Phet & Quest

Simulations to make concepts clearer

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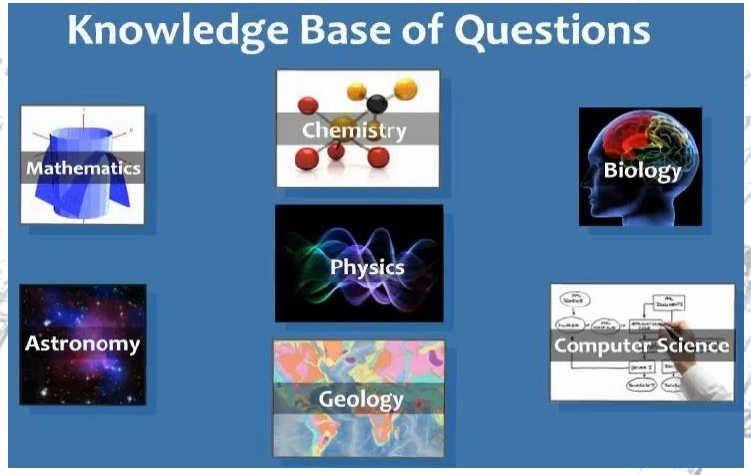
Online Homework

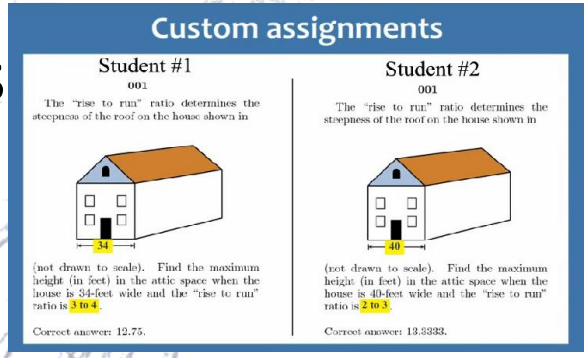
Quickie on Quest

- UT online homework system
- https://quest.cns.utexas.edu/
- Highlights of video http://web4.cns.utexas.edu/quest/intro/



More Highlights

- Over 1,000 High Schools & Colleges Use Quest
- 25 Million Student Answers
- Online Homework means better student learning
- Nominal Price - $249 for TJC
- Roughly equivalent to Pearson at greatly reduced cost & much easier than Blackboard
- Custom Assignments
- Automatic Grading
- Instant Feedback
- Detailed Explanations – students find helpful
- Dashboards – summaries, histograms, etc.



Quest Show & Tell

- Add a question
- Publish Assignment
- Edit Settings (due date, etc.)
- Manage Students
- Manage Grades
- Export
- Hold off on Q&A until end

PHet

- http://phet.colorado.edu/
- Show & Tell Physics – John Travoltage
- Needs Java or Flash – sometimes a problem with IT not installing or upgrading
- Cut & Paste Screen Images into documents
- Example – Biology Natural Selection
- Usually simple, but gets concepts across

Conclusions

- PhET – Free Web Resource
  - Recommend exploration to determine relevance to your discipline
- Quest – Nearly Free to TJC & Students
  - Recommend committee to select questions. Set up is time consuming unless your text is used.
  - Good for students
  - Equivalent but less costly than Pearson
  - Easier than Blackboard
- Volunteer to set up UTID?
- Q & A or Play & Eat?