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Using simple technology to engage student learning in large enrollment courses.

Lisa Burgoon, MS, EdM
University of Illinois at Urbana-Champaign
Agricultural Leadership Education Program



illinois.edu

Session Overview

- Framing engagement in large leadership classroom
- Three Simple Tips:
 - Music
 - Audience response systems (i-clickers)
 - Innovative group project presentations
- Plus 1 more...that works for me



AGED 260: Introduction to Leadership Studies

- Interdisciplinary-freshman through senior
- Survey course of major leadership theories
- First in the required sequence for the Minor in Leadership Studies
- 180+ students each semester



Name a Leader

- Write down the name of one leader and one reason why you identified this leader.
- Now, pair and share each of you describing your leader—Go!




Music in the Classroom

- Have a purpose
- Find music that makes sense for your topic
- Reaches a broad audience
- Signifies experiential activity
- Clear end of activity
- Provides a “break”
- Engage students in finding appropriate music



Examples

- Servant Leadership—putting followers first and guiding followers and organizations to do the right thing.

Lady Antebellum-Act
of Valor “I was here” 

- Values-based leadership—social change model, ethical leadership, servant and transformational leadership.

Fun-Some Nights
“Some Nights” 



Audience Response Systems (“Clickers”)

- Illinois i-clicker

The screenshot shows a presentation slide titled "LEADERSHIP" with the subtitle "Theory and Practice with i-clicker". The main content is "Servant Leadership Questionnaire". It includes instructions: "Complete the questionnaire" and "You will compare/contrast this questionnaire with the MLQ (for Transformational) questionnaire for LTA 2". Below this is a question: "Follower receptivity is a necessary condition to the successful use of leader behaviors in this leadership theory." with four options: A. Path-goal leadership, B. Social change model of leadership, C. Servant leadership, and D. Opportunistic leadership. A small i-clicker device icon is visible in the bottom right of the slide. Below this is another slide titled "LEADERSHIP" with the subtitle "Theory and Practice with i-clicker". The main content is "Model of Servant Leadership (Liden et al., 2008)". It lists outcomes: "Follower performance and growth (like TF leadership)", "Organizational performance (like Teams Leadership)", and "Societal impact (like Social Change Model)". It also includes examples: "Ex. Mother Teresa and Sisters of Charity" and "Ex. Southwest Airlines".

Follower receptivity is a necessary condition to the successful use of leader behaviors in this leadership theory.

- A. Path-goal leadership
- B. Social change model of leadership
- C. Servant leadership
- D. Opportunistic leadership



i-clickers-Practices for engagement and student learning

- Specific goals for using i-clickers (Duncan, 2008)
- Explain to students why you are using clickers (Duncan, 2008; Draper, 1998; Dallaire, 2011;Lantz, 2010)
- Type and timing of questions (Weerts, 2009)
- Peer instruction in real time (Duncan, 2008; Lantz & Stawiski, 2014; Weerts, 2009)
- Not less than 5% nor more than 15% of course grade (Caldwell, 2007)
- It's the discussion of i-clicker questions that produces the learning. (Lantz & Stawiski,2014)



Figure 1. Rate how helpful i-Clicker questions are in helping you learn course material.

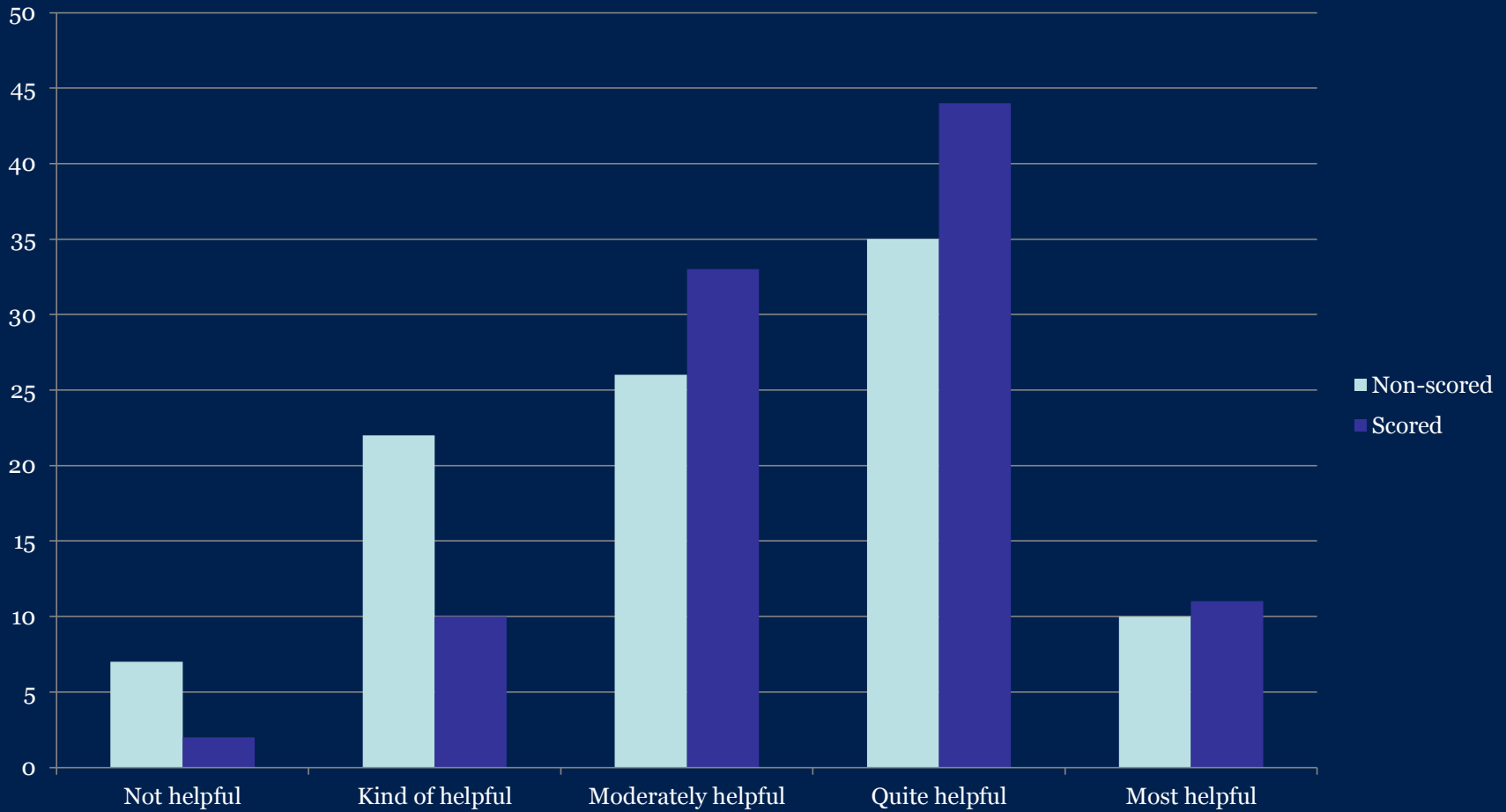
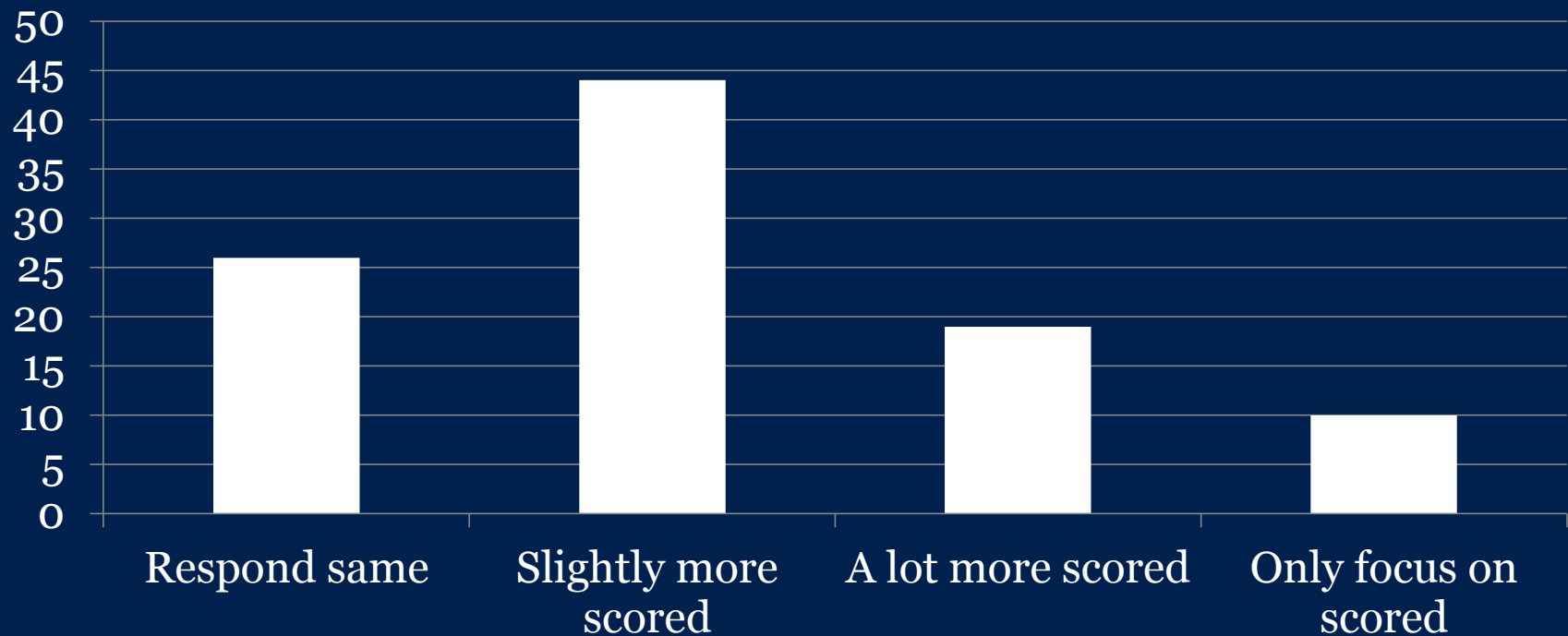


Figure 2. Rate the difference in how much time and thought you put into scored vs. non-scored iClicker questions.




Sample Question

Classroom Scored Question

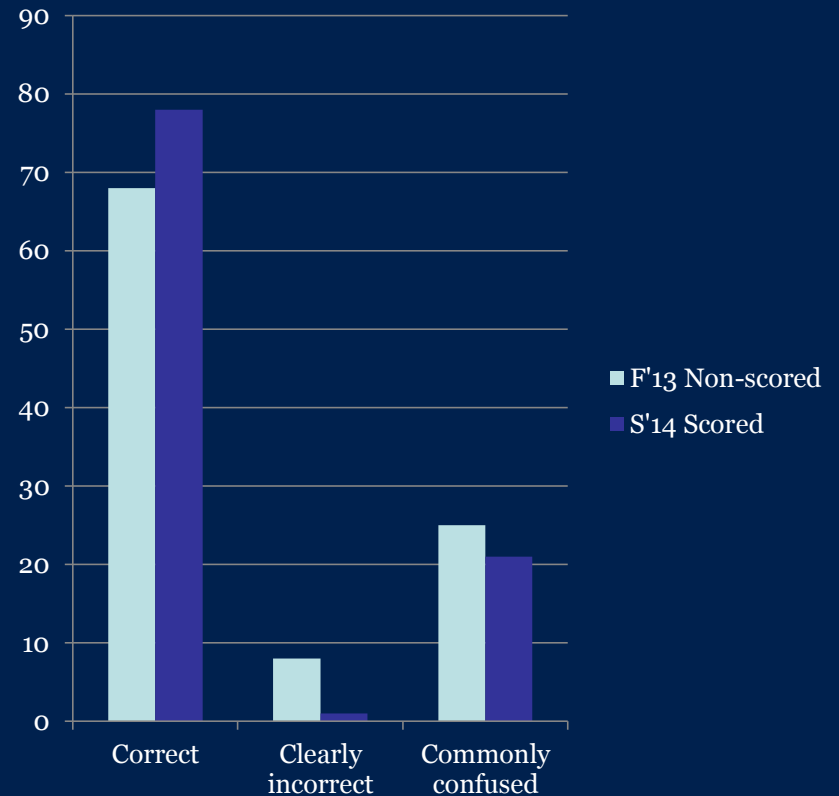
Question 4

Conceptual skill in Katz's approach is similar to which of the competencies in Mumford's Skill Model?

A. Problem-solving
 B. Social judgment
 C. Knowledge



Results



Our Group Project Presentation

- Benefits in a large leadership course
 - Builds community
 - Practice leadership in the way we are teaching leadership (interactions, relational, group process)
 - Team processing
 - Innovation
- Final presentation style rule: “No PowerPoint, no Prezi”
- Yikes, what will happen?!





CU

STYLE

How does the leader affect performance?
 How much of an impact does the leader's behavior have on the followers?

Build Camaraderie

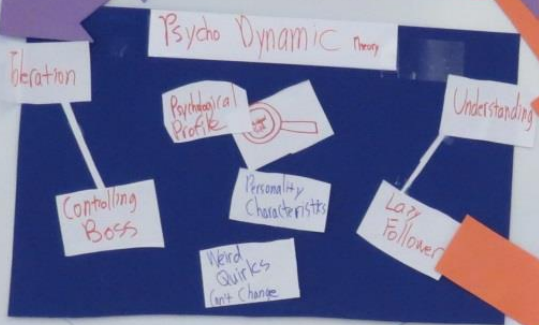
Behaviors Task Related

SITUATIONAL

FOLLOWERS MOVE BACK AND FORTH ALONG A DEVELOPMENTAL CONTINUUM

HIS APPROACH FOCUSES ON THE IMPORTANCE OF ADAPTING HIS OR HER STYLE TO WHAT HIS OR HER FOLLOWERS NEED.

LEADER BEHAVIOR CONTINUUM: HIGH STRUCTURE, LOW RELATIONSHIP vs. LOW STRUCTURE, HIGH RELATIONSHIP



Followers

Followers are the people on whom leaders depend and lead to the common goal which they are trying to achieve. Follower-based leadership is when a leader puts their focus and effort into the followers in order to make it easier for them to accomplish their tasks and goals. Focusing on followers is important because leadership is both a process and a reciprocal relationship between leaders and followers.

People, Motivation, Feelings, Leadership Process

Path-Goal Theory

Goal is to find the right behavior style

Produce Results! → Money!

Not what the employer can do for you. But what you can do for your employer!

Supervisor: Desire for control, Focus, Autonomy, Motivation

Boss: Needs to be supportive, Provide Encouragement with what they need!

Achievement-Oriented

Servant

Paradox both service influence

NECESSARY CONDITIONS: Servant's Culture, Leader's Attributes, Follower's receptivity

OUTCOMES: Follower's Performance, Growth, Organizational Performance, Societal Impact

BEHAVIORS: Conceptualizing, Emotional Healing, Activating, Followers' Perceptions, Helping, Followers' Career Success, Empowering, Encouraging, Enabling, Creating VALUE for the community

LIBBY ET AL., 2005

TEAM LEADERSHIP

ADD Value!

Everyone has a place!

Improve Follower Performance

Boost Morale

You Can Do It!!

Effective Team Leaders

1. Focus on the Goal
2. Ensure a Collaborative Climate
3. Build Confidence
4. Demonstrate Sufficient Technical Know-how
5. Set Priorities
6. Manage Performance



BEHAVIOR



SKILLS APPROACH

- The way of learning an ability and applying knowledge to achieve goals
- Having human skills and understanding how to work in a group

STYLE APPROACH

- What leaders do and how they act towards their followers
- Task: achieve objectives
- Relationship

TEAM GOAL

- How leaders motivate subordinates to accomplish designated goals
- Choosing behaviors that complement what is missing in the work setting

EMOTIONAL INTELLIGENCE

- It is ability to understand and manage your own emotions and those of the people around you
- Empathy and Emotion Control

PERSONALITY

- Personality is a collection of stable and unique traits that make up an individual's personality
- It is your thinking, feeling, and acting patterns that make up your personality
- It is the way you think, feel, and act
- It is the way you interact with others

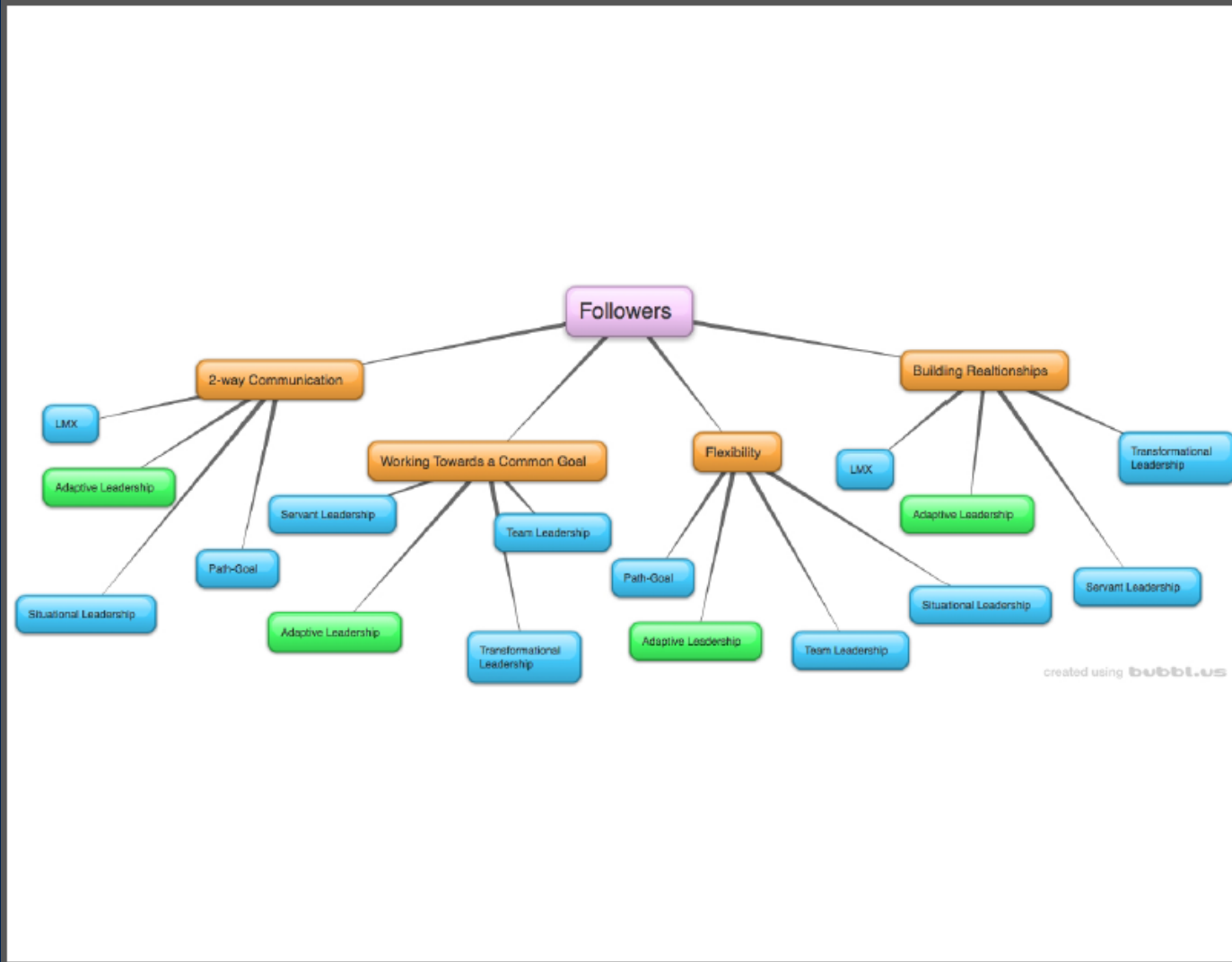
CHARACTERISTICS

- How the leaders act, subordinates, and situations affect each other
- Understanding their behavior as a result of their personality

TRAIT APPROACH

- It is based on the personal qualities and characteristics that make them great leaders
- Specific traits such as: creative, intelligent



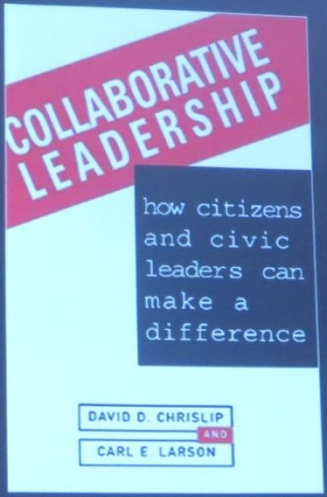


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https://sites.google.com/a/illinois.edu/collaborative-leadership/collaborative-leadership

Apps Fun stuff U of I FFL box Prez HE Internships Stats Stuff SJR - Journal Search ASHE SNA Publications Research Gate courses.education.ill...

the followers to get the work done effectively.



Chrislip and Larson are not the only writers who have taken a stab at laying out the best methods for accomplishing a collaborative group atmosphere, however. Another notable collaborative model comes from Hank Rubin, the author of "Collaborative Leadership: Developing Effective Partnerships for Communities and Schools" and the President of the Institute of Collaborative Leadership. Rubin states that the ability of the leader to assess the followers and influence them in a way that will inspire and motivate them through moulding their behaviors and beliefs to fit a collaborative mindset. This ability to behave in a way that brings out the best in group members has a lot to do with emotional intelligence, especially social awareness.

Want more Google Sites designs, tutorials and helpful information for free?

Windows taskbar showing icons for Internet Explorer, File Explorer, OneDrive, a game (DEAD), Google Chrome, Word, PowerPoint, Excel, Outlook, a calculator, a clock, a printer, a folder, a presentation, a calendar, a globe, and system tray icons for volume, network, and battery. The system tray shows the time as 9:03 AM and the date as 5/1/2015.

Creative, accurate videos and stories

- [Illinois Media Space](#)
- Password protected digital storage
- AGED 260 “Channel”



Plus 1 Tip-Video Course Summary

- Shows learning process over 16 weeks
- Does not use PowerPoint
- Demonstrates creativity
- Incorporates student work
- [Illinois Media Space](#)



Summary

- Choose your technology based on pedagogy
- Anticipate that sometime your technology will crash (and have a plan)
- Good teaching and learning practice includes multiple methods and education styles
- Using “clickers”-develop high level questions; encourage students to interact and peer teach
- Fit the technology to your personality and style

Adapted in part from: Brown, R and Stephenson, T. (2014). Guiding principles for teaching with technology. NACTA Teaching Tips/Notes, June 2014.



Bibliography and Resources

- Brown, R and Stephenson, T. (2014). Guiding principles for teaching with technology. NACTA Teaching Tips/Notes, June 2014.
- Caldwell, J.E. (2007). Clickers in the Large Classroom: Current Research and Best-Practice Tips. *Life Science Education*, 6: 9-20.
- Dallaire, D.H. (2011). Effective use of personal response “Clicker” systems in Psychology courses. *Teaching of Psychology*, 38(3): 199-204.
- Draper, S. (1998). Niche-based success in CAL. *Computer Education*, 30: 5-8.
- Duncan, D. (2008). Tips for Successful “Clicker” Use.
<http://casa.colorado.edu/~dduncan/clickers>
- Lantz, M.E. (2010). The use of ‘Clickers’ in the classroom: Teaching innovation or merely an amusing novelty? *Computers in Human Behavior*, 26: 556-561.
- Lantz, M.E. & Stawiski(2014). Effectiveness of clickers: Effect of feedback and the timing of questions on learning. *Computers in Human Behavior*, 31: 280-286.
- Weerts, S. E. (2009). “Clicker” technology promotes interactivity in an undergraduate nutrition course. *Society for Nutrition Education*, 41(3): 227-228.

