Participatory Learning: Deeper Learning by Putting Students in Charge

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What would it take?

Make up problems

Edit problems

Solve problems

Students can read everything

Grade solution

Resolve grade disagreement

Dispute grade

Resolve dispute

Issues

• Creating rubrics
• Learning curve to create problems, grade and dispute
• Calibrating student activities
• Encouraging self review
• Groups for each activity
• Anonymity
• Trust
• MOOCs
• The few who don’t participate
• Fitting in the schedule
• Measuring actual learning

Extending Scope

• Which problem types?
  – so far: short and long essay questions
  – what about: multiple choices, short answers, computer programs, semester projects
• Which course activities?
  – so far: exams, online discussion short essays
  – what about: quizzes, homeworks, larger projects, in-class projects, other types of exams
• Which course subjects?
  • Jr. High, High School, Community College?
  • Grading the quality of problems, grades, other steps

Invitation

• Looking for collaboration with instructors at all levels to try out Participatory Learning and help refine it
• Looking for research collaborations

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