



Teaching with Clickers at UW

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Outline

- Teaching and Clickers
- Clickers at UW
- Clicker Demonstration
- Clicker Technology
- Clicker Management
- Getting Started with Clickers



Teaching and Clickers

Concept Map about Clickers

<http://cte.uwaterloo.ca/clickers.html>

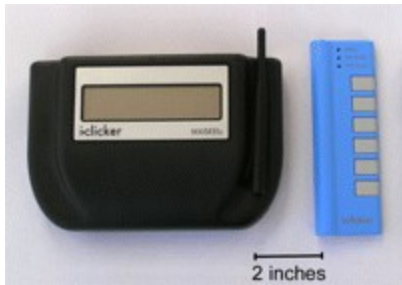


Clickers at UW

■ Clicker	Class Size	Term(s)	Course	Instructor	Opt/Req'd
■ CPS	1150	F07	AFM 131	Bob Sproule	
■ iClicker	277	F07	CS 100	William Malyk, Trent Tucker	Required
■ iClicker	300	F07	STAT 202	Ali Ghodsi	Required
■ iClicker	95	F07	STAT 206	Peter Balka	Required
■ iClicker	144	F07	STAT 211	Peter Balka	Required
■ iClicker	85	F07	SYDE 183	Maud Gorbet	Required
■ iClicker	950	F07	PHYS 111	Joe Sanderson, G. Harris, K. Bizheva, Brian McNamara	Optional
■ iClicker	620	F07	CHEM 266	Steven Forsey, Xiangdong Fang	Required
■ iClicker	800	F07	CHEM 120	C. Bissonnette, Dara Gilbert	Optional
■ iClicker	60	F07	GEOG 309	Ellsworth LeDrew	Required
■ iClicker	185	F07	GEOG 102	Ellsworth LeDrew	Required



TurningPoint



iClicker



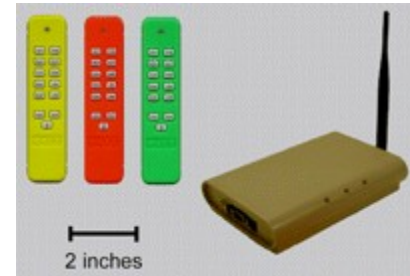
2 inches
Interwrite PRS



CPS



Qwizdom Q4



H-ITT



Clicker Demonstration

Concept Clicker Question

True or False. You were once exactly 3 feet tall.



Clicker Demonstration

Misconception Clicker Question

Monty Hall Problem

Dr. David DiBattista

<http://citg.brocku.ca/~cr03rz/monty/Interface.swf>

Choose a door. Then choose to stay or switch doors.

Estimation Clicker Question

How far above the surface of the earth must you be for your weight to be only $1/4$ of what it is when you are on the earth's surface? (RE = radius of the earth)

1. RE
2. 2 RE
3. 3 RE
4. 7 RE
5. 15 RE



Clicker Management

- Instructor Support
- Roster Handling
- Grade Handling
- FIPPA: Freedom of Information & Protection of Privacy
- Multiple Clickers on Campus
- Clicker Cost



Getting Started with Clickers

- Read:
- Caldwell, J.E. (2007). [Clickers in the large classroom](#) : Current research and best-practice tips. *Life Sciences Education*, 6(1), 9-20.
- Judson, E., & Sawada, D. (2006). Audience response systems: Insipid contrivances or inspiring tools?. In Banks, D. A. (Ed.), *Audience response systems in higher education: Applications and cases*. Hershey, PA: Information Science Publishing.



Getting Started with Clickers

- Visit a clicker class
- Ask for a demonstration
- Contact: Paul Kates, Mathematics Faculty CTE Liaison (x37047, pkates@uwaterloo.ca)
- Contact: Mark Morton, CTE Senior Instructional Developer, Technology (mmorton@uwaterloo.ca, x37765)