Turning Homework on its Head – Deeper Learning by Putting Students in Charge

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CLASS in your school?

What would it take?

Problem
Rubric

Make up problems

Edit problems

Solve problems

Students can read everything

Grade solution

Resolve grade disagreement

Dispute grade

Resolve dispute

Assignment: Problem for IS 331

CLASS Prototype
Issues

• Issues for students
  – Timing: drawn-out (2.5 weeks)
  – Learning curve to create problems, grade and dispute
  – Learning to use rubrics
  – Anonymity within online system
  – Trusting peers (good faith effort; good job)

• Trade-offs for teachers
  – Fewer solutions to evaluate, but each is different
  – Fitting into school schedule

Extending Scope

• Which problem types?
  – so far: short and long essay questions
  – what about: multiple choice, short answer, computer programs, semester projects

• Which activities?
  – so far: exams, online discussion short essays
  – what about: quizzes, homeworks, larger projects, in-class projects, other types of exams

• Which subjects?

• Team involvement in each CLASS stage

Invitation

• Looking for high school students to help test CLASS this summer

• Looking for collaboration with teachers to try out CLASS and help refine it

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