

e-Instruction: Classroom Performance System Non-Cluster Specific

(Across-The-Board = Non-Program Specific)

Name and Description of Project:

The e-Instruction: Classroom Performance System (CPS) is an interactive student response system which allows students to interact during classroom instruction without the embarrassment of giving wrong answers. Using a remote, students provide their answers which are received on the teacher's computer. Data can be collected and immediately formulated to allow the teacher to modify current instruction. For testing, students can be taking multiple versions of the same exam with no identifiable distinction which provides privacy for students receiving modified exams or allows multiple versions to be used to prevent cheating in crowded classrooms. With training teachers will learn how to use CPS to not only improve student interaction and decrease time spent grading student work, but also be able to generate reports directly correlating student learning to the Arkansas frameworks for all FACS courses. After students enter their exam answers, a report can be immediately generated to show not only which questions were missed, but which framework objectives they represented. Teachers can then modify lessons to re-teach objectives not mastered by the students or adjust lessons to move more quickly through objectives on which students already show mastery. If used as a pre-test tool at the beginning of the semester, this type of data provides teachers with information to customize their approach to the frameworks, to accommodate existing student knowledge for advancement to higher level learning, and adjustment of time spent on objectives that are unfamiliar to the students. CPS is also compatible with ExamView software which is available with most FACS textbooks.

Major Activities:

Professional development training for each teacher using CPS prior to classroom use.

Technical support to insure proper installation of software and hardware.

Continued technical support and professional development as upgrades in software are made available. Upgrades are free downloads for existing users but teachers may need additional training on new features.

Performance Indicator:

CTE skill attainment

Measurement:

The success of this project will be measured by teacher reports generated from the CPS which directly correlate student learning to Arkansas FACS Framework Objectives. Pre-test data collected at the beginning of the semester can be compared to final test data collected at the end of the course.

Professional Development:

Teachers will attend professional development provided by eInstruction to implement this project. Professional development is needed during the initial implementation and continued throughout use as teachers become more familiar with CPS and are able to use advanced features.

Instructional Materials/Supplies:

None required

Equipment:

CPS includes software which must be downloaded on the teacher computer, a receiver unit which installs through a USB port, student response pads (one needed for each student in the teacher's largest class, maximum of 32). Estimated cost \$1995

Optional Chalkboard (wireless handheld tablet that can be used with or without CPS). Estimated cost \$395

Computer Requirements: If existing computer does not meet these specifications, an upgrade will be necessary.

PC: System Requirements: * Intel Pentium III or higher processor * At least one open USB port * A minimum of 512 MB RAM * At least 120 MB of hard drive space for CPS software; databases may require more hard drive space * Microsoft Windows 2000 with Service Pack 4, Windows XP Professional with Service Pack 2, or Windows Vista * Screen resolution of 800x600 or higher

MAC System Requirements: * Mac OS 10.3.9 or higher * PowerPC G3 300 MHz or better processor, including Intel * 256 MB of physical RAM (512 MB recommended) * 200 MB of free hard disk space * One open USB port * Screen resolution of 800x600 or higher

What is CPS?

The Classroom Performance System (CPS), by eInstruction, is an easy-to-use IR (infrared) or RF (radio frequency) response system that obtains immediate feedback from every student.

Simply pose a question verbally, using hard copies, or create ahead of time using one of eInstruction's 57 question templates and wait a few seconds while each student enters an answer on his or her individual response pad. Every student is involved. No one is embarrassed or shy about giving an answer. They're having fun and behind the scenes CPS is correlating all the results, freeing the teacher to teach. Use the technology in your classroom one time and your students will ask for more!

How you can use CPS in YOUR classroom:

- Streamline your grading. Your CPS results can be easily exported to Excel, Word, PDF, or the CPS Gradebook.
- Pass out a paper test and allow students to answer at their own pace. CPS' automated assessment feature lets students answer test questions at their own pace while keeping track of answers and grades behind the scenes.
- Use CPS to increase benchmark test scores. CPSOnline gives you immediate results school- and district-wide - making CPS an ideal tool for benchmark testing.
- Provide a non-threatening environment allowing all students to participate - even the shy ones.
- And now when you combine the Classroom Performance System with ExamView, you have the best interactive classroom assessment solution available. By design, these leading tools are now fully integrated to bring you the most effective timesaving tools you will find for testing, grading, and driving student motivation.

Professional Development Training Schedule

Our Professional Development Training is an all-day session on the Classroom Performance System. We begin the day showing you the many different ways you can use CPS in your classroom. Then you'll have hands-on exercises using our software and system.

If you do not have CPS, you can purchase systems with PDS training or if you already have CPS, you can purchase just training.

Contact Information

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