



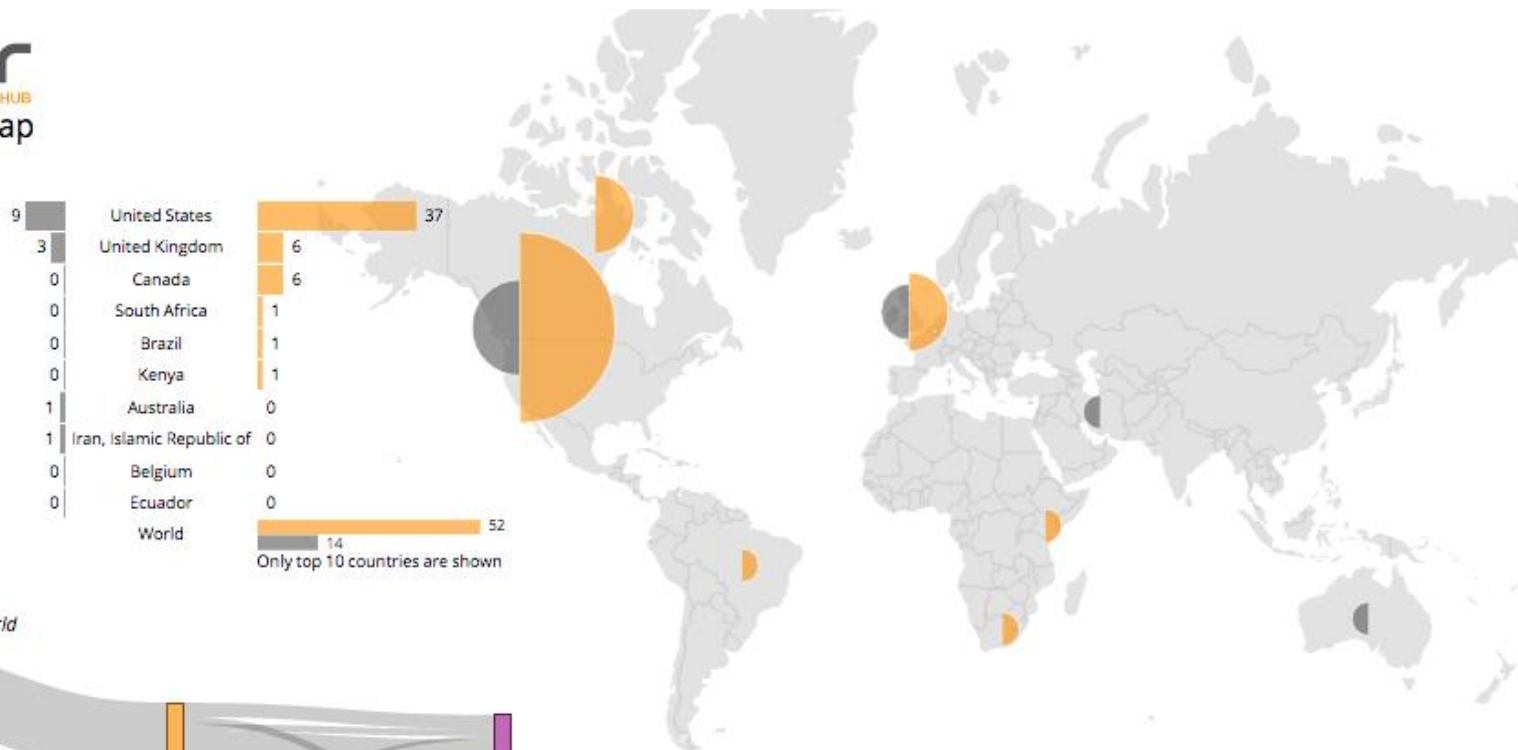
Flipping with OER: K12 teachers' views of the impact of open practices on students

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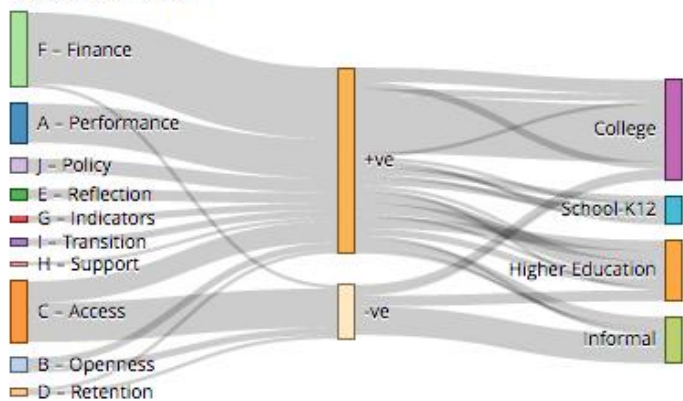


oerresearchhub.org

Keyword	Hypothesis
Performance	OER improve student performance/satisfaction
Openness	People use OER differently from other online materials
Access	OER widen participation in education
Retention	OER can help at-risk learners to finish their studies
Reflection	OER use leads educators to reflect on their practice
Finance	OER adoption brings financial benefits for students/institutions
Indicators	Informal learners use a variety of indicators when selecting OER
Support	Informal learners develop their own forms of study support
Transition	OER support informal learners in moving to formal study
Policy	OER use encourages institutions to change their policies
Assessment	Informal assessments motivate learners using OER



Evidence Flow - World



OER Impact Map
<http://oermap.org>



A photograph of a roller coaster train with several red and yellow cars, all of which are inverted. The train is moving along a white track that curves upwards against a clear blue sky. The cars are filled with people, and the word 'TIDAL WAVE' is visible on the side of one of the cars.

flipped learning

Definition of Flipped Learning

Flipped Learning is a pedagogical approach in which direct instruction moves from the group learning space to the individual learning space, and the resulting group space is transformed into a dynamic, interactive learning environment where the educator guides students as they apply concepts and engage creatively in the subject matter.

flipped
learning
network

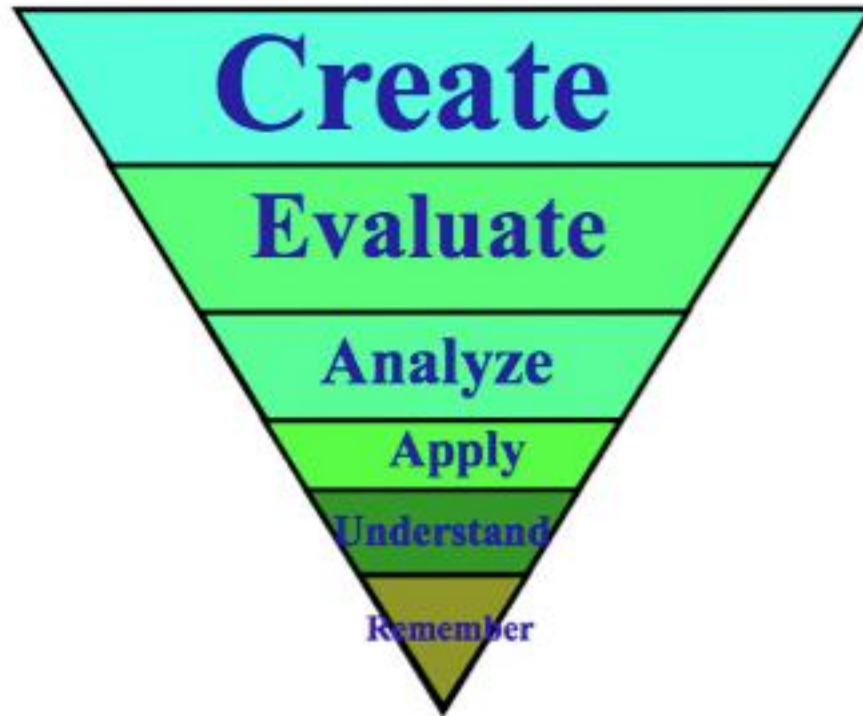


Photo: CC BY-NC 2.0 by University of Iowa Libraries, <http://ow.ly/uKEX3>



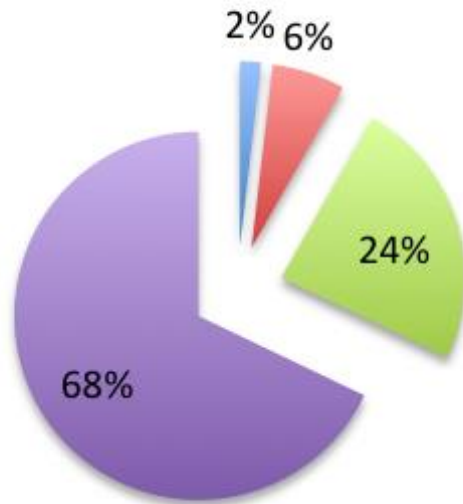
Photo: CC BY-NC 2.0 by Cotton Puryear, Virginia National Guard Public Affairs <http://ow.ly/uKGdh>



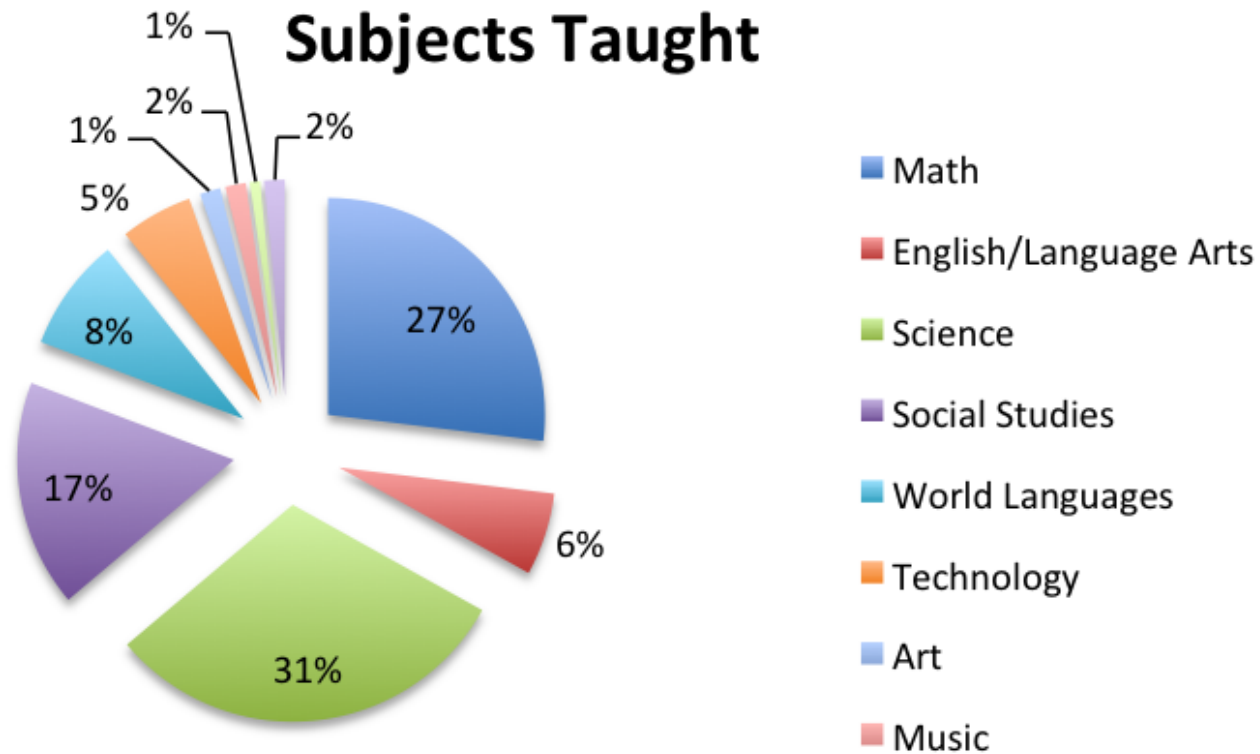


Grade level

■ K2 ■ K3-5 ■ K6-8 ■ K9-12

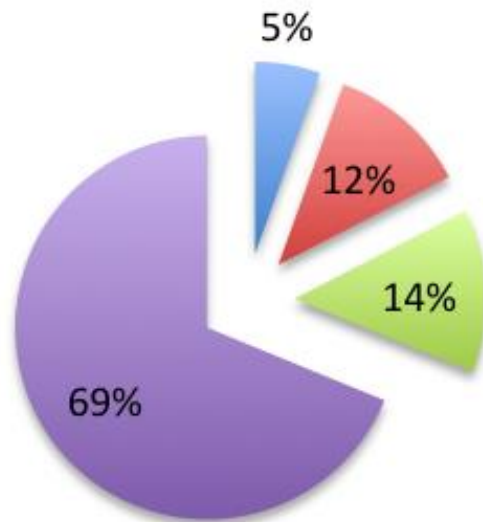


Subjects Taught

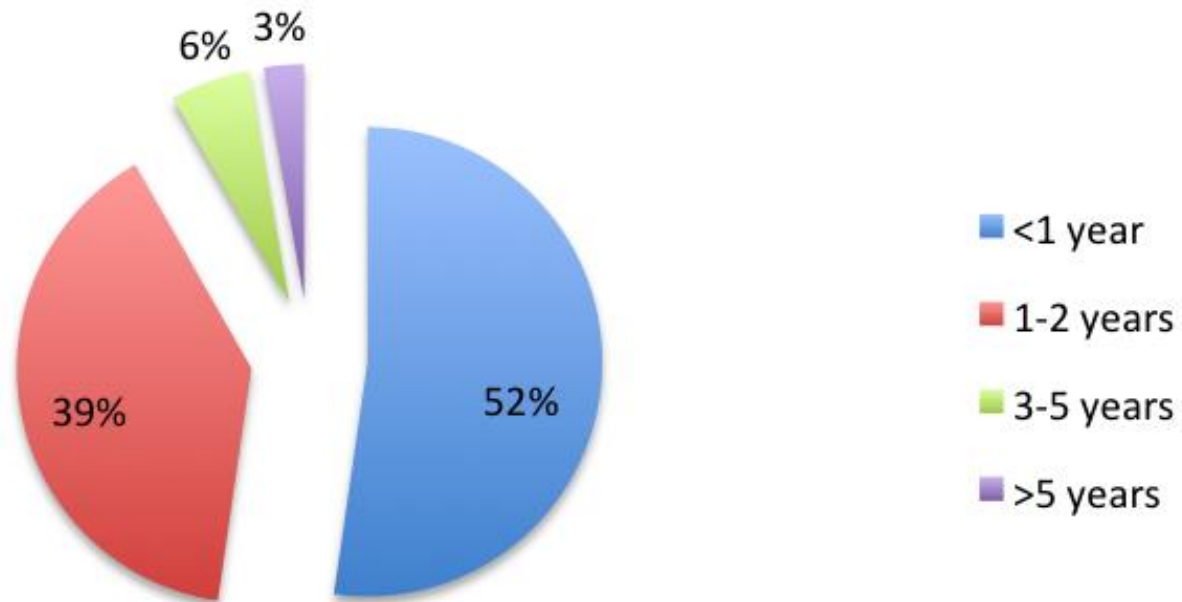


Teaching experience

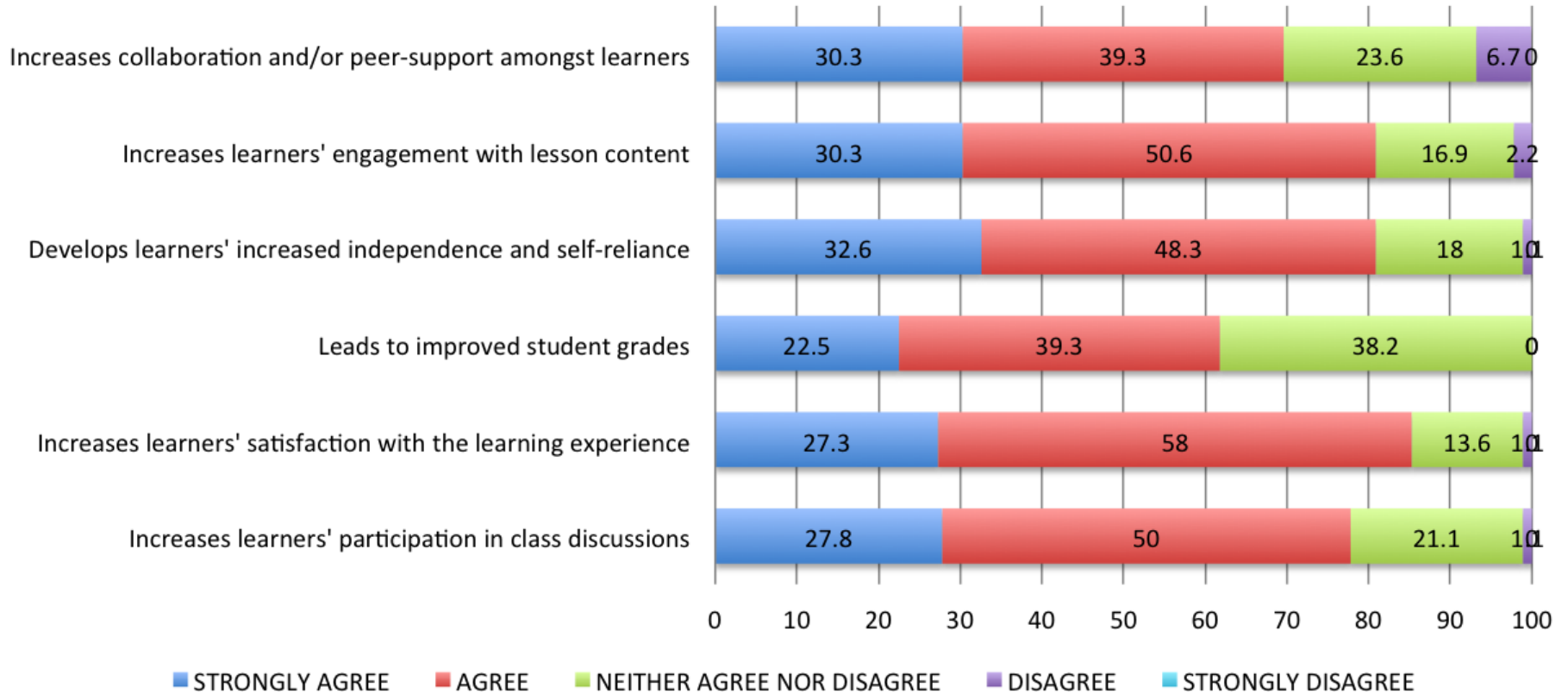
■ 1-3 years ■ 4-6 years ■ 7-10 years ■ >10 years



Experience in flipped learning



OER use...



Case study 1



“This course has been fully developed from scratch without [copyright restrictions] and is released free on the web for any teacher or student to use or remix. As a result, I do not treat this curriculum as mine –it belongs to the class and to the world.”

<https://sites.google.com/a/byron.k12.mn.us/stats4g/home/syllabus>

Case study 1



“Kids can get mad at me for my content because they are like ‘Look at how awful this is’ and I’m like “Perfect, let’s fix it’ (...) If I just took some other course and said ‘Let’s all take this course and make it better’ and I put no effort into it myself, that would be probably a lot more frustrating”

Case study 2



“Two weeks ago, I had the chance to help out one of our teachers as she worked with some 4th graders on math. Instead of “teaching” the students, she had each student design a lesson they could teach to the world. They designed their presentation and used a screen capture program (...) to record their session. We then posted the video to YouTube and now these 10 year olds are teaching the world math lessons. It has been motivating for these students to see how many people watch their videos. It has also helped them to understand the topic that they presented on”.



<http://jonbergmann.com/students-as-creators-of-content/>

Case study 3



“Even though I knew we had to read Chaucer’s Canterbury Tales, I could not send these kids home with Chaucer (...)

Over the course of an entire semester **all the kids turned in on average 82% of their homework**, which is significant for me because **that made me feel that what I was asking them to do at home, (...) they saw the meaning in doing that**. That to me was a time when I was able to use free online resources for the best interests of my students.”

What I'm thinking...



OER enable new ways of teaching and learning.

Success in flipped learning is measured in terms of student engagement and motivation.

Teachers' open practices can help student engagement and motivation.

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