Using Classroom Response Systems to Enhance Teaching and Learning
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Abstract
Today’s student needs more active learning technology tools to remain engaged. This presentation will provide interactive discussions by examining a classroom response system (CRS) example from both the student and teacher viewpoints. The interaction will allow attendees to understand CRS as a formative feedback tool.

Learning Objectives
The learner will identify three uses of CRS to provide formative feedback.

Use of Classroom Response Systems in the classroom:
Uses higher cognitive processes
Higher critical thinking skills
Improved retention
Deeper understanding of material

Interactive Learning Environment
Enhance student learning allowing students to engage in the classroom
Appeals to their learning characteristics
Appeal to a variety of learning styles
Highlight key points better than readings
Students are comfortable to use for communication with instructors.

Technology in the classroom:
The learner will apply two examples of using CRS as a technology tool in a course.
The learner will identify three uses of CRS to provide formative feedback.

Example of One CRS (Socrative)
Utilize simple true/false to more complex questions including short answer questions and select all that apply (SATA) questions
Student or teacher-paced mode
Internet accessible and may be used with a laptop, tablet, or smartphone
Cost-effective versus older clicker devices that are expensive to the institution or student.

Benefits to the Teacher
Formative evaluation of classroom learning
Learner appropriate pace of information sharing
Efficient use of classroom time
Involves all students (even larger classes)
Clarity record individual results in an Excel spreadsheet to evaluate at a later date

Teacher Feedback
“Easy to assess and evaluate what the students are learning during the class”
“Increased engagement in the classroom was noted”

Benefits to the Learner
Engagement of all learners
Increased student involvement
Increase self-esteem Work independently actively in small groups
Utilize test-taking skills without feeling the anxiety of real testing earn higher course grades than those who do not use this technology

References

Student Comments about Socrative
“I enjoy using Socrative to provide feedback and engage during class”
“Socrative always goes live the class”

I love using Socrative to provide feedback and engage during class

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