Team Based Learning

“Why is it, in spite of the fact that teaching by pouring in, learning by passive absorption, are universally condemned, that they are still so entrenched in practice?

John Dewey, Democracy in Education 1916 Page 46
EN • GAGE
verb\in•gaj, en•\
en•gaged•gag•ing
A: to hold the attention of
B: to induce to participate
(Merriam-Webster Dictionary)
Cooperative Learning

Problem Based

Team Based
Objectives

- Investigate team based learning as a principle instructional strategy
- Learn fundamental concepts of TBL
- LETS GET STARTED
Why Teach TEAMWORK?
High Reliability Organizations

- Hyper-complexity
- Tight Coupling
- Extreme Hierarchical Differentiation
- High Accountability
- Cost of Error
- Compressed Time

Team Based Learning

Deep Learning
Better Critical Thinking

Learning Pyramid

Source: National Training Laboratories, Bethel, Maine
Sharpened critical thinking skills – McInerney and Fink. Team-based learning enhances long term retention and critical thinking in an undergraduate microbial physiology Course. Microbiology Educ. 2003;4:3-12.
Enhanced Problem Solving
Can you say Bloom’s Taxonomy?

Beatty SJ et al. Team Based Learning in Therapeutics Workshop
Sessions. Am J Pharm Educ. 73(6):100

Approximately 91% of students felt team-based learning
improved understanding of course materials.
Backwards By Design

“BEGIN WITH THE END IN MIND”

Student Learning Objectives

GOAL SETTING
S - SPECIFIC
M - MEASURABLE
A - ATTAINABLE
R - RELEVANT
T - TIME-BOUND

It’s In The Syllabus

“Preparing your lesson plan…you could always say the dog ate your lesson plan.”
Enter the Dialectic

It's Not About the Grades

How do I Form Teams?
Group Size


Forty Things Drill

Double Alpine Butterfly Loop

www.animatedknots.com
Moon Base Exercise

http://www.nasa.gov/pdf/166504main_Survival.pdf

Monitor

Coordinators

Doers

Finisher

Evaluators

Team Seating
INDIVIDUALS ARE LESS LIKELY TO CONTRIBUTE IN GROUP PROJECTS, BECAUSE OF SOCIAL LOAFING.

Every Team Member Has A Role

TEXT STOP
PARKING AREA
1 MILE
Integrate Simulations

You didn't fail, your team fails you

Success
Failure

You didn't fail, your team fails you
THANK YOU!

CONTACT INFO
Richard Beebe
MedicThink@Gmail.com

THANK YOU!