Measuring the Impact of Cyberlearning

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Why care?

• Large number of educational digital libraries
• Increasing uncertainty about the impact of digital libraries on student performance
The project

Research Question:
• Are cyberlearning efforts such as digital libraries which provide online collections of curricular materials having an impact on student learning?

Hypothesis:
• Students who use cyberlearning resources achieve better understanding of concepts of concepts taught.
The idea

• Utilize educational standards to measure the impact of cyberlearning
  – Cyberlearning resources increasingly connected to standards
  – Connection between learning goals and resources used in teaching
  – Link standards to assessments to evaluate whether resource impacted learning
In progress and to do

• Create clear connection between standard, assessment, and resource
  – Find standard and related assessments
  – Find cyberlearning resources that teach to the standard
  – Connect the three into a standard-assessment-resource triple

• Conduct pilot study to see if we can measure the effect of cyberlearning
Looking for collaborators in trying to measure the impact of cyberlearning

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