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

- Verbal Receiving
- Visual Receiving
- Receiving/Participating
- Doing

Active

Passive

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

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.

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A little history lesson...