TEAM-BASED LEARNING, FRIENDSHIP, SATISFACTION, AND STUDENT RETENTION

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FLIPPED CLASSROOM

Source: www3.gobiernodecanarias.org
The Flipped Classroom

**IN CLASS**
Students practice applying key concepts with feedback

**OUT OF CLASS**
Students check their understanding and extend their learning

**BEFORE**
Students prepare to participate in class activities

**DURING**

**AFTER**

Source: John Gunyou
WHAT IS TEAM-BASED LEARNING (TBL)?

It is more than just a “flipped” classroom, collaborative or cooperative learning
“Team-based learning” is a particular instructional strategy designed to:

a) support the development of high performance learning teams and
b) provide opportunities for these teams to engage in significant learning tasks.

TBL (MICHAELSEN, KNIGHT & FINK, 2004)
Figure 1. Team-Based Learning and the readiness assurance process. Source: Dr. Larry Michaelsen
LITERATURE REVIEW


LITERATURE REVIEW


SO, WHAT IS HAPPENING IN THESE TEAMS?

Methods & Procedures

- TBL-SAI© administered in AGBU 2317 - Principles of Ag Economics, course taught using TBL
- Multiple linear regression
  - Set of demographic questions - explanatory variables
  - One question from TBL-SAI© - overall satisfaction with TBL (n=232) - dependent variable
- Paired t-tests - friendship and retention
RESULTS
GPA & OVERALL SATISFACTION WITH TBL

< 2.0  2.0-2.49  2.5-2.99  3.0-3.49  3.5-4.0
   p<0.01  

p<0.10
A (p < 0.001)
B (p < 0.05)
C
D (non-sig)
PREVIOUS GROUP WORK & OVERALL SATISFACTION WITH TBL

\[ p < 0.001 \]
NO FRIEND... FRIEND ON TEAM & OVERALL SATISFACTION WITH TBL

http://www.huffingtonpost.ca/2016/09/09/lonely-university-students_n_11932012.html

http://www.samaritans.org/students

p<0.001
NO FRIEND...FRIEND ON TEAM & STUDENT RETENTION

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p<0.001
ENTRING GPA AND TBL SATISFACTION-PERCEPTION OF WHETHER BEING PART OF A TEAM HELPS OR HURTS

Yet, TBL satisfaction is significantly higher when students expect a higher course grade

Students with previous group experience are more satisfied with TBL

Making a friend on the team- TBL satisfaction and student retention significantly greater
SUMMARY

- Flipping the classroom
- TBL and RAP
- Personal characteristics and TBL satisfaction
- Making a friend on a team significantly impacts TBL satisfaction and student retention