

The Next Generation Digital Learning Environment

A Report on Research

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Context: what is the issue?
what's the approach?

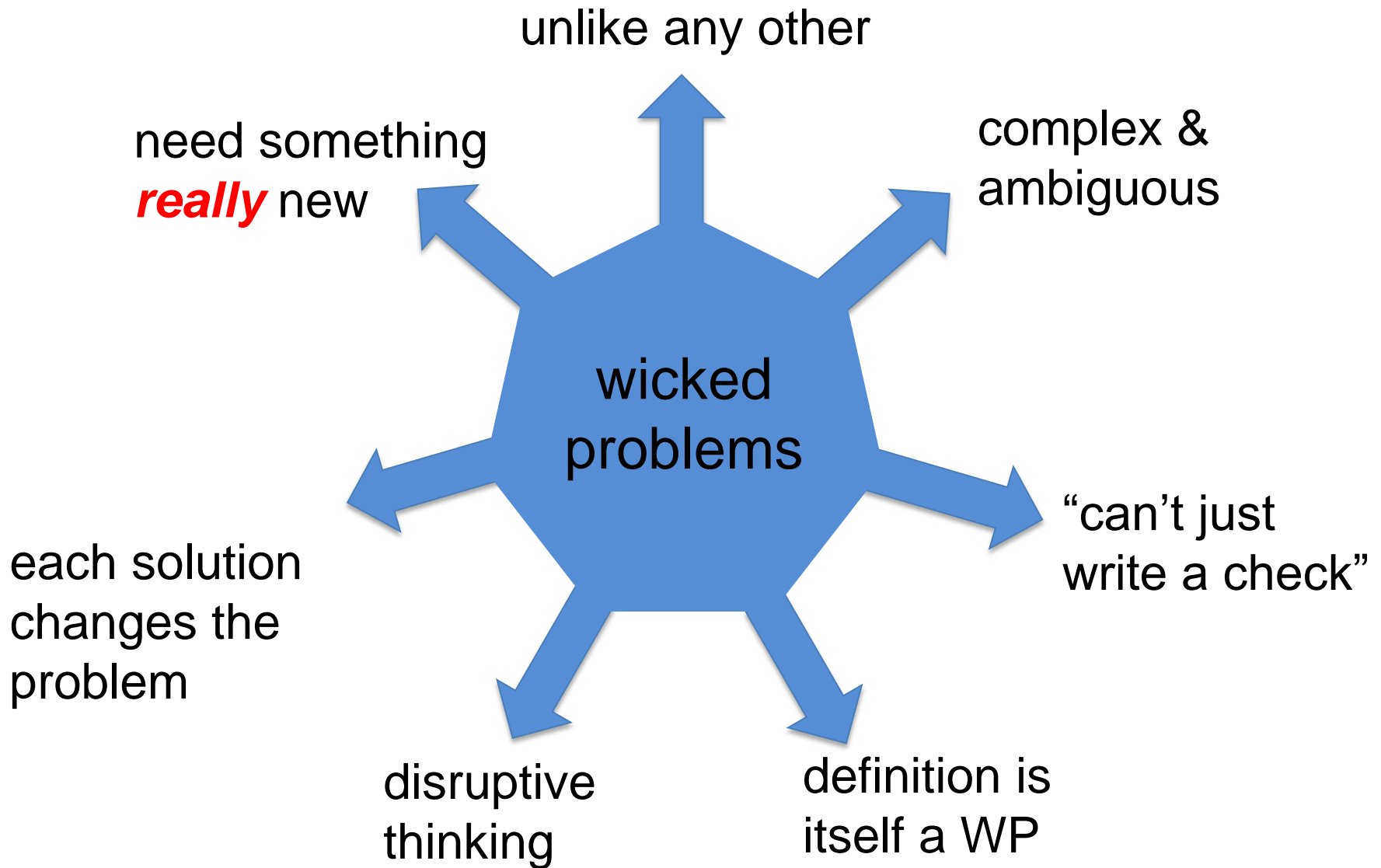


what are some of the key results?



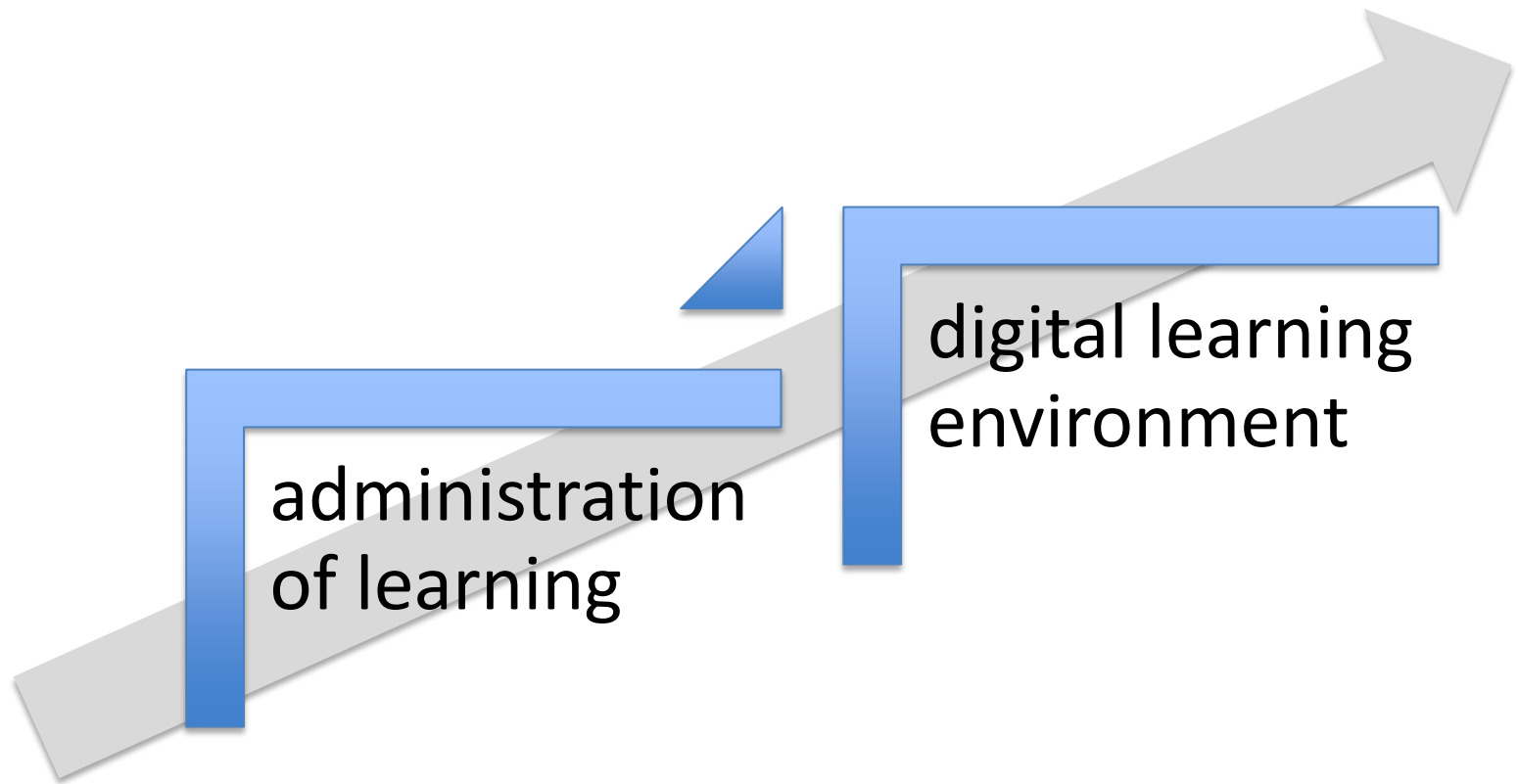
resources and Q&A

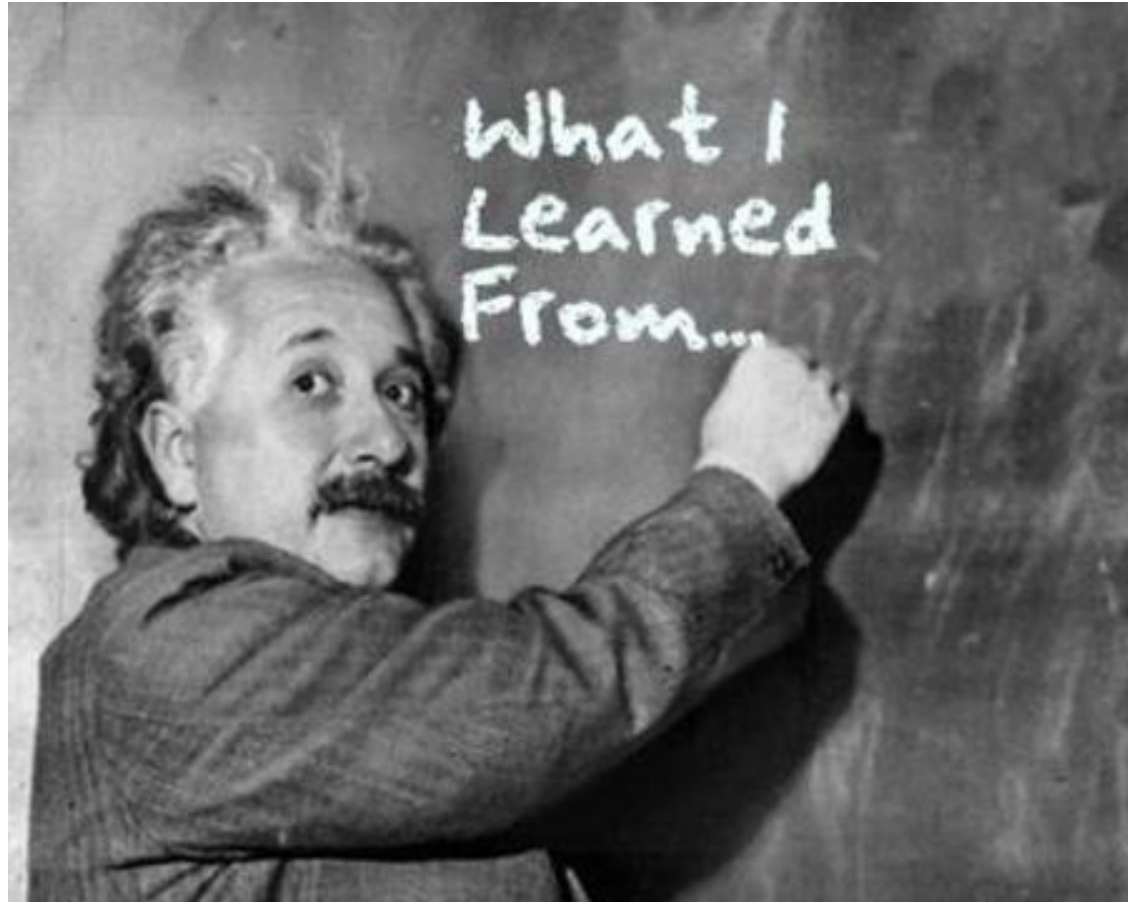
WICKED PROBLEMS











NGDLE: an EDUCAUSE Research Project

- Research on behalf of and supported by the Bill & Melinda Gates Foundation
- Exploration of experts' views
- Interviews with individual or paired experts
- Small group sessions for input and discussion
- Large group gathering at the EDUCAUSE Annual Conference
- One end result: forthcoming white paper

Results of the Research (So Far)



Key Qualities for Progress

Interoperability and integration

Analytics and assessment

Personalization and customizing

Collaboration: inter and intra community sharing

Accessibilty

Interoperability and Integration

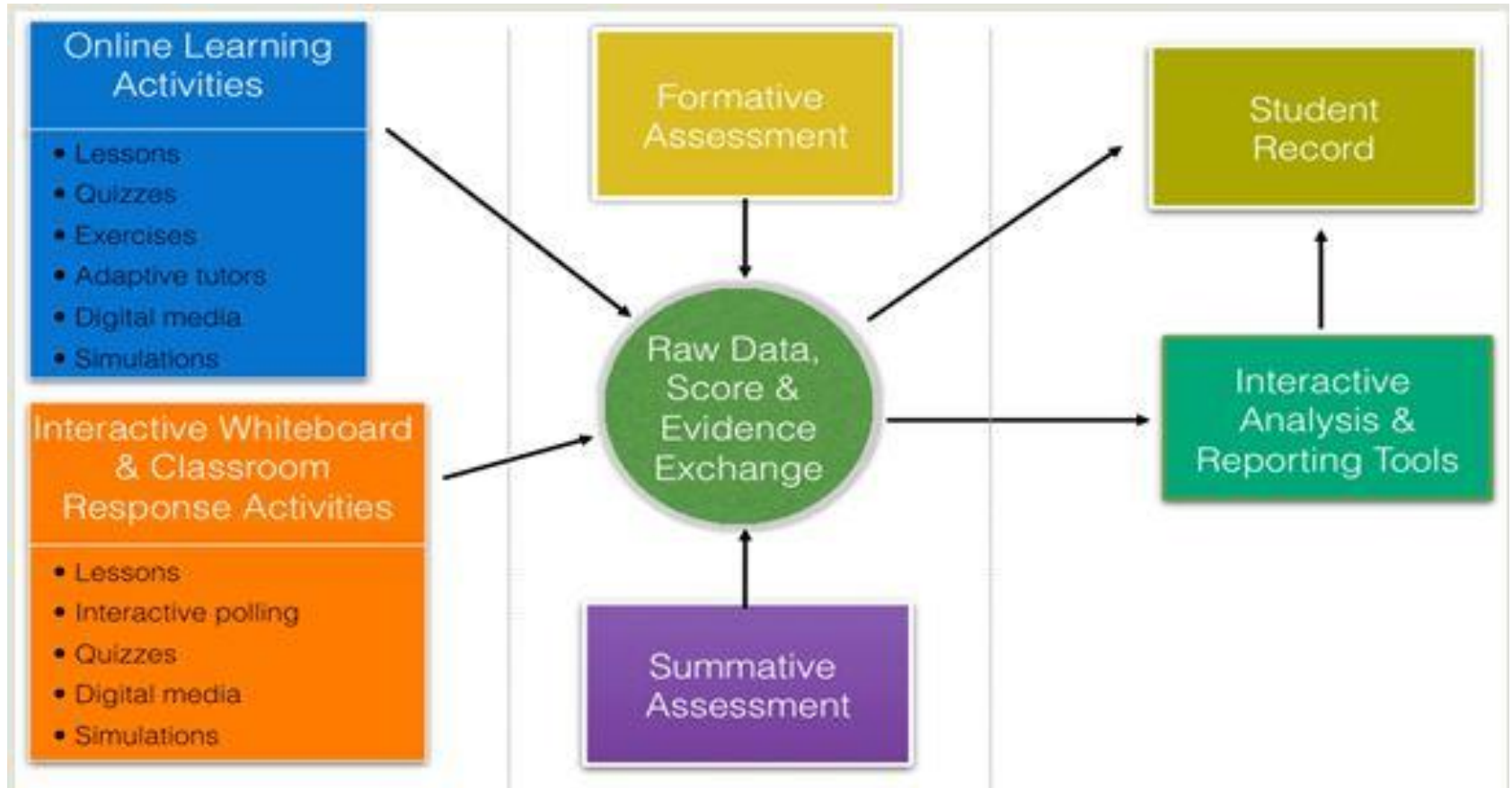


<http://tinyurl.com/ozl8kfw> (CC BY-SA 2.0)

Common Standards



Standardization across platforms



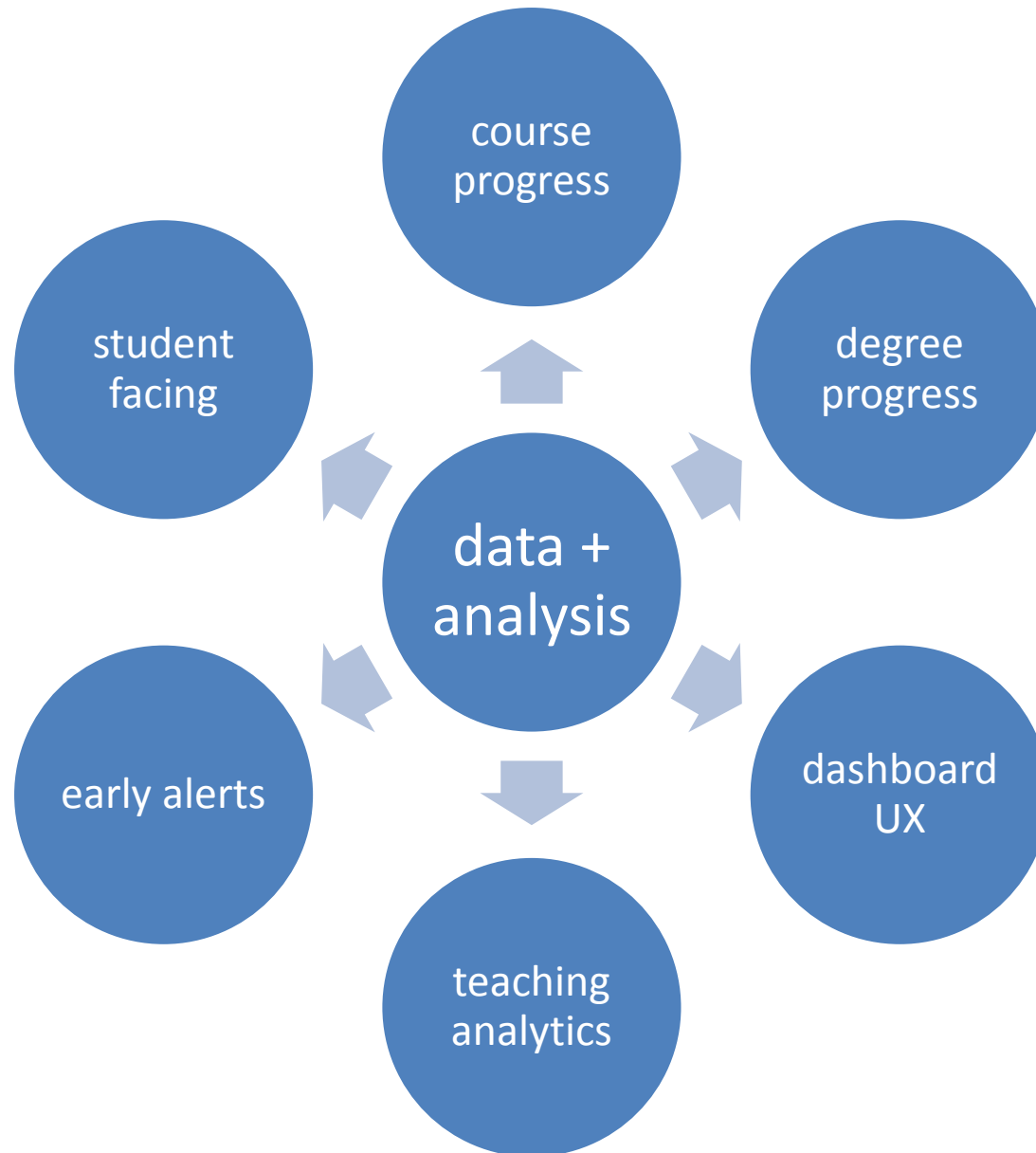
Open platforms



+

assessment







Personalized

Personalization

Tailored to the learner

Promoting sharing

Encouraging “tinkerability”



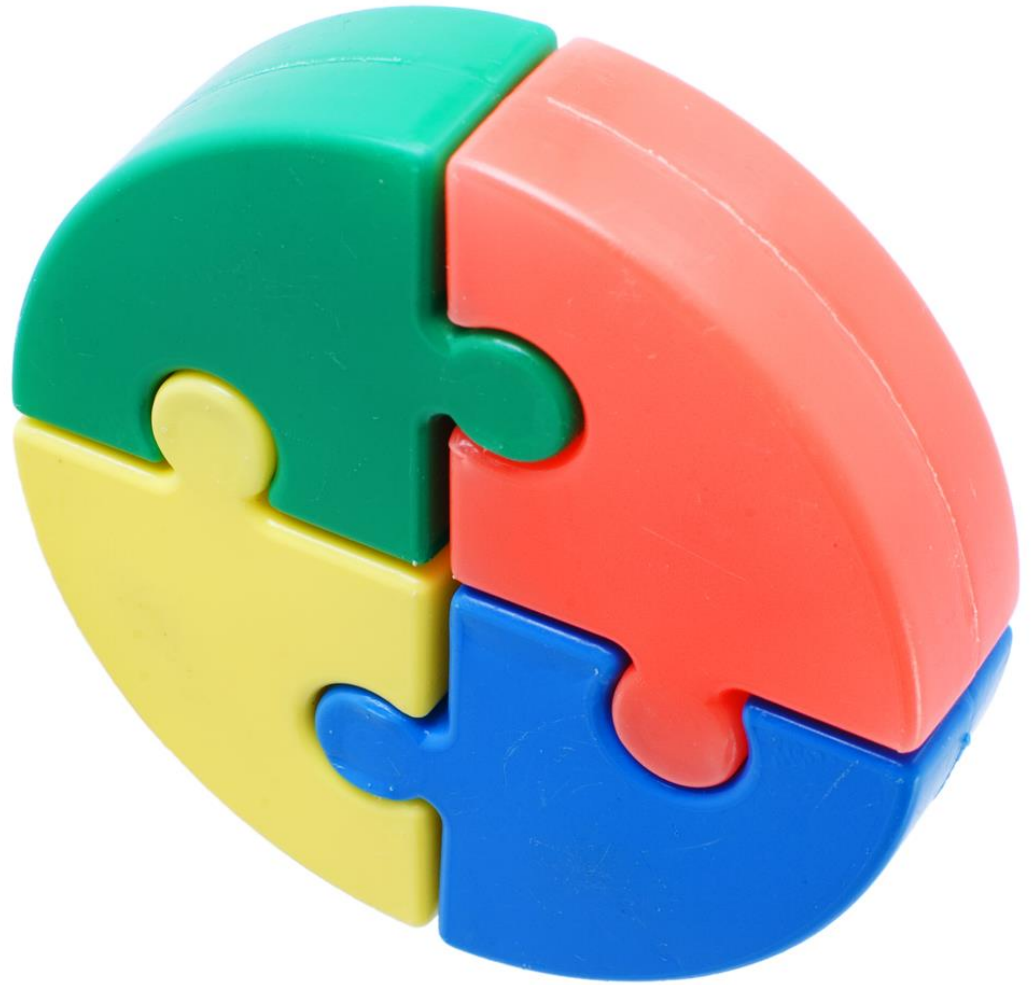
Collaboration

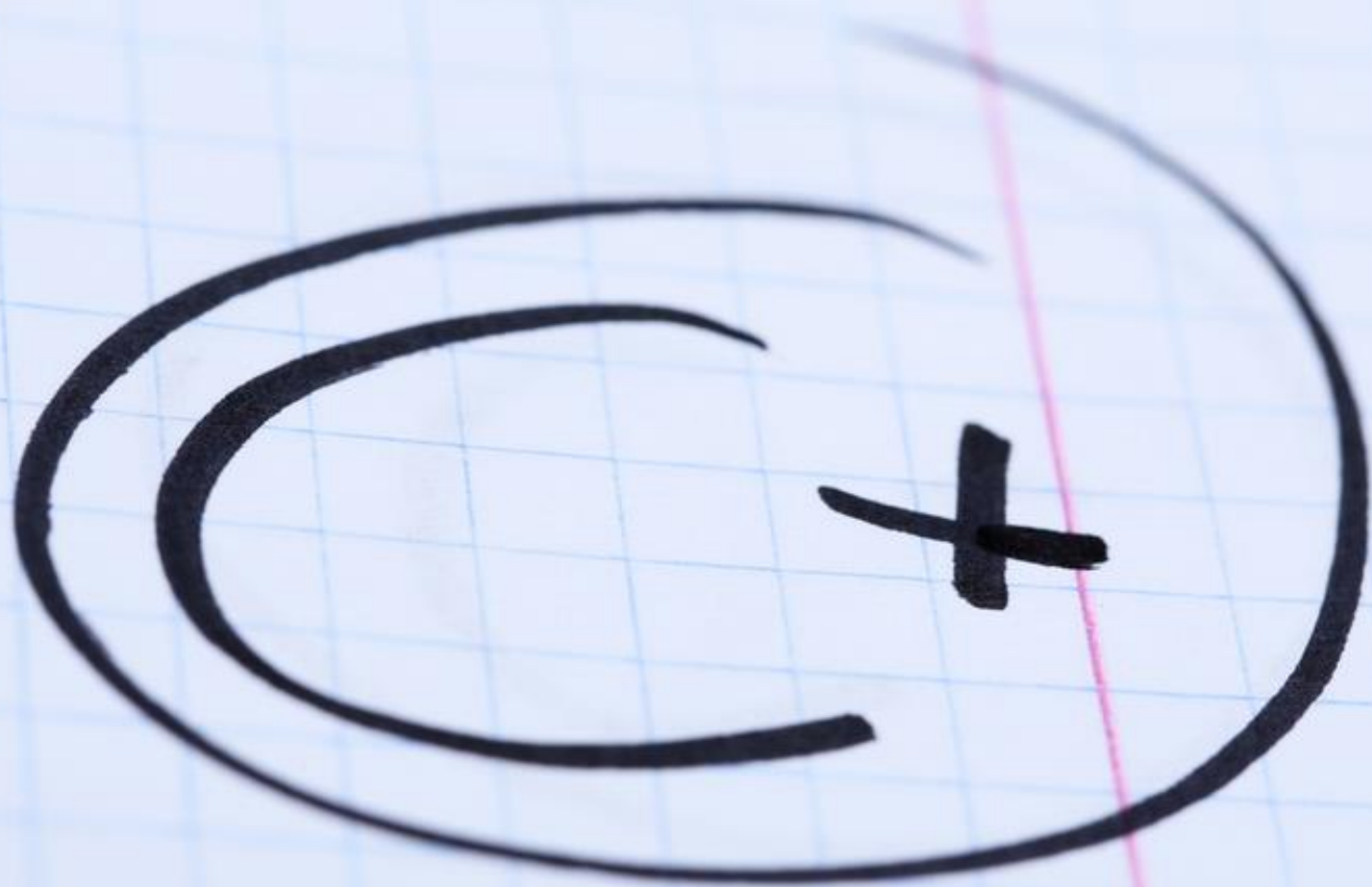


@gavinkeech



Accessible
design









Accessible design

make accessibility part of usability

invest in open standards

higher quality authoring tools

video fastest growing medium; most are not fully accessible

personalization, customization, profiles

privacy vs. revealing disability or special need

fellow students need to know about the requirements of their fellow classmates



make accessibility part of usability

Priorities



desired functions

core function areas	rank
interoperability and integration	1
analytics and assessment	2
personalization and customization	3
collaboration: inter- and intra-community sharing	4
accessible UX	5


The Current Ecosystem of Learning Management Systems in Higher Education: Student, Faculty, and IT Perspectives

<http://tinyurl.com/ecarNGDLE>





report

A close-up photograph of a typewriter keyboard. The focus is on a single key that has been pressed, showing the word "Questions?" in a dark, slightly blurred, monospaced font. The key itself is a light-colored, possibly plastic or metal, with a slightly worn surface. Above the key, the metal frame of the typewriter is visible, showing several other keys and the mechanical structure. The background is a dark, textured surface, likely the typewriter's body or a desk. The lighting is soft, highlighting the texture of the key and the metal frame.

Questions?

A close-up photograph of a computer keyboard with colorful 3D letter cutouts spelling 'THANK YOU'. The letters are arranged in two rows: 'THANK' on the top row and 'YOU' on the bottom row. The letters are in various colors: 'T' is orange, 'H' is pink, 'A' is orange, 'N' is green, 'K' is blue, 'Y' is purple, 'O' is blue, and 'U' is pink. The keyboard is black with white lettering on the keys. The background is a light-colored wooden surface.

THANK YOU

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