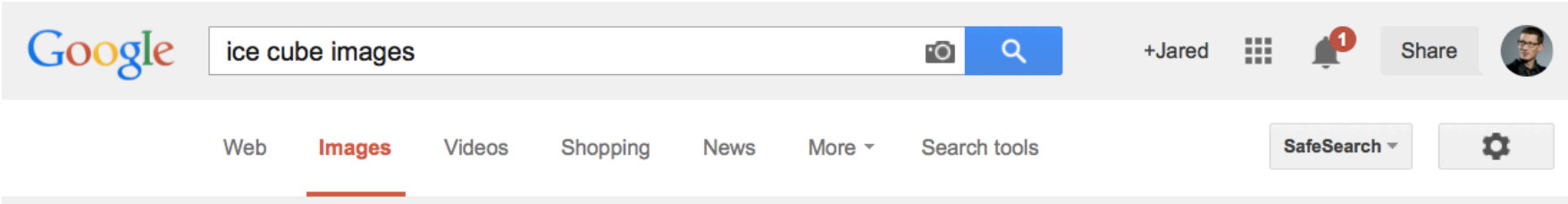

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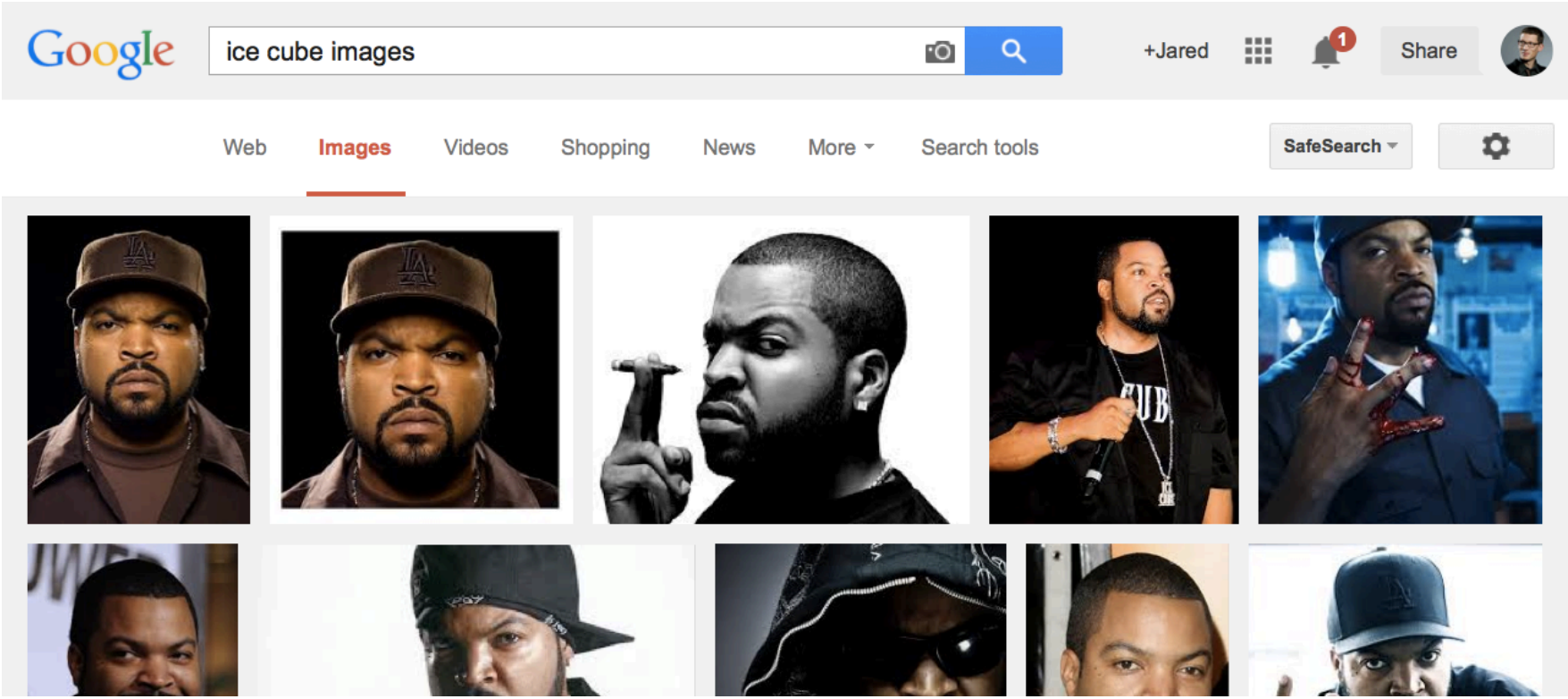
Great idea:

Teach & learn from content on the web



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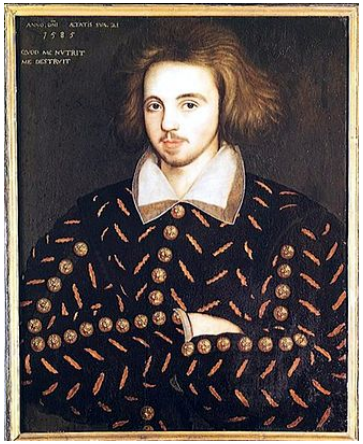
Great idea +1: “learning objects”



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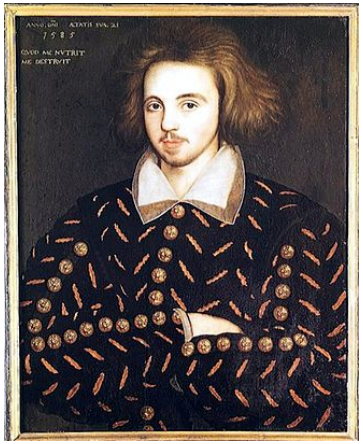
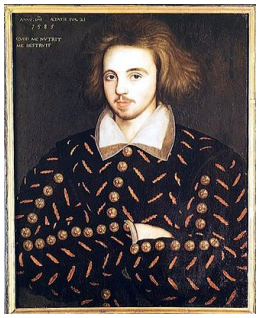
Great idea +1: “learning objects”



Arrest and Death



In early May 1593 several bills were posted about London threatening Protestant refugees from France and the Netherlands who had settled in the city. One of these, the"Dutch church libel”, written in blank verse, contained allusions to several of Marlowe's plays and was signed, "Tamburlaine". On 11 May the Privy Council ordered the arrest of those responsible for the libels. The next day, Marlowe's colleague Thomas Kyd was arrested. Kyd's lodgings were searched and a fragment of a heretical tract was found. Kyd asserted that it had belonged to Marlowe, with whom he had been writing "in one chamber" some two years earlier. At that time they had both been working for an aristocratic patron, probably Ferdinando Stanley, Lord Strange. A

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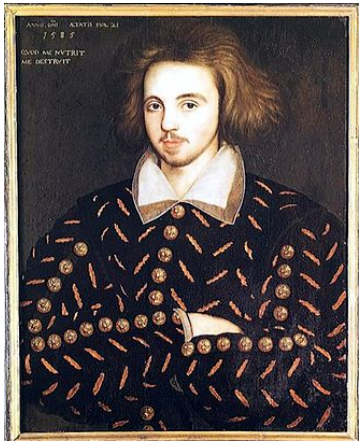
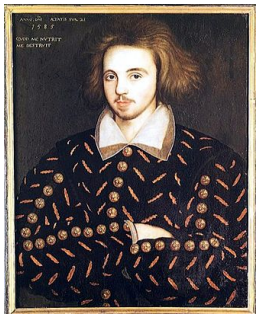
Great idea +1: “learning objects”



Arrest and Death



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- CHRISTOPHER MARLOWE
- Early Life
- Literary Career
- Dramatic Works
- Arrest and Death

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Learning object utopia

Automated course design

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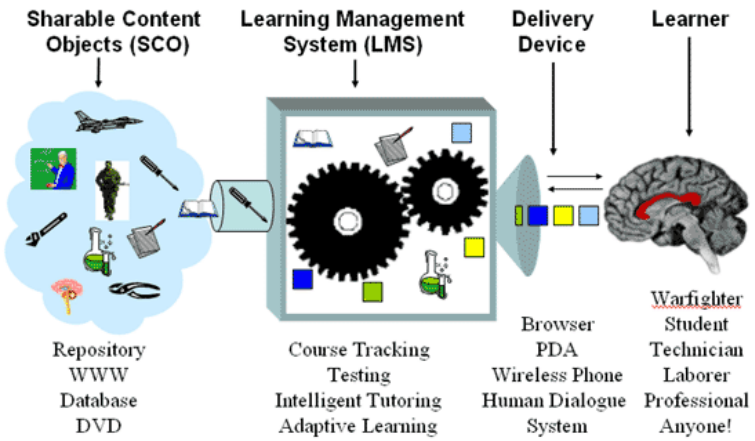
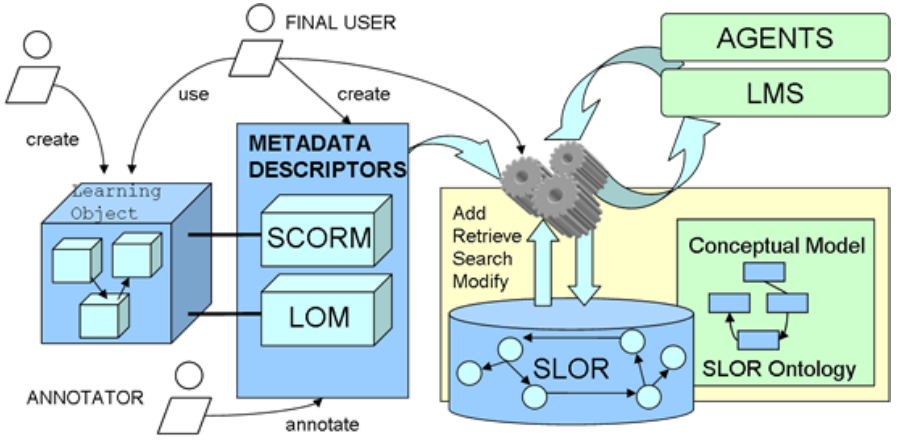
LOs in ancient history

i.e. 2001-2006



Slosser, S. (2001) "ADL and the Sharable Content Object Reference Model." MERLOT 2001.



Semantic Learning Objects Repository Working Group. (2005). A Flexible Repository. Available http://slor.sourceforge.net/slor_doc_v1.htm

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Alan Levine @cogdog · Oct 14

Apparently I woke up in 2001

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RETWEETS
3

9:48 AM - 14 Oct 2014 · Details

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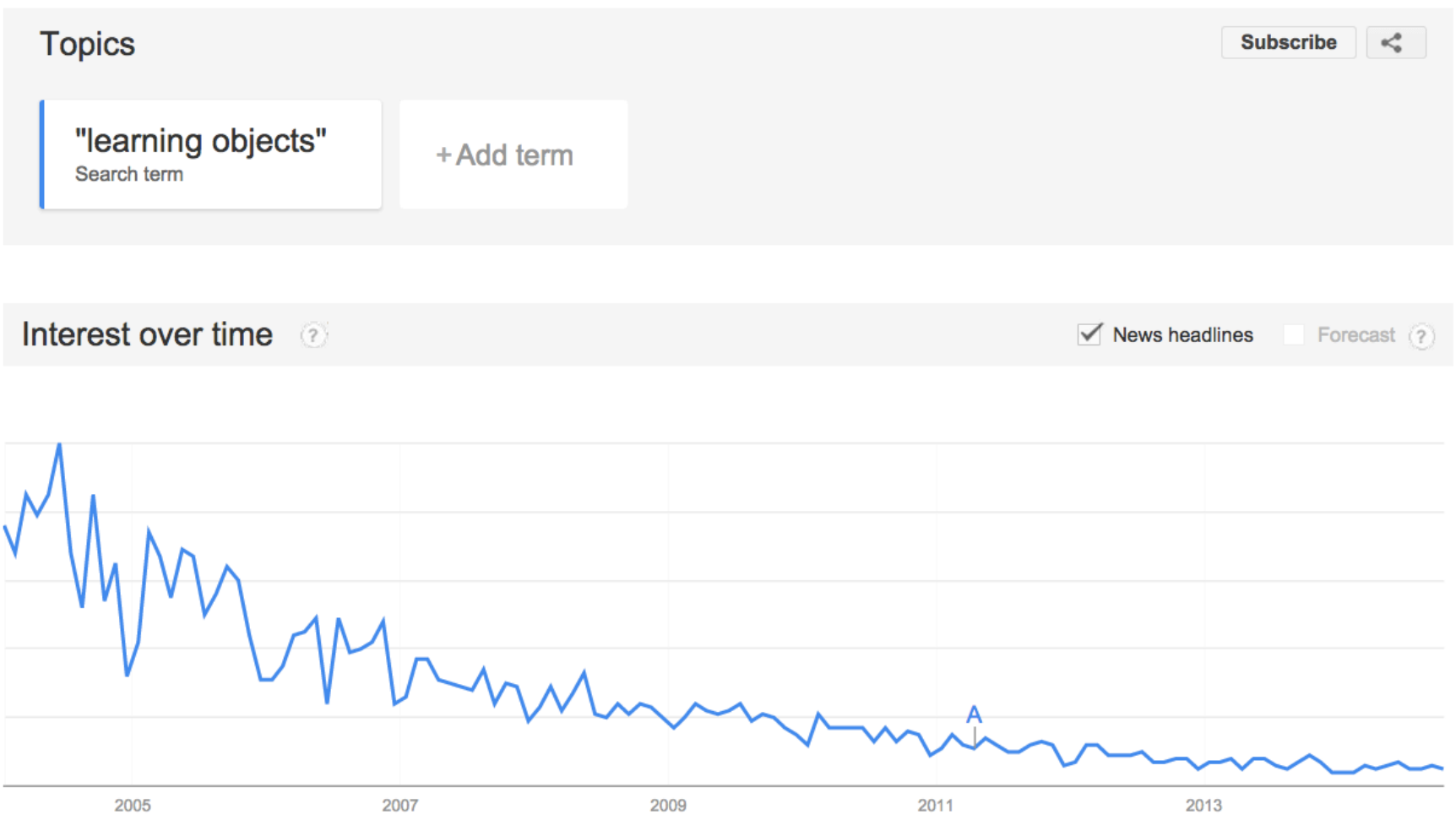
LO in 2014 = Not cool



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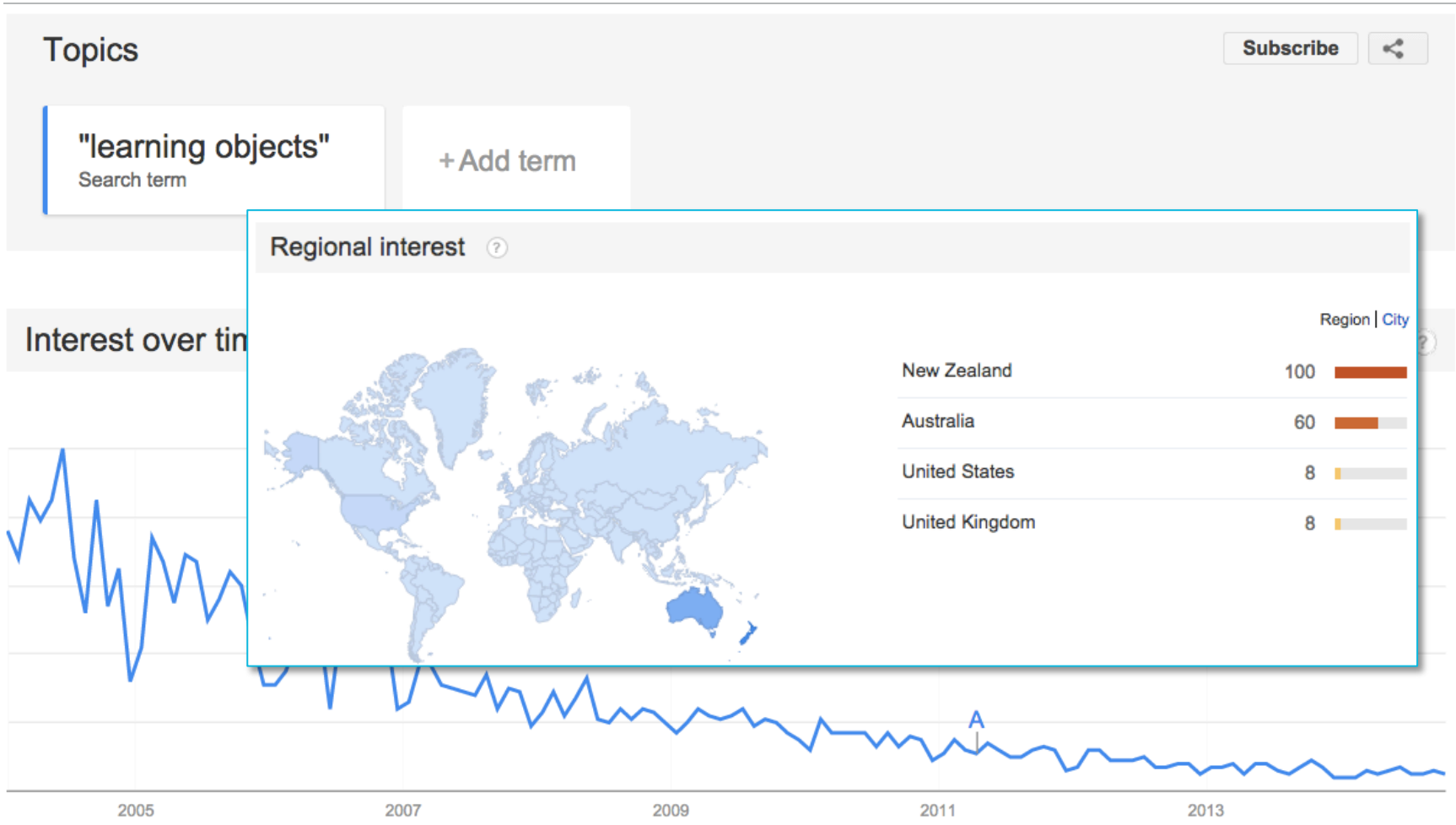
LO in 2014 = Not cool*



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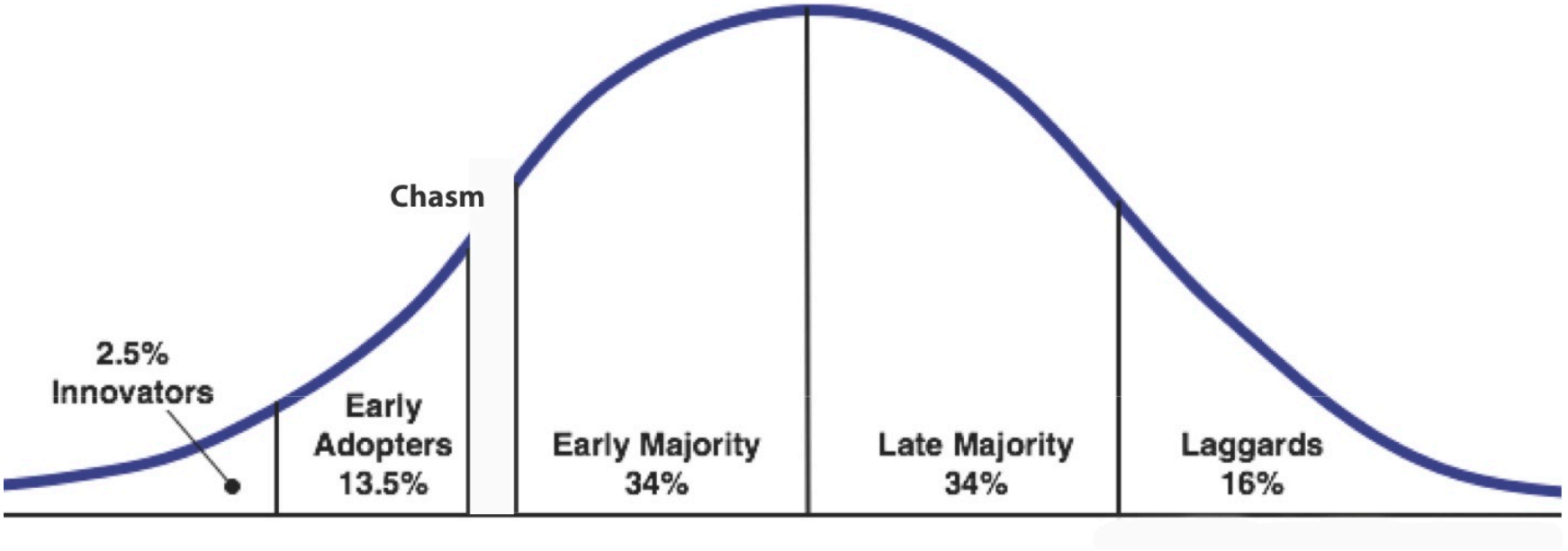
LOs didn't cross the chasm



Adapted from Moore, G. A. (1991). Crossing the chasm. Harper Business
Based on Rogers, E. M. (1962). Diffusion of Innovations. Glencoe: Free Press.

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Head of gold, feet of clay?

Feet of Clay, 1970
Neauman

Quick Poll on Learning Objects (LOs)

What is **your experience** with Learning Objects (LOs)?

1. I hadn't really heard much about LOs until today.
2. I know about LOs but haven't used them.
3. I've used LOs on a few occasions.
4. I've often used LOs to enhance course materials.
5. I routinely create and reuse LOs.

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Why do “learning objects” fail?

They don’t get used

…they’re **too hard to find**

…they’re **made wrong**

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Standards are hard

At least for most teachers and designers

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        To do remediation effectively we need a wrapper around the content that can be retried.
        The alternative would be to use a retry all rule. That would be simpler, but unfortunately
        it resets the global objectives if objectivesGlobalToSystem is false.
        -->
      <item identifier="content_wrapper" isvisible="false">
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        <item identifier="playing_item" identifierref="playing_resource">
          <title>Playing the Game</title>
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            <!--
            Every content object reads status from the global associated with its learning objective.
```

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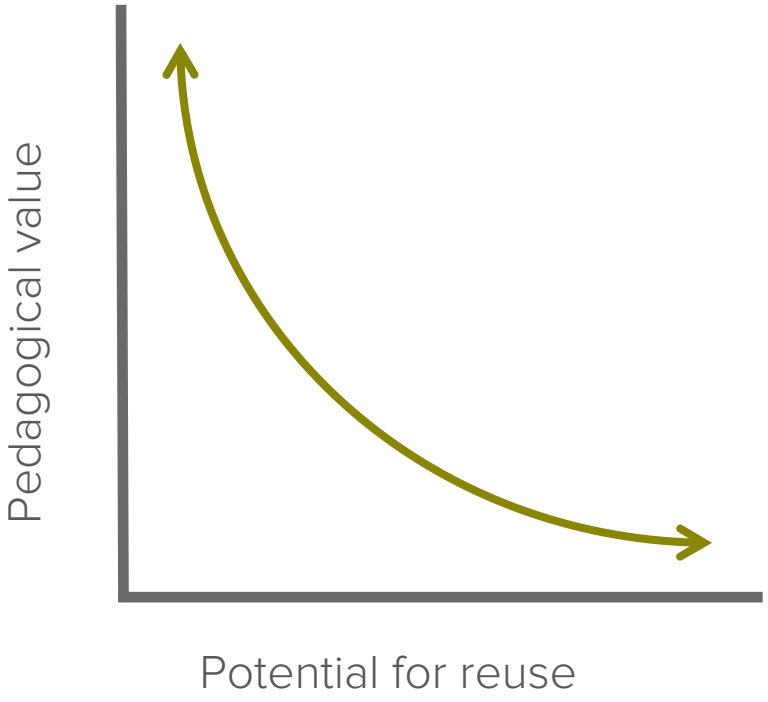
The Reusability Paradox



From David Wiley, *The Reusability Paradox*. CC By OpenStax CNX. May 24, 2013 http://cnx.org/contents/dad41956-c2b2-4e01-94b4-4a871783b021@19@19.

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Adapted from “Door Knocker of Needful Things” CC By
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creative
commons

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Revise / Remix → Recontextualize

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Way better idea: OER

Emphasizes **access** and grassroots **innovation**

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OER as open textbooks

edSurge Search Edtech Index Summits Reports NEW Jobs Events Opportunities Log In

Open Book Test: Can a Cost-Saving Measure Also Raise Performance?

23 1 Email

Eric Horowitz
Oct 20, 2014

Discussions about the future of school curricula tend to be cannibalized by the sensationalized

EdSurge Newsletters

Receive weekly emails on edtech products, companies, and

Source: EdSurge, Ed Horowitz, 10/20/2014
https://www.edsurge.com/n/2014-10-20-open-book-test-can-a-cost-saving-measure-also-raise-performance

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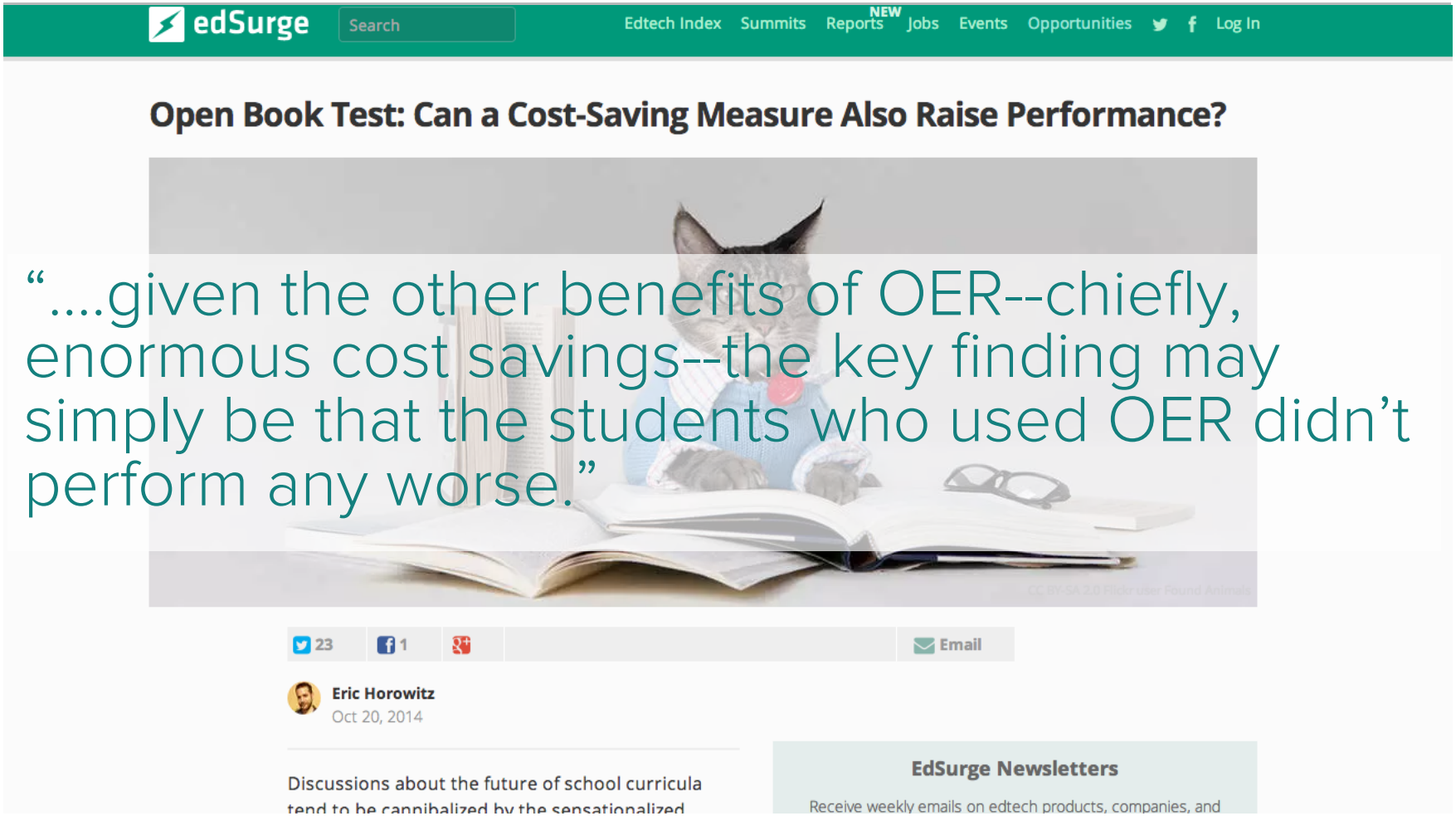
OER as open textbooks



"....given the other benefits of OER--chiefly, enormous cost savings--the key finding may simply be that the students who used OER didn't perform any worse."

Source: EdSurge, Ed Horowitz, 10/20/2014
https://www.edsurge.com/n/2014-10-20-open-book-test-can-a-cost-saving-measure-also-raise-performance

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Quick Poll on OER

What is **your experience** with Open Educational Resources (OER)?

1. I hadn't really heard much about OER until today.
2. I know about OER but haven't used them.
3. I've used OER on a few occasions.
4. I've often used OER to enhance course materials.
5. I routinely create, reuse, and revise OER.

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“OER IS NOT A PRODUCT”

It’s a way of thinking, teaching, and learning

THE WILLIAM AND FLORA HEWLETT FOUNDATION

OER AND THE STATE OF THE MOOC, *CATHY CASSERLY, 8/2014*

CC BY

OER as catalyst for innovation

"Use of OER leads to critical reflection by educators, with evidence of improvement in their practice"

OER Impact Map. (2014). Reflective practice. Available http://oermap.org/hypothesis/582/hypothesis-e-reflection/

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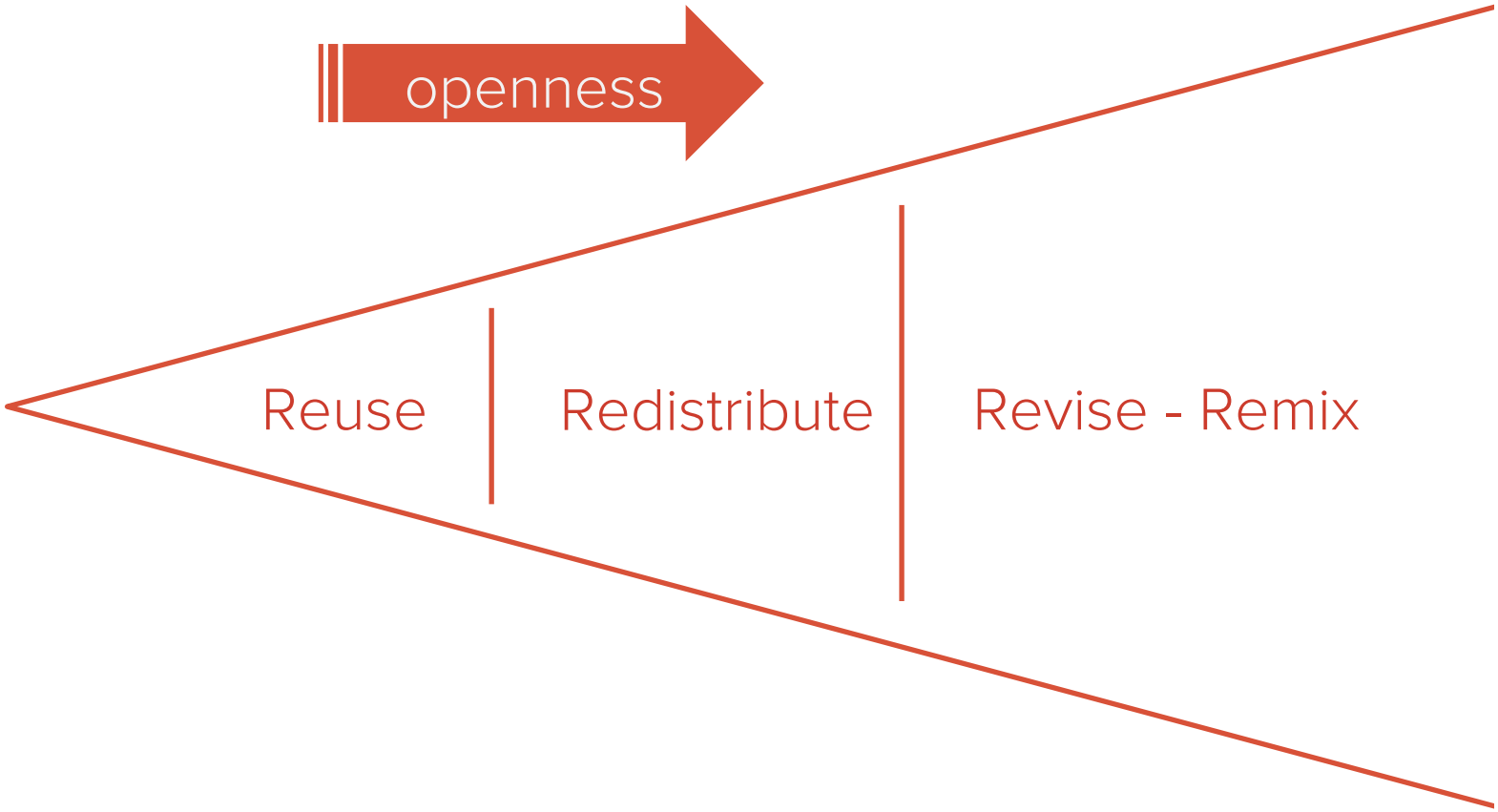
4 ‘R’s of Openness



Hilton III, J, Wiley, D, Stein, J, Johnson, A. (2010) The four 'R's of openness and ALMS analysis: frameworks for open educational resources. The Journal of Open and Distance Learning, 25:1, 37 - 44

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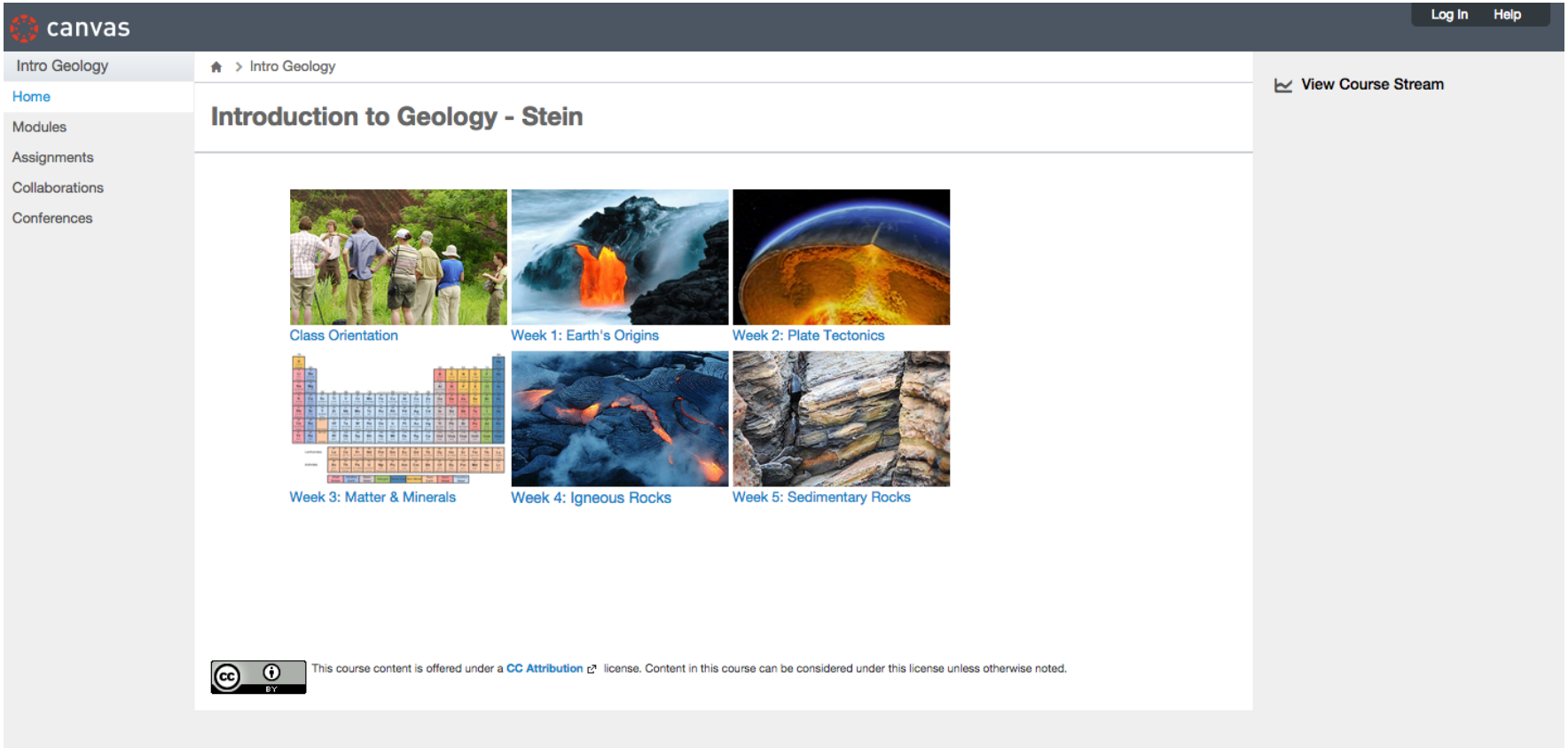
CC licenses & public courses

In Canvas since Day One



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Eric Carle The Very Quiet Cricket

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Canvas Network for open courses

canvas.net

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The “mixably” open online course

HAPGOOD

Home About

← Are conversation and customization orthogonal? Some thoughts on the Rocketship Schools announcement.

Education Analysts Have Predicted 7 of the Last 0 Mobile Revolutions →

The mixably Open Online Course (mOOC). Part I: Module Structure.

Posted on January 4, 2013

This is an off the cuff presentation of the module structure in the Psych course we are developing, which shows some of the possibilities of combining multiple OER into a course designed for institutional reuse. Part II will talk more about the mixability piece.

I started this project to in part show how easy this is for institutions to do. I found that is is not hard work, but it takes a *lot* of time to structure a semester’s worth of modules at this level. Accordingly, my impression of the value has shifted — I find it hard to imagine that a faculty member could find the time to build out something at this level on their own — and that’s a huge argument for open production and collaboration.

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Mike Caulfield on https://hapgood.us

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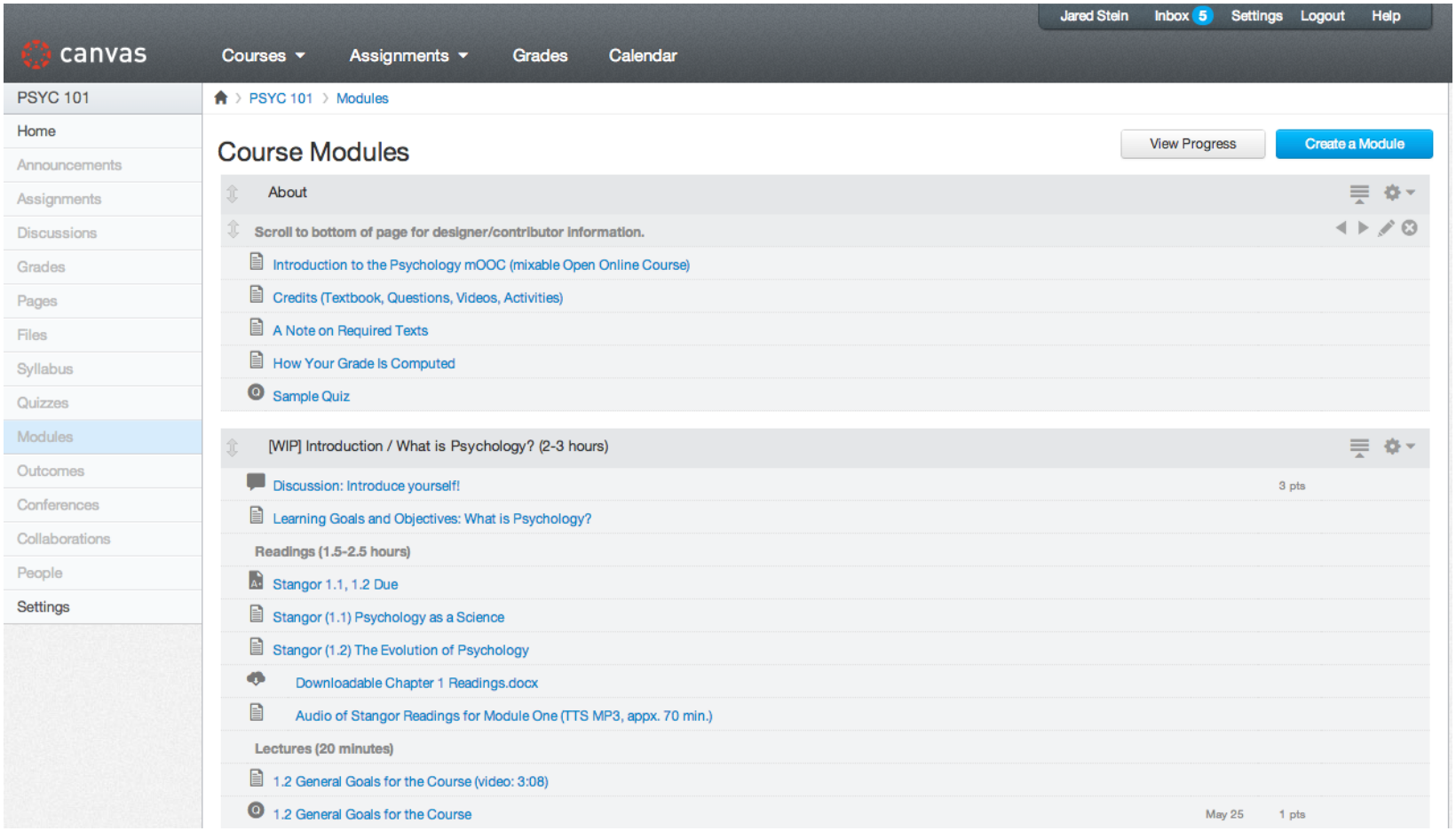
mixably open online course



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Intro Psyc on canvas.net

canvas NETWORK | Teach | Log in

Introductory Psychology

Keene State College

May 19, 2013 to **Jun 29, 2013**
Cost per student: **Free**

Enroll

- Provides video lectures
- Provides opportunities to interact with the instructor or students
- Uses discussion forums
- Contains external social networking participation or elements
- Some of your work will be assessed by peers

Tweet | Like 13

Full course description

This course is ideal for students who would like to build their foundational knowledge of the field of psychology. It also provides an introduction for anyone who is interested in the enduring understanding of the field of psychology such as:

-Psychology is the scientific study of behavior and mental processes.
-Intuition and introspection are helpful to understanding psychology, but often fail us.
-The evolution of Psychology as a discipline is one which moves from intuition and introspection towards a more scientific approach.
-Different schools of Psychology investigate different aspects of the effects of environment and biology on behavior; there is no one "right" approach.

Learning objectives for this course are:

1. To identify theoretical underpinnings of the major areas of psychology, including cognition (thought

Larry Welkowitz
Professor of Psychology

Dr. Lawrence Welkowitz has been a leading practicing clinical psychologist, professor, director of clinical psychology programs and author for nearly three decades. He was previously founding Clinical Director of the Behavioral Medicine Program at Columbia University's Medical School in New York.

MORE

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Whither OER reuse?

e.g. Alan Levine on cogdogblog.com

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Quick Poll on Sharing Resources

Does your institution encourage faculty to share curricular resources with

1. Departmental colleagues
2. Within the institution
3. With others off-campus /within the world
4. Not at all –no effort to foster sharing of curricular resources

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Canvas Today

Institutions on Canvas: 1,014

Unique users: 16M+

Taught courses: 1.3M+

Data managed: 1.5PB

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Canvas Commons

Finding: Conspicuous

Authoring: Easy (Canvas)

Sharing: Encouraged

Revising / remixing: See above

Objects: Learning *activities*

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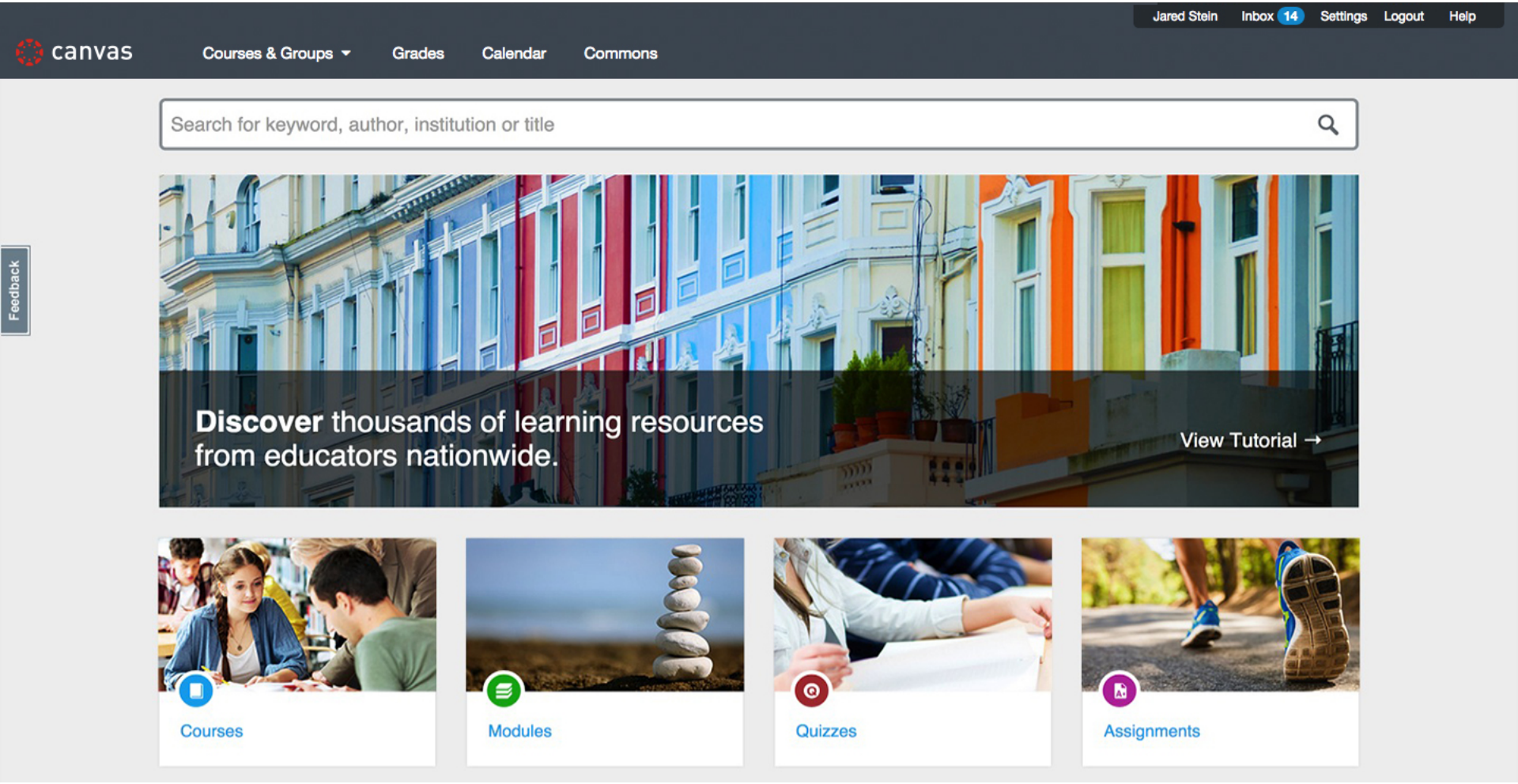

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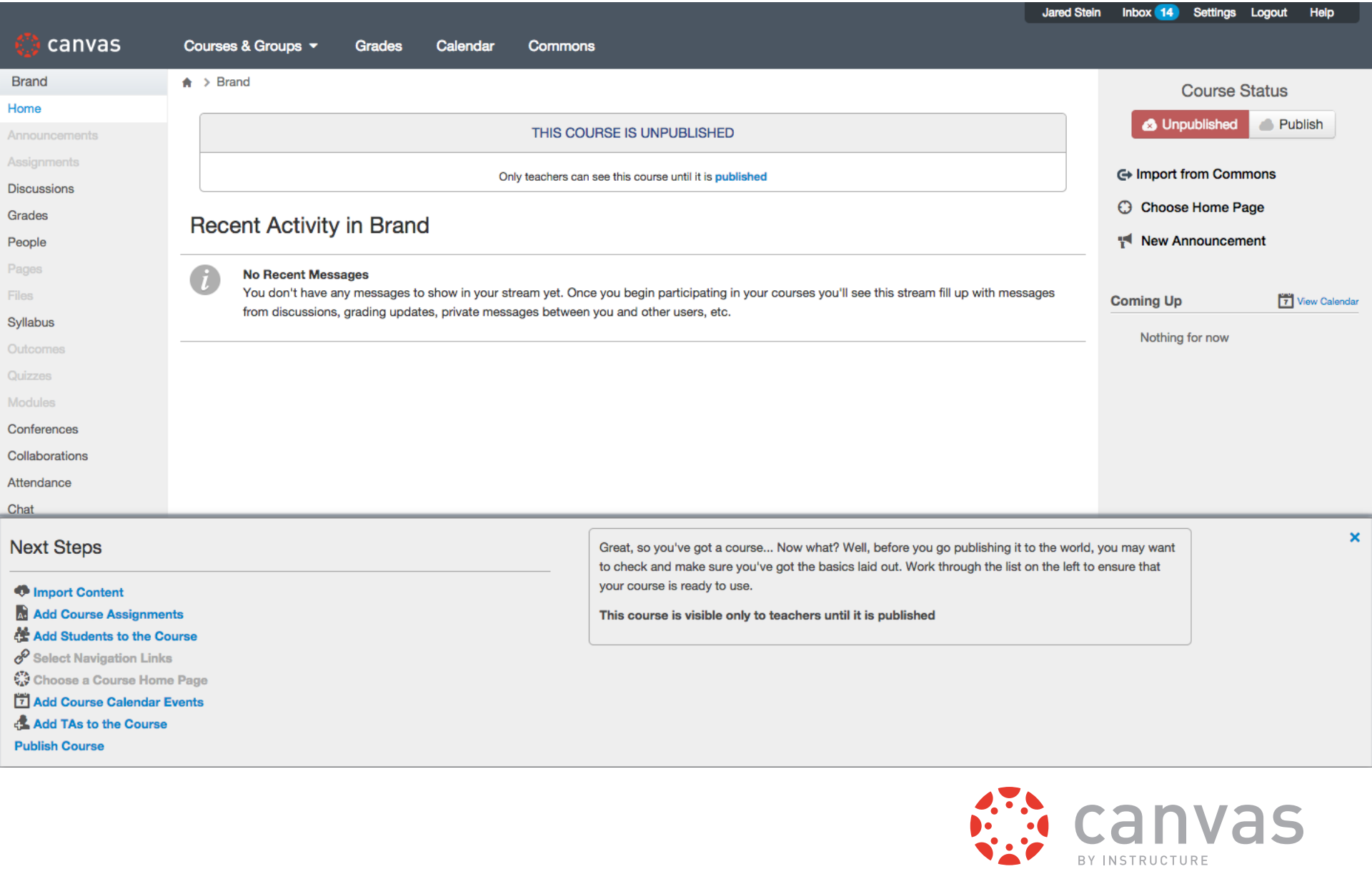

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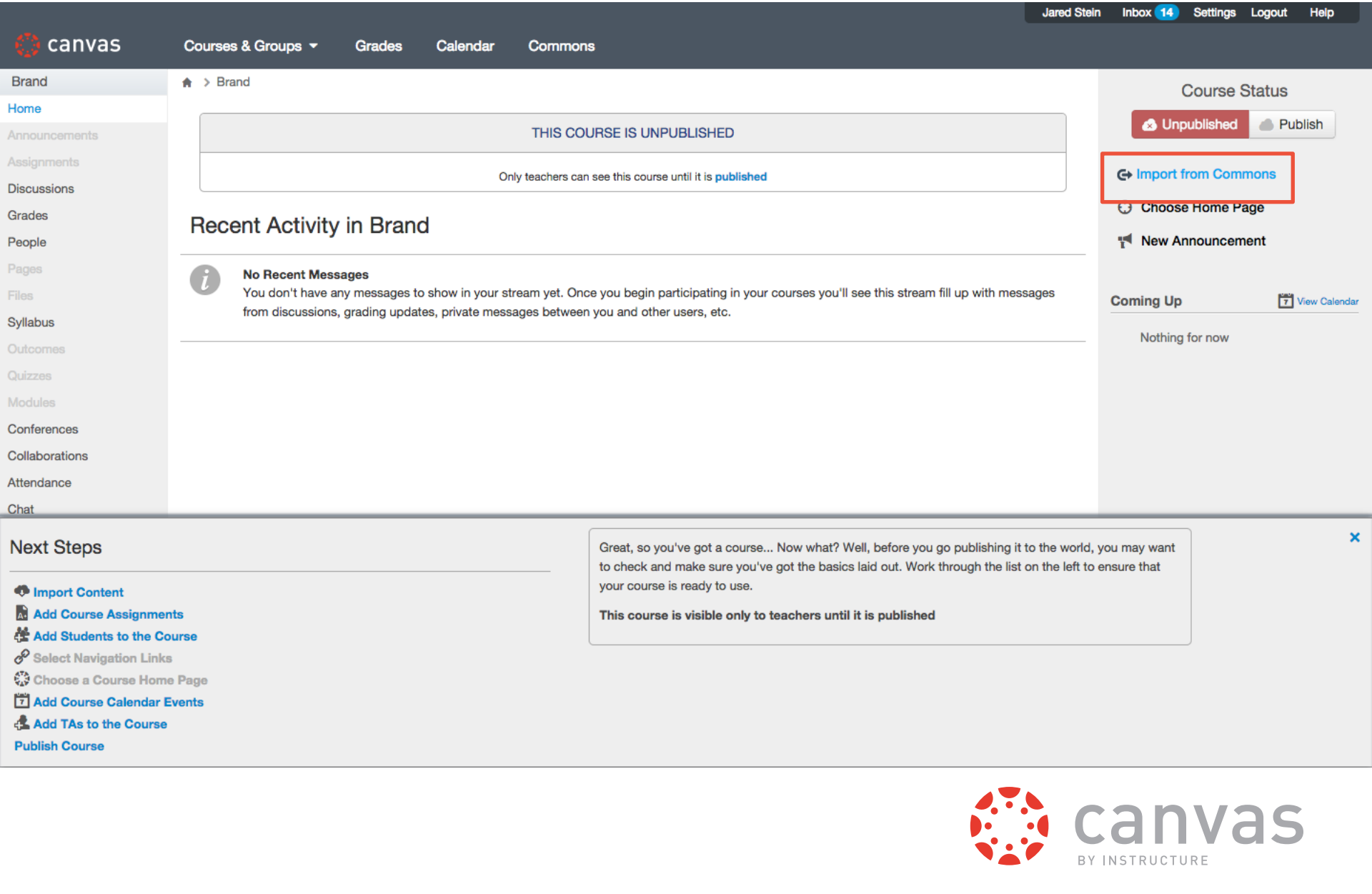

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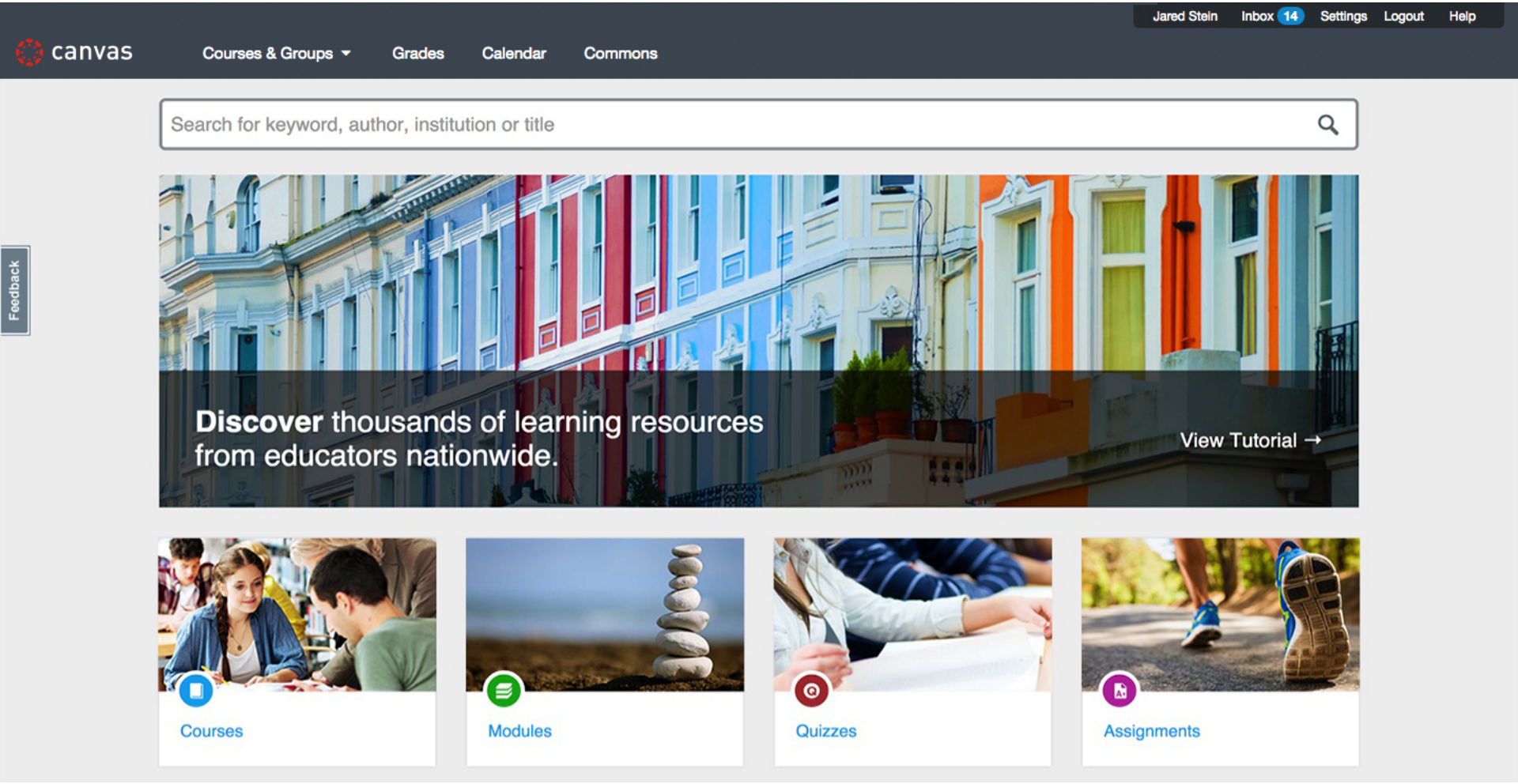

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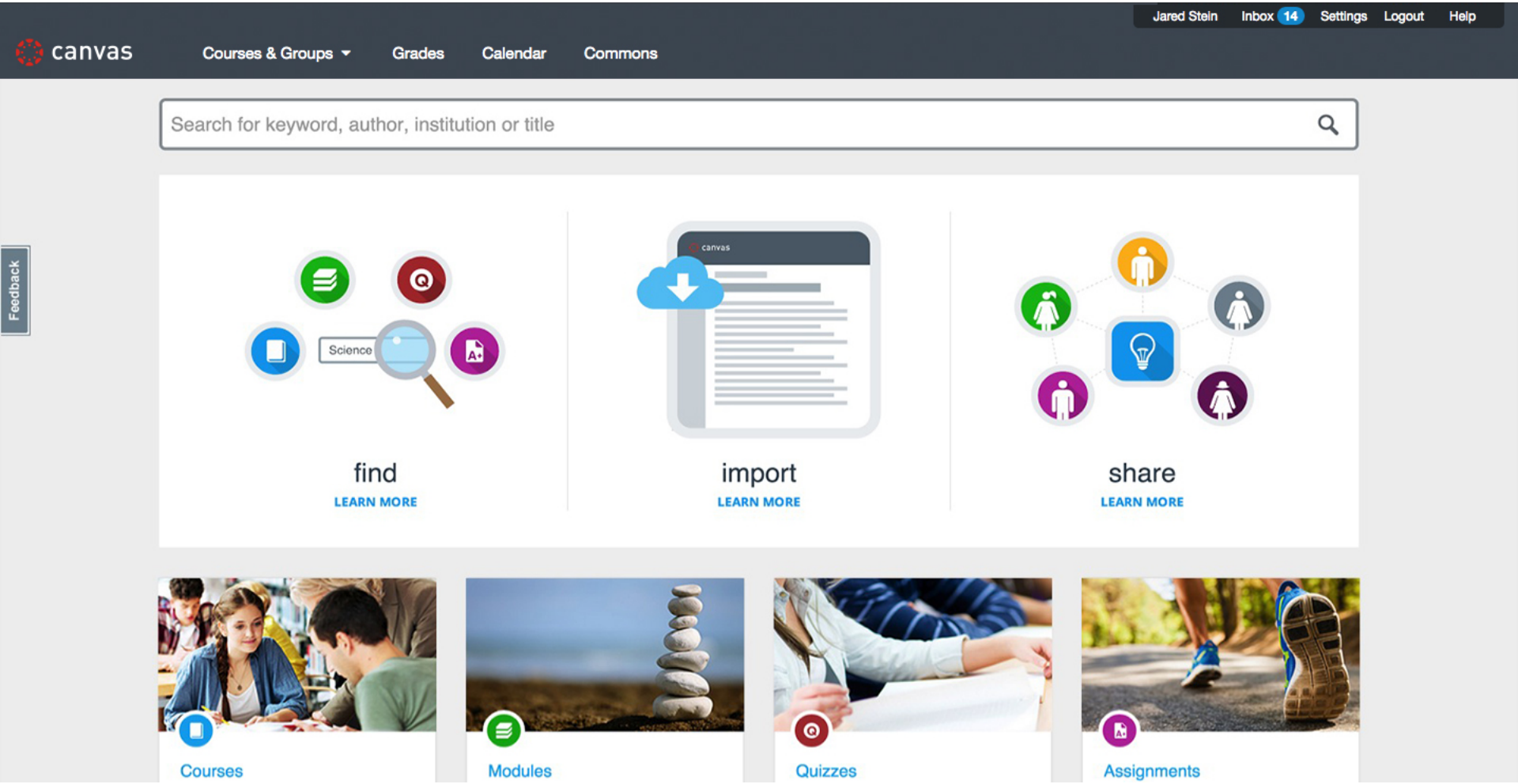

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Jared Stein Inbox 14 Settings Logout Help

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Search for keyword, author, institution or title

Found 13 results

Accounts | Types | Grade/Level | Subjects

Feedback

6th Grade Math

Understand the concept of a ratio and use ratio language to describe a ratio relationship between two quantities.

By: Kate McGee

0 SEP 16 2014

ENG 102 O2 - Composition II - Su14

This is an OER Freshmen Composition course. This course was taught in an 8 week summer semester.

By: Anthony Anderson

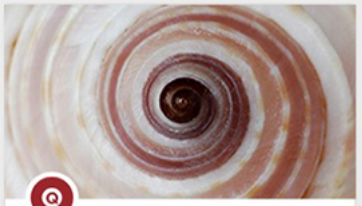
0 SEP 10 2014

Ratio of Two Quantities

Helps students with word problems and ratios

By: Kate McGee Non Admin

0 SEP 12 2014

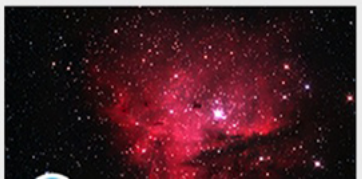


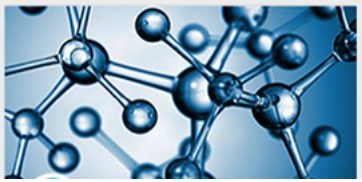
Ratio of Two Quantities

Quiz to test student understanding of the concept of a ratio and use ratio language to describe a ratio

By: Kate McGee Non Admin

0 SEP 11 2014





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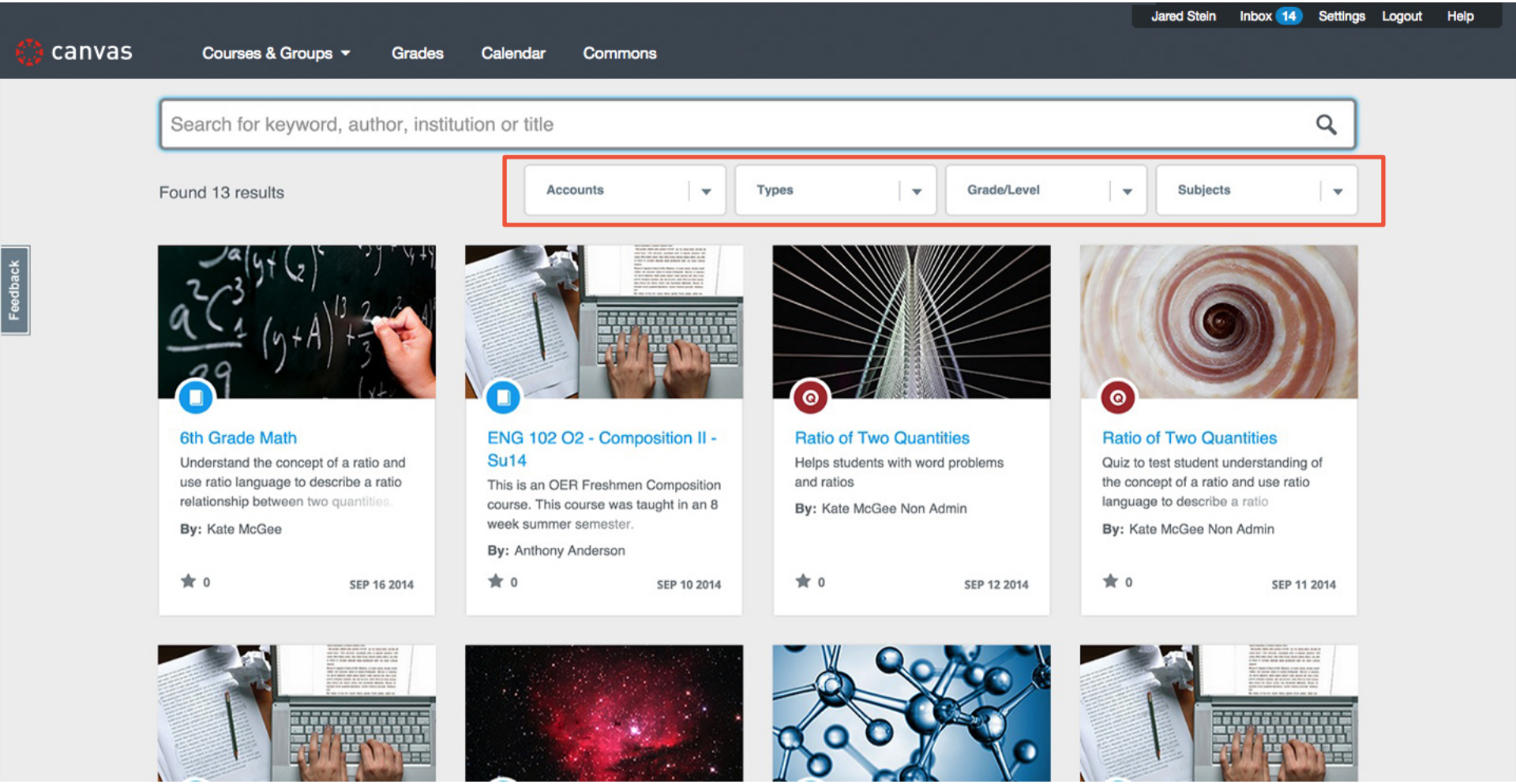

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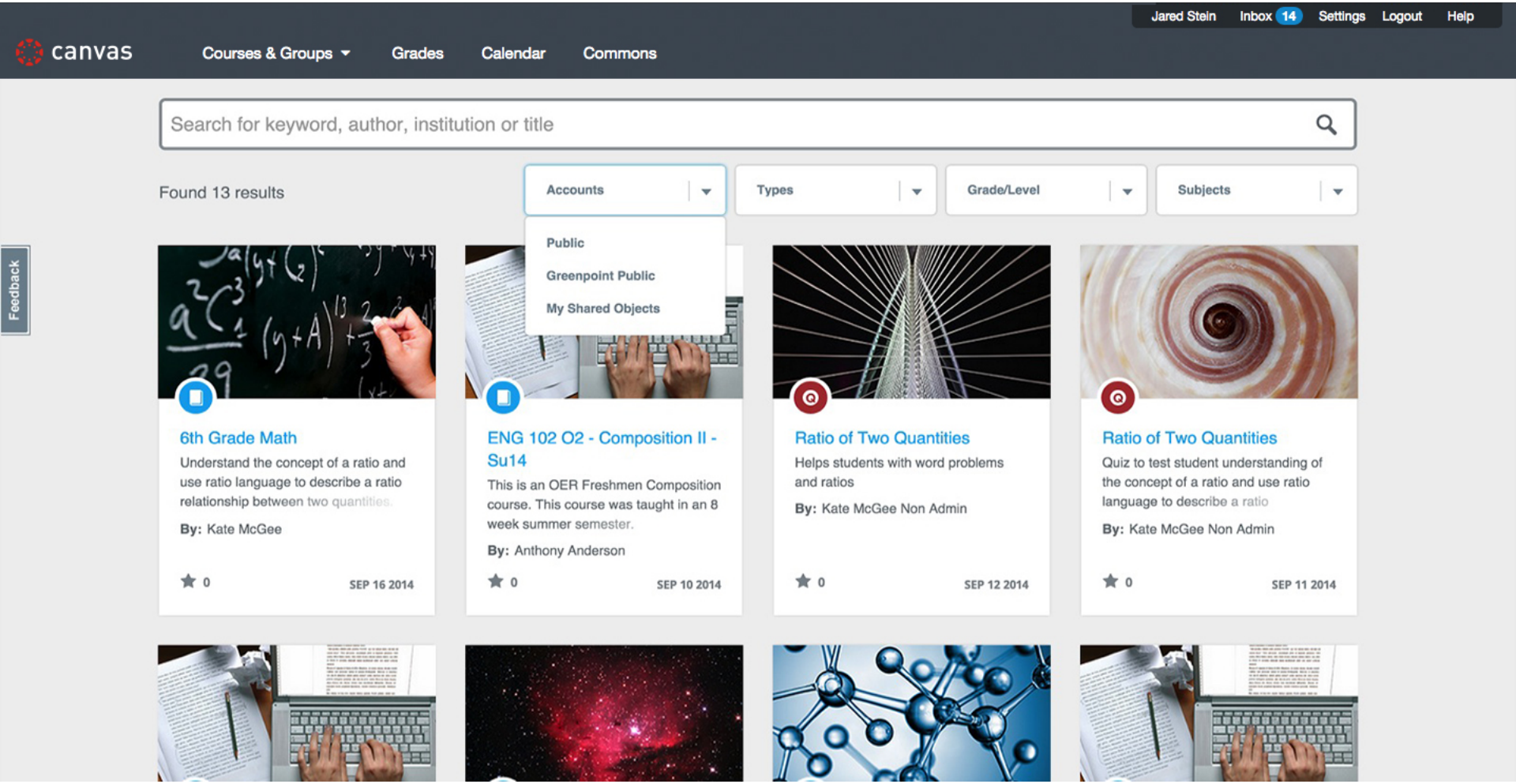

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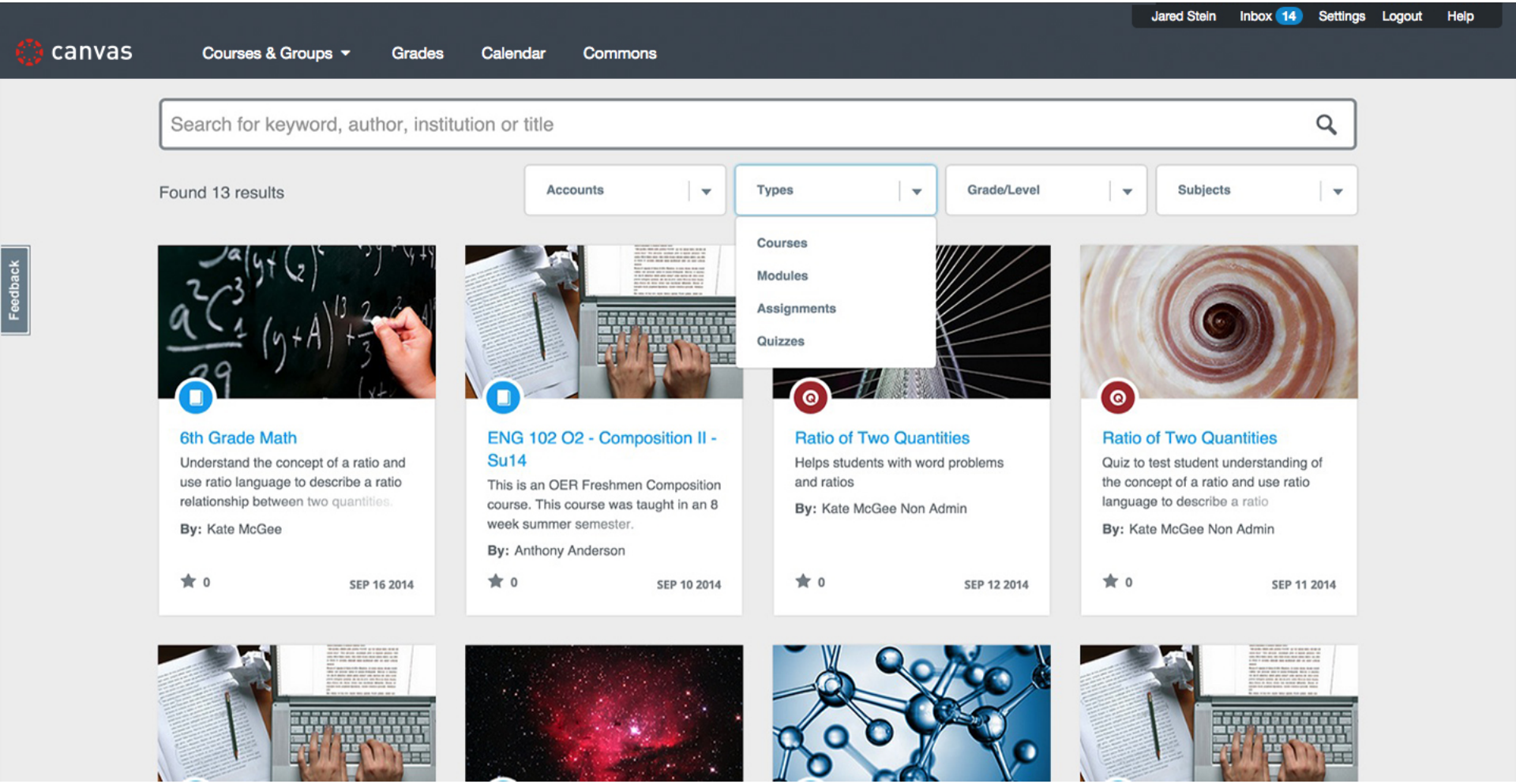

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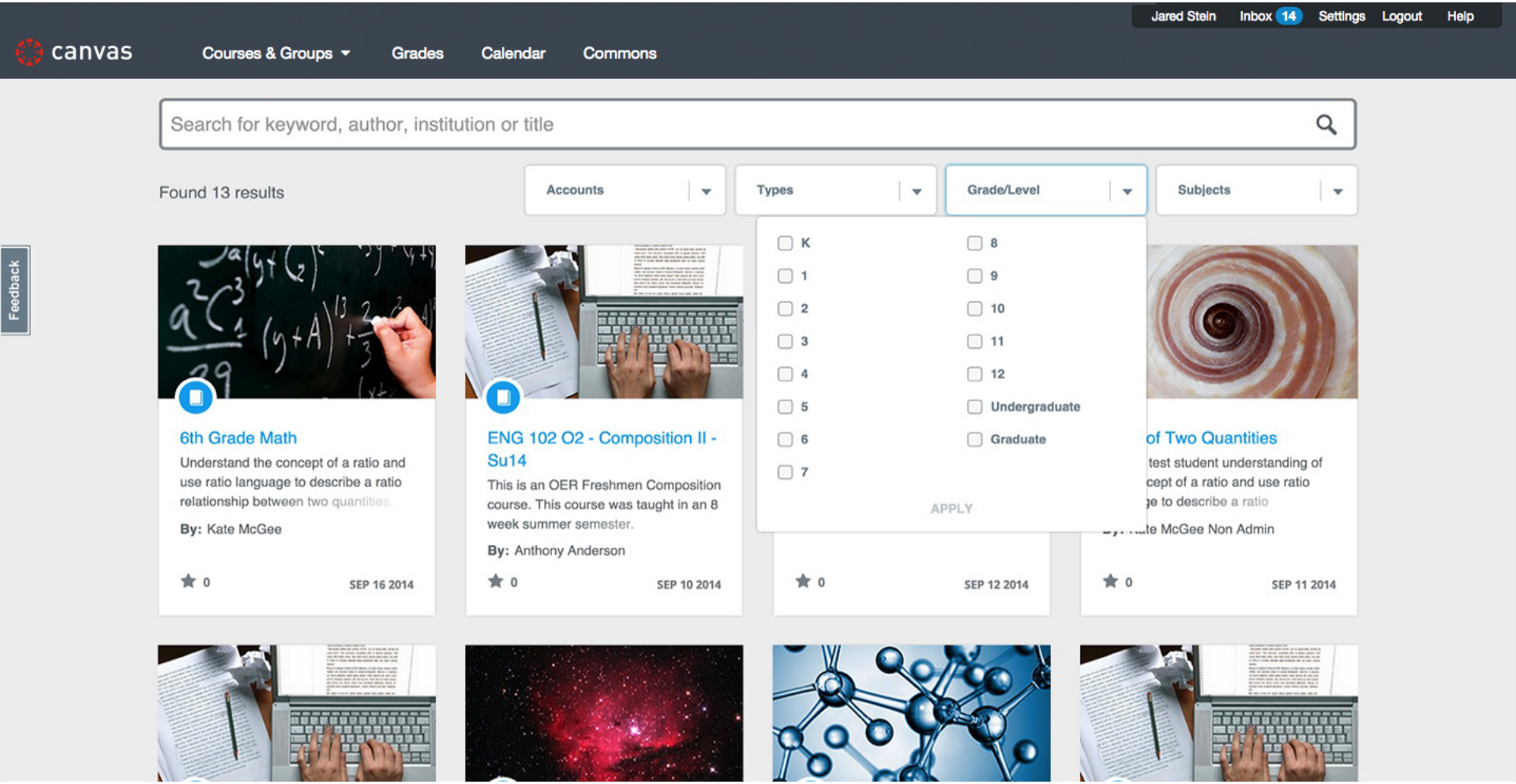

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Feedback

6th Grade Math

Understand the concept of a ratio and use ratio language to describe a ratio relationship between two quantities.

By: Kate McGee

0 SEP 16 2014

ENG 102 O2 - Composition II - Su14

This is an OER Freshmen Composition course. This course was taught in an 8 week summer semester.

By: Anthony Anderson

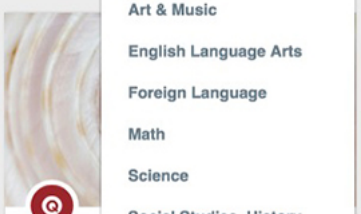
0 SEP 10 2014

Ratio of Two Quantities

Helps students with word problems and ratios

By: Kate McGee Non Admin

0 SEP 12 2014



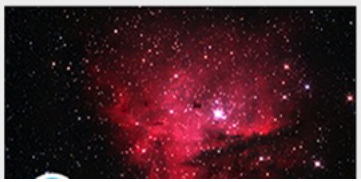
Ratio o

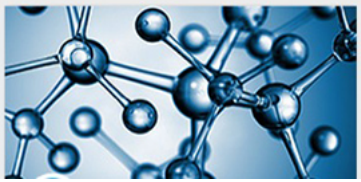
Quiz to te

the concept of a ratio and use ratio language to describe a ratio

By: Kate McGee Non Admin

0 SEP 11 2014





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Geology Lesson: Plate Tectonics and the Ocean Floo

This Module contains an intro Page, a File, a Discussion, some hyperlinks, an Assignment, and a Quiz.

Concept Map Assignment - Earth Formation

A concept map assignment for geology students asking them to explain how the earth was formed. Complete with

Quiz - Origin of the Earth

Geology quiz on the origins of the earth.

By: Jared Stein

Geology Lesson: Origin of Earth

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Geology Lesson: Origin of Earth

★★★★★ 0 Rate it

Subjects Science

Grade/Level 11, 12, Undergraduate

This Module contains an intro Page, a File, a Discussion, some hyperlinks, an Assignment, and a Quiz.

earth sciences · geology

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- Course to Test Convos
- Introduction to Geology - Stein
- Introduction to Geology - Stein Spring 2015
- Geology Remix
- Intro to Geology - Stein \'15
- My New English Course

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- Week 1 Intro & Agenda
- Before Class
- The Solid Earth (pdf)
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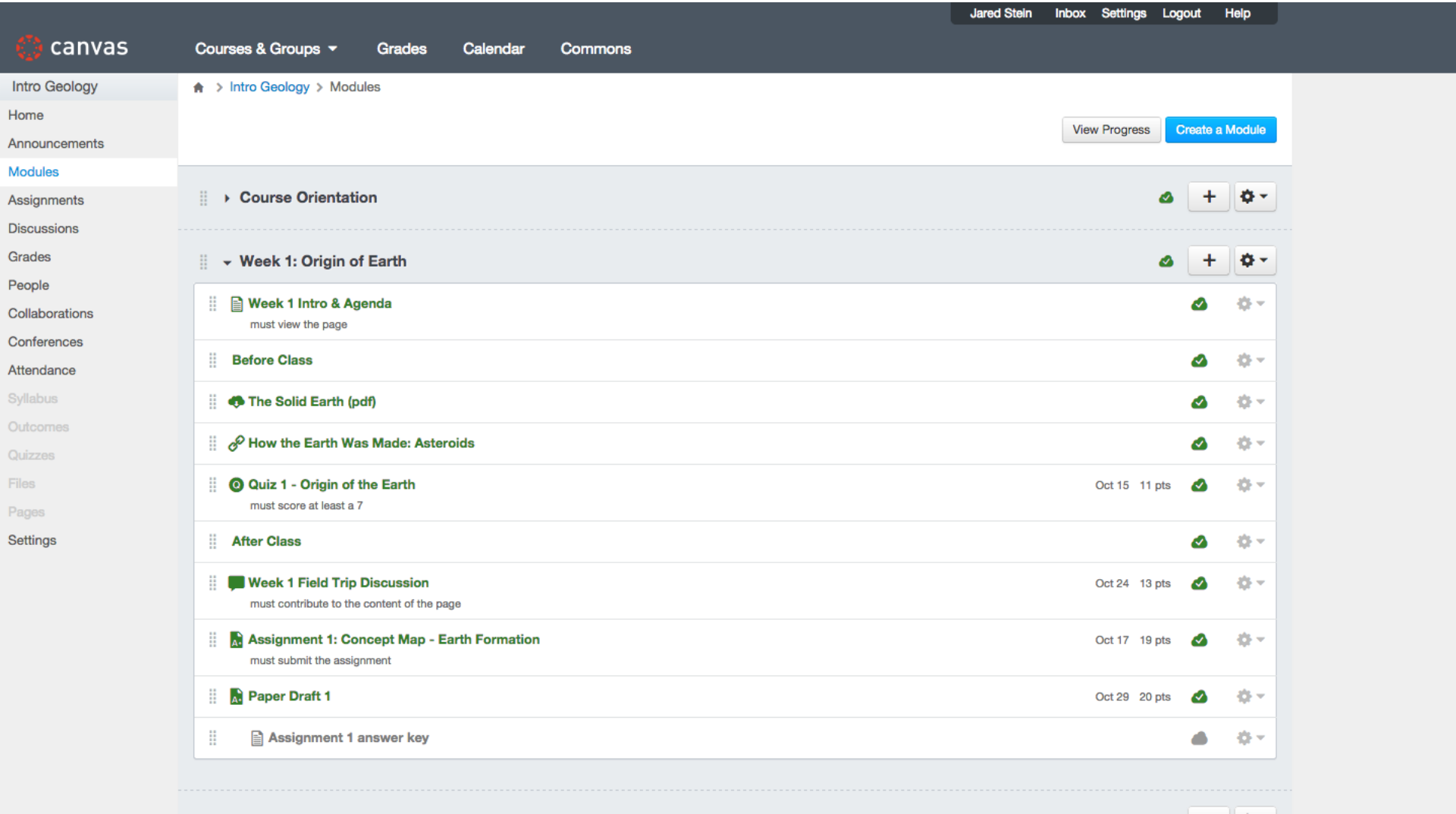

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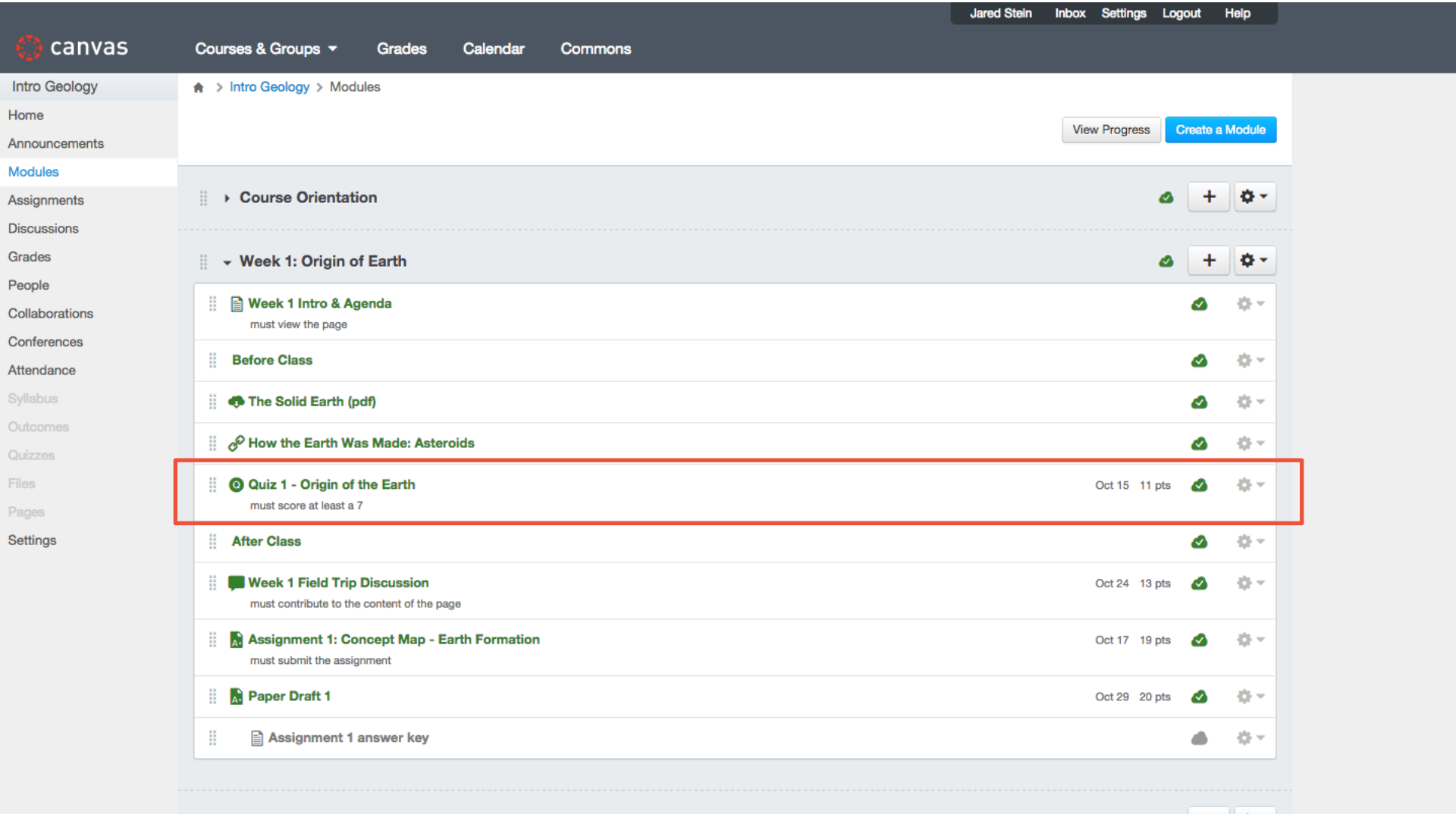

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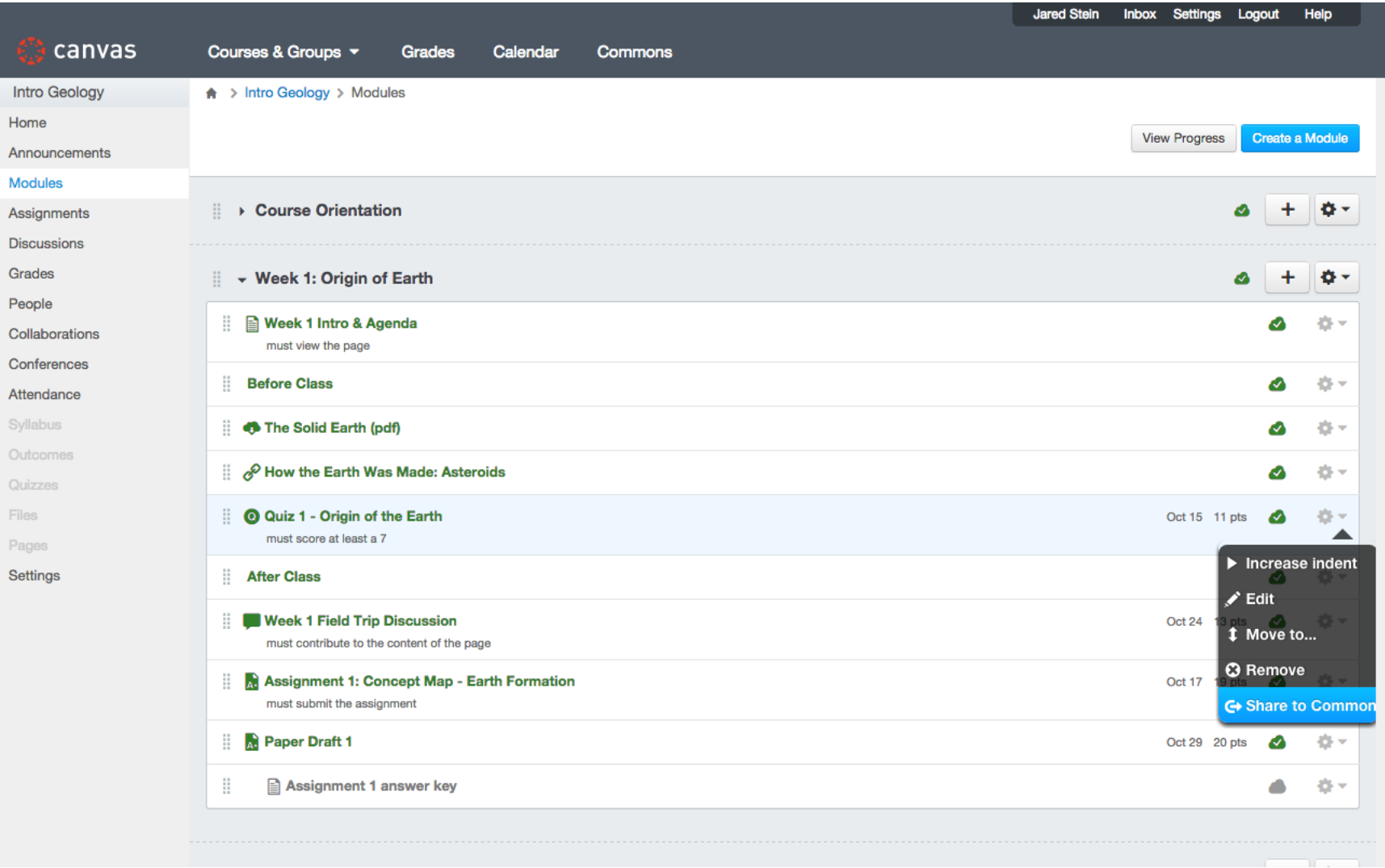

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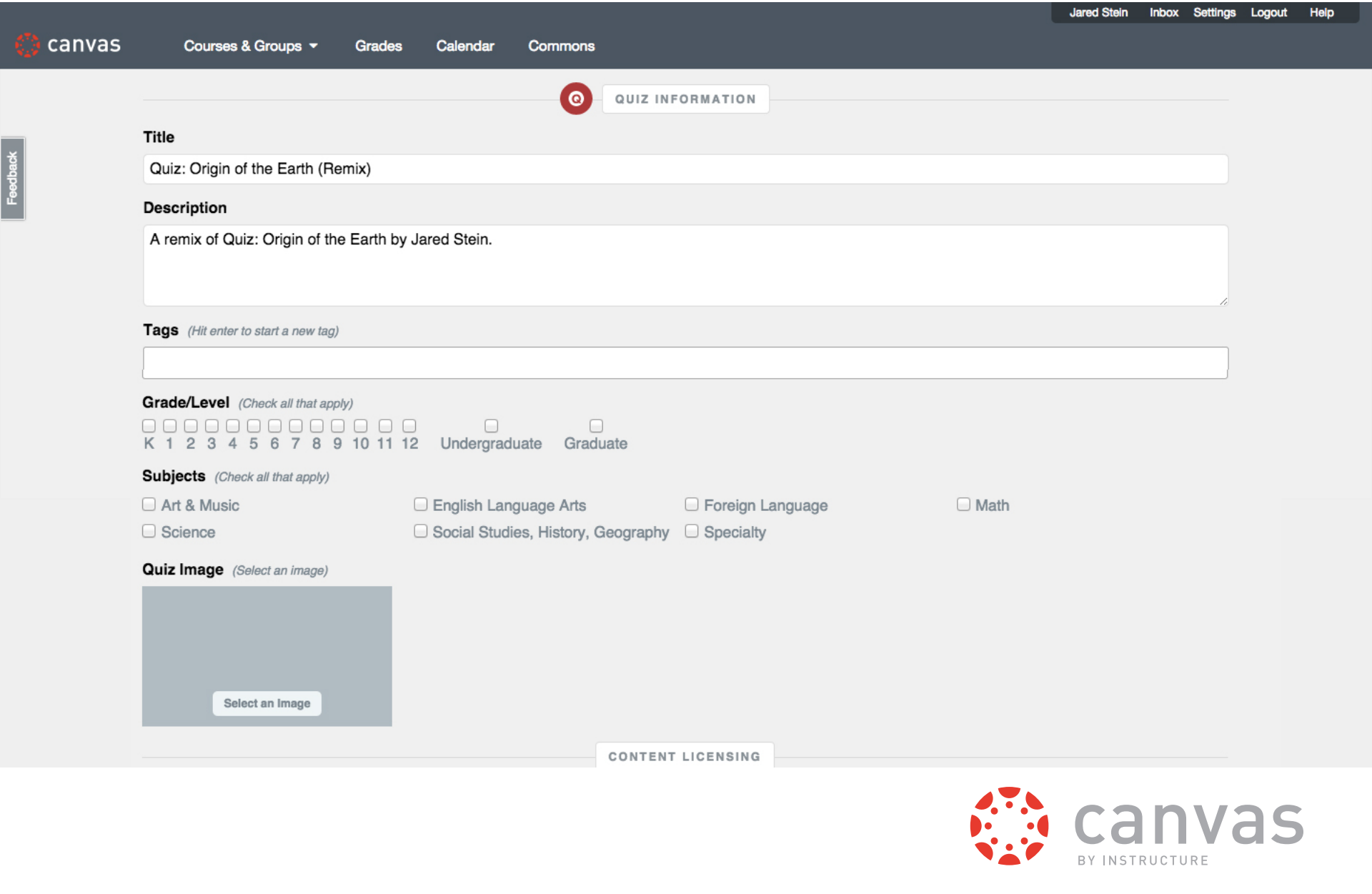

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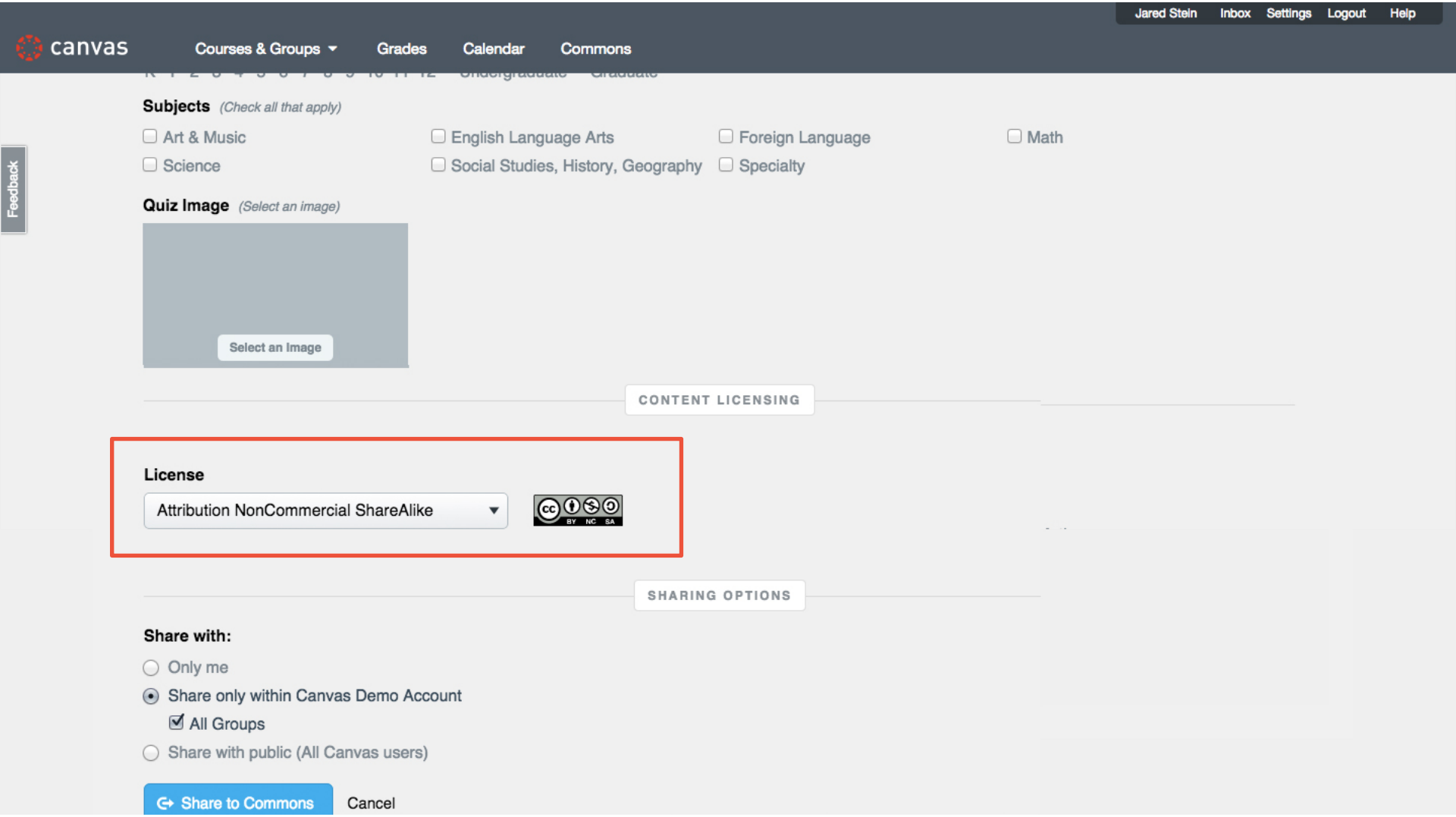

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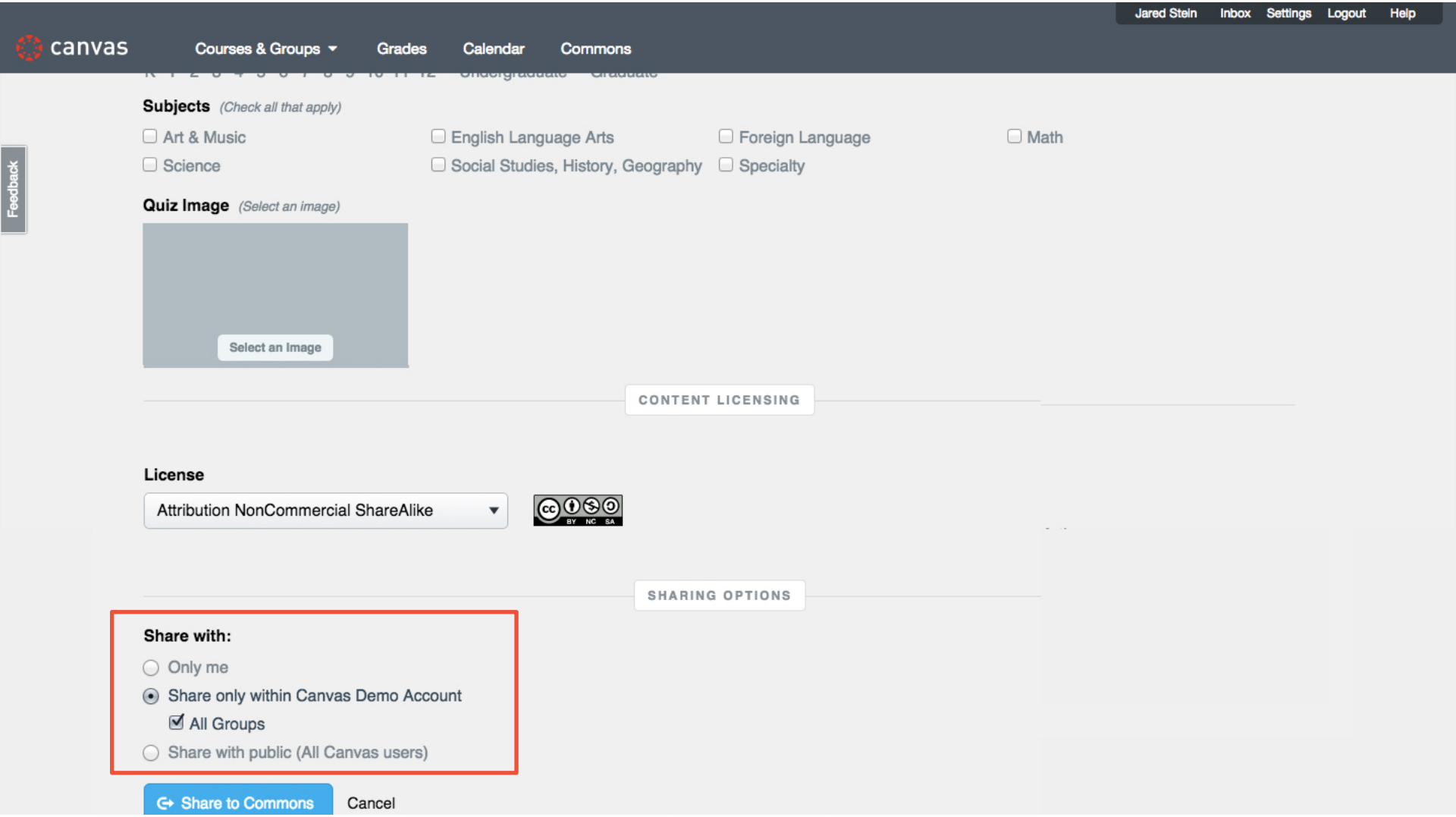

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Commons use cases

- New instructors need materials
- Dept uses master course templates
- Instructors extend online teaching
- Community iterates and improves

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tldr:

(too long, didn't read)

Canvas Commons makes

sharing,

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References & Resources

Commons released: http://bit.ly/commons-ct

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Canvas LMS: http://canvaslms.com

Canvas Network: http://canvas.net

...and we'll be at OpenEd 14 in DC next month!

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Closing questions?

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