

Hong Kong Accord??

- Powerful engaging coherent curricula, activities & teaching to develop a new world.
- Education Mediated by Technology
- Scientific Behavior
- Science as culture
- Role of family life & culture
- Global, ethical, collaborative nature of science
- Assessments: How can we assess what children
- Teacher support
 - 10% prof. development (Leon Lederman - 20% PD)
 - Quality teachers recognized.
- College science
- Sustainability & helping to developing Nations advance.

ESO trailer produced for IYA.

Keeler - AAS

23 Jun 2008

STEVE CH

GOALS

Combine HOU curriculum with ~~the~~ UC Davis Modeling Physics.
Develop additional activities for Jupiter moons activities.

Explicitly pedagogy

Adaptable curriculum to levels & settings.

Make available for testing & refinement.

Elements of Pedagogy

Guided to ask specific questions

Students investigate

diddy: guide students to clear models.

Carefully point about models & examples.

Multiple representational tools.

Students apply models & use them.

The most important single factor influencing learning is what they already know.
Ausubel

Curriculum

Flexible

Coherent story line (concepts should flow logically) h.s. or col

Increase teacher awareness of effective pedagogy
use it.

Goals

Increase more HOU teachers.

Students gain deeper understanding of universe

Orbital Simulator

PHET → colorado.

right angle velocity to get stable orbit
to get stable circular orbit.

Various levels - strictly graphical vs visual.
(Video created by Rich Lohman.)

↳

EXPLAIN IN WORDS WHAT IS EQUATION.

<http://web.mac.com/carpnet/HOU-Gravitation/Unit-Overview.html>

GRAPHICAL
Analysis

Logger pro