

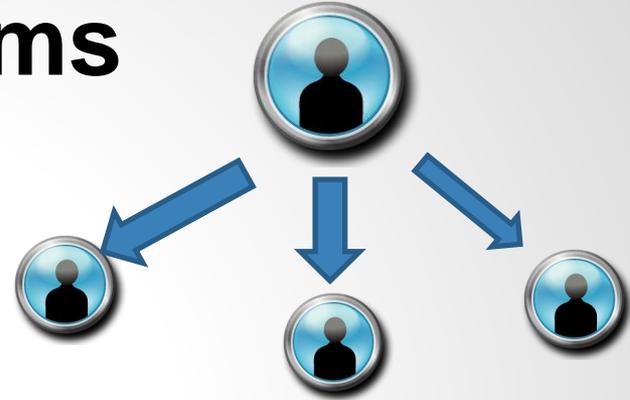


engaging learning exercises

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ETUG Spring Workshop 2012

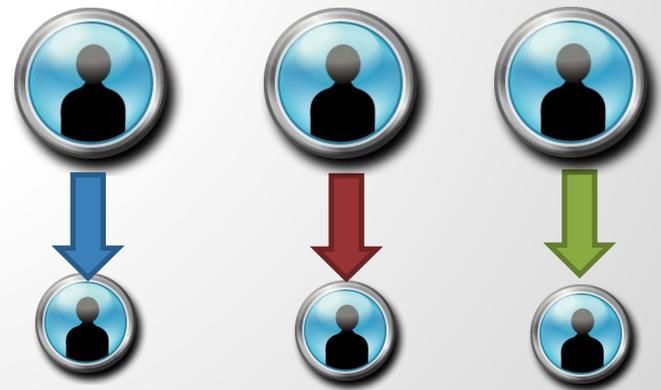
Traditional Classrooms

- Single source of information
- One pace for the whole class



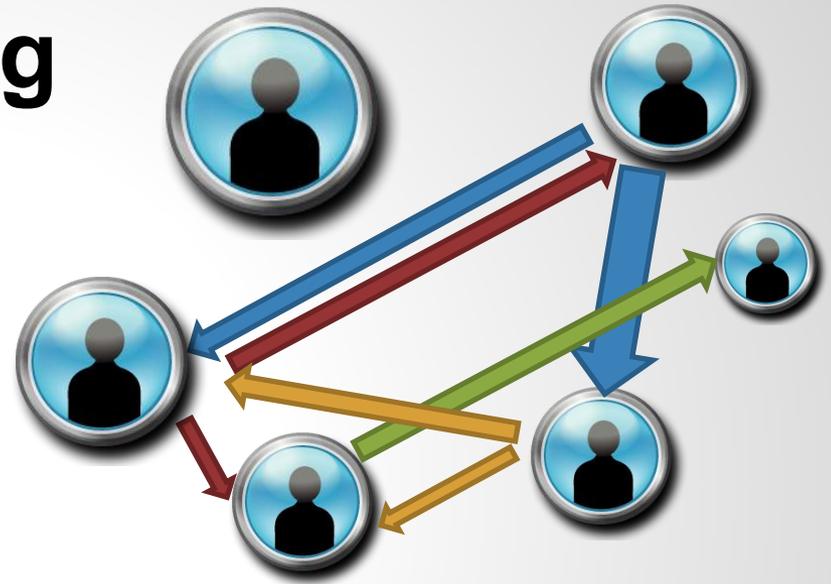
Online Lectures

- Lack of support network
- Passive learning



Connected Learning

- Instructors as facilitators
- Participatory Culture
- Social learning network



**“The problem is effective match making,
... It’s not about actually finding the information anymore.**

And **that’s fundamentally reconfiguring what we think
of as the problem and the goal of education.”**

~ Mimi Ito, Ph.D

Question Creation Exercise

- Requires higher level of understanding
- Complete with answers, distractors, and explanation
- Deeply connect with course material outside of classroom
- Used by over 200 institutions worldwide

“I love question creation! I used to get students to make questions for each other on paper.”

~ Rosie Redfield, UBC Professor

Unitclass

- Social learning network around question creation exercise
- Live response system
- Real-time class discussions
- Support smartphones, laptops, and tablets
- Social attachment
- Match suggestion

- Based on statistical techniques and machine-learning
- Grouping by similarity, dissimilarity, and past interactions
- Can be controlled by teachers

The screenshot shows the Unitclass user interface. At the top, there is a navigation bar with the Unitclass logo, a 'Profile' link, and a 'Notifications' dropdown menu with a red badge indicating one notification. A notification popup is displayed, featuring a profile picture of James Maxwell and the text: 'James Maxwell has created this question for you. Review'. Below this, the question text is partially visible: 'Comparing the wave equation ... wave equation $\nabla^2 f = \frac{1}{v}$... which of the following is the ...'. A link for the question is shown as 'Given 2 waves, one described ... and the typical ...'. A mouse cursor is hovering over this link. Below the notification, there is a 'See all notifications' link. At the bottom of the page, a green progress bar shows '3 answered', and a red 'X' icon is next to the text ' $\mu_0 \epsilon_0$ '.



Come check out the activity at
www.unitclass.com

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