

Understanding by Design

Tuesday, March 06, 2012
14:58

Thursday Exit Exam Defense

Date: 3/8/2012

Time: 4:45 pm

Location: Plant Science 143

Schedule: 5:00 - 5:10 pm Dr. Duff Furtw (prefetch & syne)

Repeat an additional 2 times { 5:10 - 5:25 pm Session 01 (3-5 ppl)
5 minutes Spiel (Top 2 competencies)
10 minutes Q & A
2 min for evaluations between sessions

How do you plan a curriculum that embodies your priorities
(and satisfies content standards, from district & states)?

Stage 1: Identify Desired Results

Established Goals —

→ what should students learn?

problems w/ standards

→ sheer # of standards are overwhelming

→ grain size (granularity / scope) too big or too small

unpacking the standards (by leveraging field expertise)

→ extract **big ideas** & **core tasks**

Key Knowledge & Skills —

→ formulas

→ derive formulas

→ facts

→ unpack & assess knowledge

→ knowledge

Big Ideas vs Understandings

Big Ideas vs Understandings

Big Ideas = high-degree nodes in a graph } concept map
Understandings = edges in the graph

↳ insightful/relevant discussions of big ideas