SCALE-UP
Student-Centered Activities for Large Enrollment Undergraduate Programs

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SCALE-UP: Student-Centered Activities for Large Enrollment Undergraduate Programs

- Actively **engage** students in their learning
- Design an **environment** to support learning
- Develop/modify instructional **activities**
- **Assess** impact on learning
- **Encourage** others to adopt what works
After 2 weeks we tend to remember...

- 10% of what we read
- 20% of what we hear
- 30% of what we see
- 50% of what we hear and see
- 70% of what we say
- 90% of what we say and do

Nature of Involvement

Books
Lectures
Transparencies
Exhibits
Demonstrations
Show & tell presentations
Multimedia simulations
Discussing
Explaining
Enacting the experience
Simulating the experience
Doing the real thing

Passive
Verbal Receiving
Visual Receiving
Receiving/Participating
Active
Doing

Active Learning

Compare:
Body Language
Initiative
Sound Levels
Involvement w/ Material

Individuals vs Groups
Day 1, Walking from NY to LA
Cooperative Learning Benefits

- Active/interactive learning (at upper Bloom levels)
- Individuals get stuck & give up. Groups share resources
- Students see alternative strategies.
- More and better questions are asked.
- Cognitive Rehearsal: students learn more when they teach others (just like us)
Cooperative Learning “Secrets”

- Individual **accountability**. Each member is responsible for doing their own fair share of the work and for mastering all the material.

- Positive **interdependence**. Team members have to rely upon one another.

- Face-to-face **interaction**. Some or all of the group effort must be spent with members working together.

- Appropriate use of **interpersonal skills**. Members must receive instruction and then practice leadership, decision-making, communication, and conflict management.

- Regular **self-assessment** of group functioning. Groups need to evaluate how well their team is functioning, where they could improve, and what they should do differently in the future.

A little history lesson...