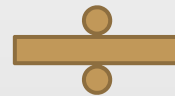


Redesign ABE Math & Math 22

Developmental Math Discipline Conference

April 2, 2011



Vee Nguyen, Dev Math/Coordinator, KCC

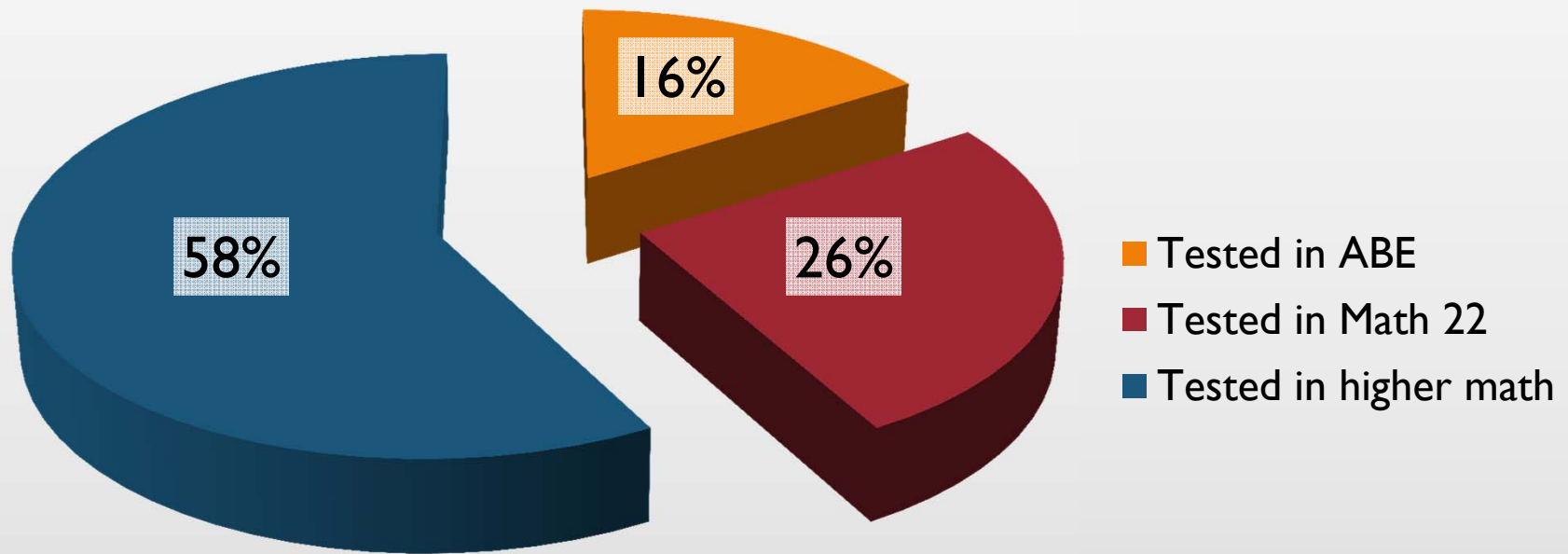


How Does Math Taste to You?



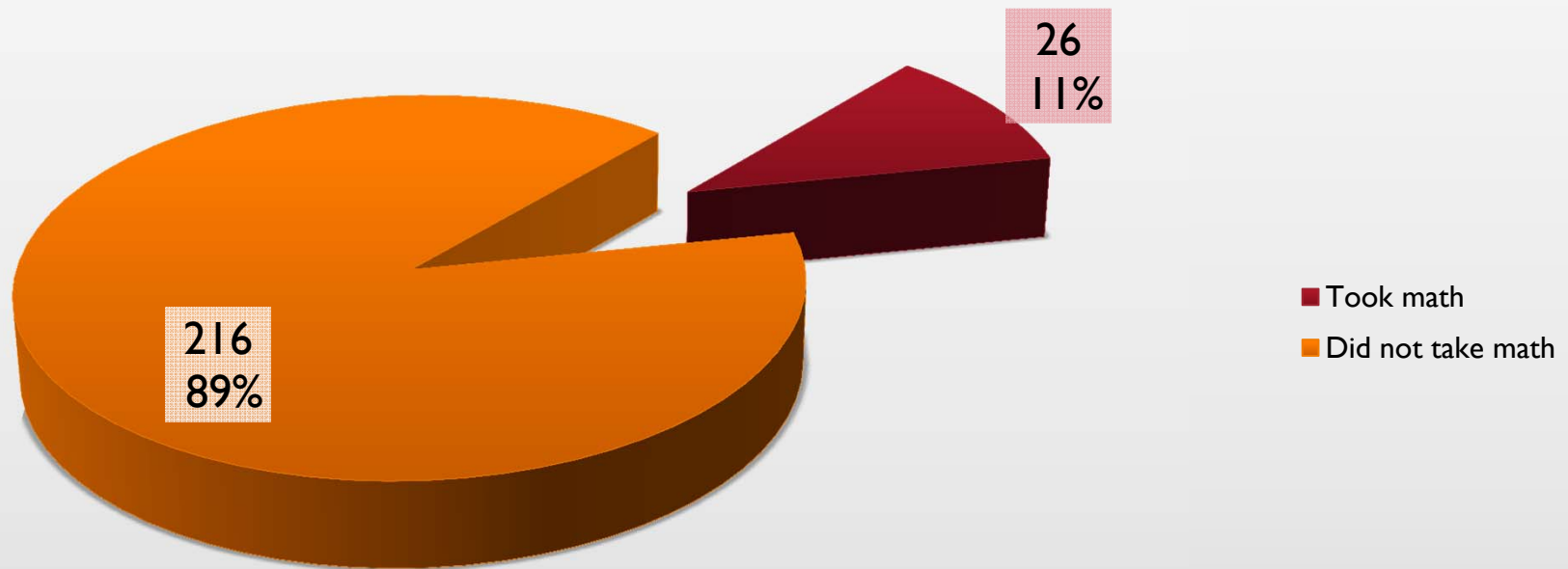
Motivation for the redesign

Since Spring 2009



Motivation for the redesign

Future of Students Testing into ABE Math



Solution proposed

- ▶ Reduce lengthy progression to college-level math courses.
- ▶ Address study skills.
- ▶ Opportunity to complete ABE Math & Math 22 Pre-Algebra in one semester.
- ▶ Class meets 4 days, 5 hours each week.
- ▶ Students can advance to Math 24 upon successful completion.

Solution proposed- Achieving the Dream Initiative

Strategies addressed:

- ▶ “Revamp the developmental education curriculum to incorporate study skills and motivation”
- ▶ “Compress the developmental sequence from four courses to three”
- ▶ “Increase the use of active learning strategies”

How the Class Got Started

- ▶ **Enrollment & recruitment:**

 - Collaborated with Trades & Technology Division

- ▶ **Scheduling:**

 - Tried to fit all the Trades' needs

 - Will create 2 sections (a non-restrictive & a Trades-focused section) next semester

Math 21-Interactive Activities

Construction Activity:



Math 21-Interactive Activities

Algebra Tile



Math 21-Interactive Activities

Mixed Numbers (with money!)



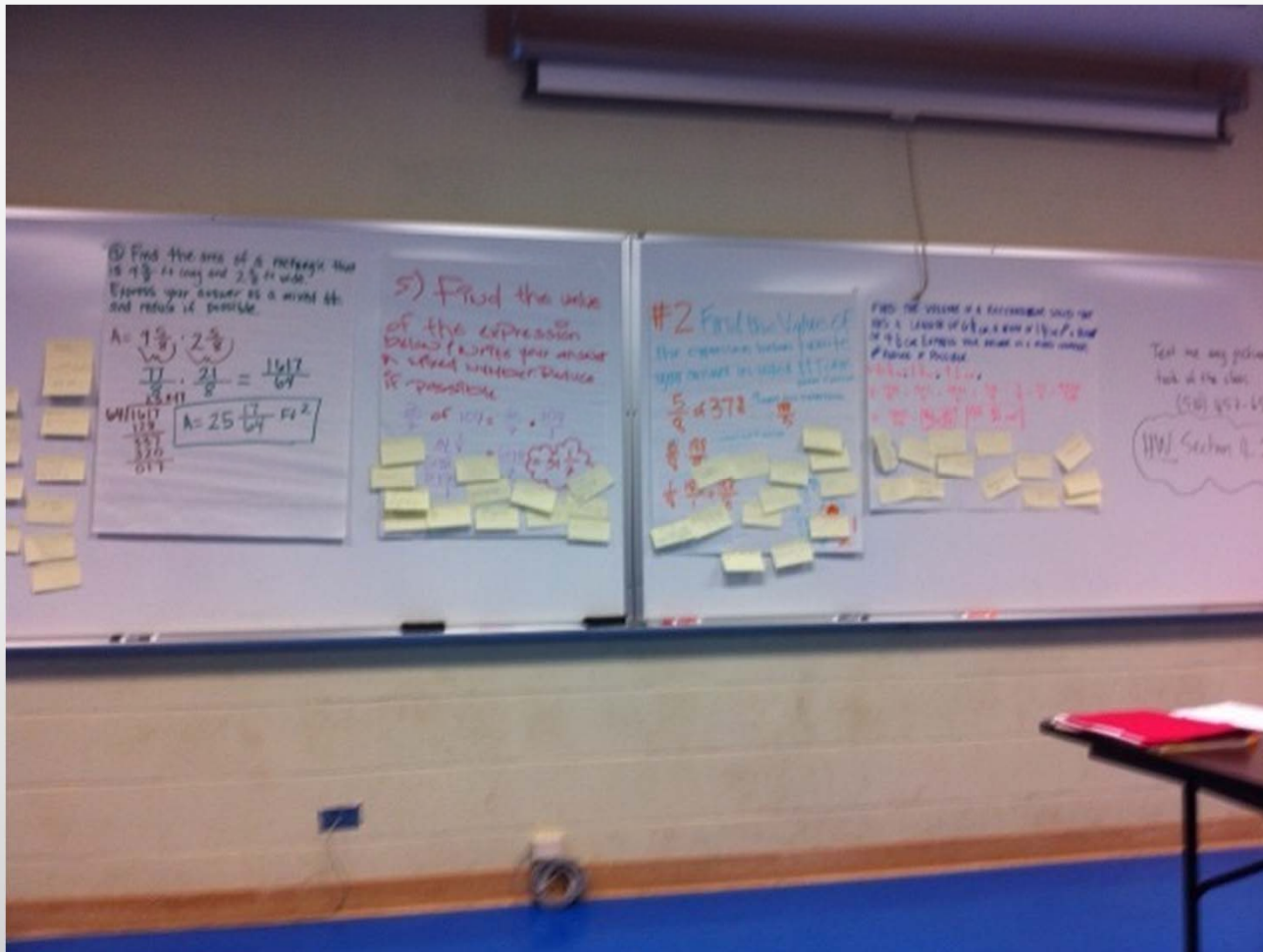
Math 21-Interactive Activities

Combining Like Terms



Math 21-Interactive Activities

Peer Evaluation



Thanks!

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