

# Applying Stimulus Package Funds in Education to eInstruction Products



eInstruction™

Simple Solutions. Real Results.



# Working with eInstruction to Target Stimulus Package Funding

## *Interactive Hardware: CPS IR systems*

CPS IR Systems: Simple infrared response devices that allow for data capture of paper based assessments

- Buttons are easy to identify and press and the color contrast on the pad can be identified by students with color-blindness
- Easy to hold, and the shape of the IR pad allows students to orient the top of the IR pad (the top is flat, while the bottom is curved)
- Serve as **assistive technology** *Augmentative and Alternative Communication (AAC)* devices that allow students who are non-verbal to engage and answer questions in class (particularly useful for students with speech/language impairments, hearing impairments, and/or pervasive developmental disorders like Asperger's Syndrome or Autism)
- Very durable and can withstand abnormal use by students with special needs



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## *Interactive Hardware: CPS RF systems*

CPS RF: radio frequency response devices with an LCD screen and numeric open response capabilities

- LCD screen provides **immediate feedback** to students, with various options for a modified assessment
- Capability for open response items gives students **extra practice** opportunities for answering short answer type questions, which tend to be a challenge for students with special needs
- No line of sight is required for students using this pad, which makes it easier for students who struggle with being able to “point” to the receiver



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## *Interactive Hardware: Interwrite® Mobi*



Interwrite Mobi with KWIK (Know What I Know) Screen: interactive handheld pad that gives instructors mobility in a classroom as they engage lessons and review assessment feedback

- Provides feedback through an LCD screen that allows the instructor to **frequently check for student understanding**
- Allows instructor to move freely throughout the classroom to **observe student behavior and learning**
- Gives instructor the ability to easily provide **1:1 instruction** while engaging lessons and assessments for the entire class



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## *Interactive Hardware: Interwrite Mobi Learner*

Interwrite Mobi Learner : interactive pad that allows multiple students in a class to interact and collaborate simultaneously

- Collaborative uses of the MOBI Learner provide **experience-based instruction** to supplement or introduce **group instruction**
- Allows for **peer teaching** and **one-on-one peer support** in group situations
- Encourages students with special needs to learn by **modeling** appropriate learning behavior



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## *Interactive Hardware: Interwrite DualBoard*

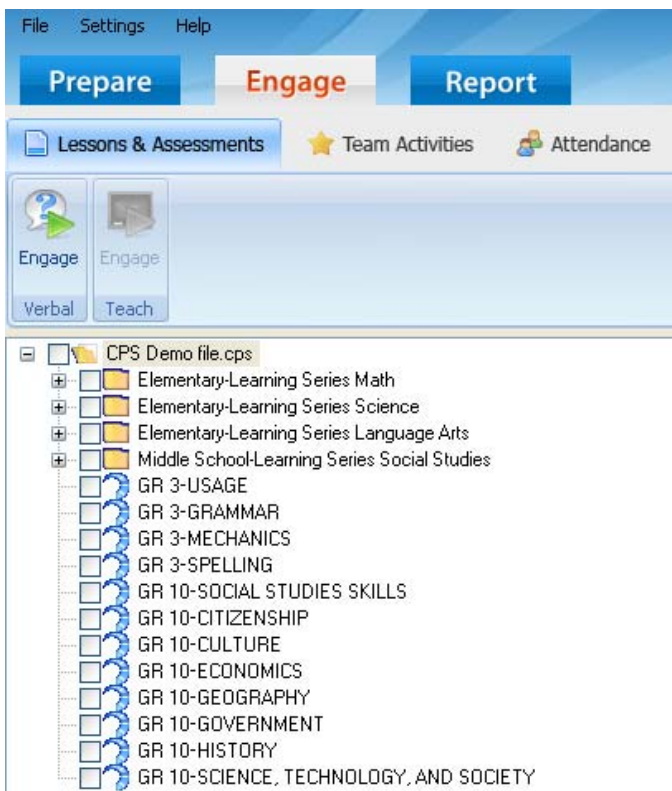
InterwriteDualBoard: interactive board that allows two students to engage and interact at the board simultaneously

- The multi-user functions of the DualBoard allow 2 people to work at the board at the same time
- Allows the teacher to engage with a student with special needs at the board, simultaneously, for **1:1 instruction** at the board
- Encourages students with special needs to “watch and learn” at the board side-by-side with a peer



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## Interactive Software: CPS Instructor Software



CPS Instructor Software: allows instructors to deliver lessons and assessments with CPS response student hardware

- Team activities can be used to provide the modification of giving a **preview of test questions**
- Individual **student study guides** can be automatically created after assessments, so that students can have **immediate feedback** and review their correct/incorrect responses
- Timer feature allows for **individualized student pacing** and **extra time to complete assignments**
- Seamless integration with Learning Series questions across grade levels and content areas allows for **differentiated instruction**



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## *Interactive Software: CPS vClicker*



CPS vClicker : software that works with the CPS Instructor software and CPS PowerPoint to allow virtual response software on student computers in a hybrid, computer lab, or 1:1 environment, with distance learning capabilities coming (Summer 2009)

- Ability to use either CPS hardware or virtual CPS on a student computer allows students with physical disabilities to engage in lessons in a hybrid environment with various types of **assistive technology**
- Ability to **change the size and color contrast** of the virtual clicker viewing area to accommodate students with visual disabilities

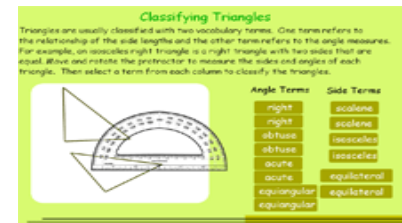


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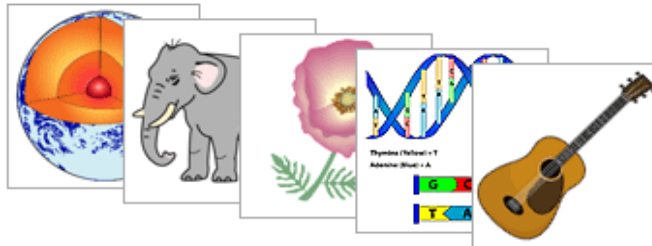
## Interactive Software: Interwrite® Workspace

Interwrite Workspace software: interactive software that seamlessly integrates with ExamView and CPS software and can be used with any desktop software, as well as any type of interactive board and pad devices

- **Manipulative tools** in the content gallery are great for **hands-on** and **multi-sensory learning** and **support repetition of core concepts**



- Interwrite Workspace images provide **visual cues** and **improve comprehension**













- Interwrite Simulations provide interactive **previews of new content/concepts**



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## *Interactive Software: Interwrite Workspace*

### Interwrite Workspace software: interactive tools

- Ability for teachers to provide **recorded assignments and notes** to students through the *Record and Playback*  and *Capture*  tools
- Highlighter , curtain , and spotlight  tools allow for an **emphasis on major points** and **enhance contrast**
- Various font options and the magnifier  tool **optimize the print size/type** for students with visual impairments
- Freehand shape  and freehand text  tools reinforce fine motor skill development
- Audio  or video  supplements make information more accessible for emerging readers
- **Copies of board work/notes** can be provided by printed PDF or e-mail 



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## *Interactive Software: Exam View® Assessment Suite*

**Exam View Assessment Suite:** create items and generate assessments with access to over 6,000 textbook titles by more than 60 textbook publishers, deliver those assessment items to students, and immediately view the student assessment data in customizable reports. The Test Generator *Preferences* allow for the following instructional modifications:

- **Highlighting** of questions/answers on the test
- **Modified formatting** through various item numbering answer choice types
- Modification of question types to **reduce answer choices**
- Change column formatting and/or spacing between questions to **modify the layout** for a whole test and enhance readability, for individual questions, and/or for the answer choices
- Automatically create **visual prompts** for questions, such as write on lines

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## *Interactive Software: Exam View Assessment Suite*



Test Generator *Preferences* allow the following instructional modifications (cont'd):

- Add questions to a test by searching by various criteria (difficulty level, learning objective, national/state/local standards, keywords, and misc notes like **modified item**)
- **Emphasize key words** in a question stem (bold/underline/italicize)
- **Modify grading** by changing point values for questions (including completion points)
- **Simplify/shorten test instructions**



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## *Interactive Software: Exam View Learning Series*

**Exam View Learning Series:** over 300,000 state-standards aligned dynamic content items across grades K-12 in math, science, language arts, and social studies content areas

- Ability for teachers in mainstream/inclusion settings to **differentiate instruction** to provide students with instructional content at various grade levels **above/below** a student's grade level enrollment
- Provides standards-aligned interdisciplinary content for teachers who work with students in "special" learning environments like **content mastery** classrooms and **resource** classrooms
- Ability to deliver instructional content and assessment content to measure student performance towards meeting standards-aligned **IEP (Individual Education Plan)** learning objectives

ExamView®  
**Learning Series** 

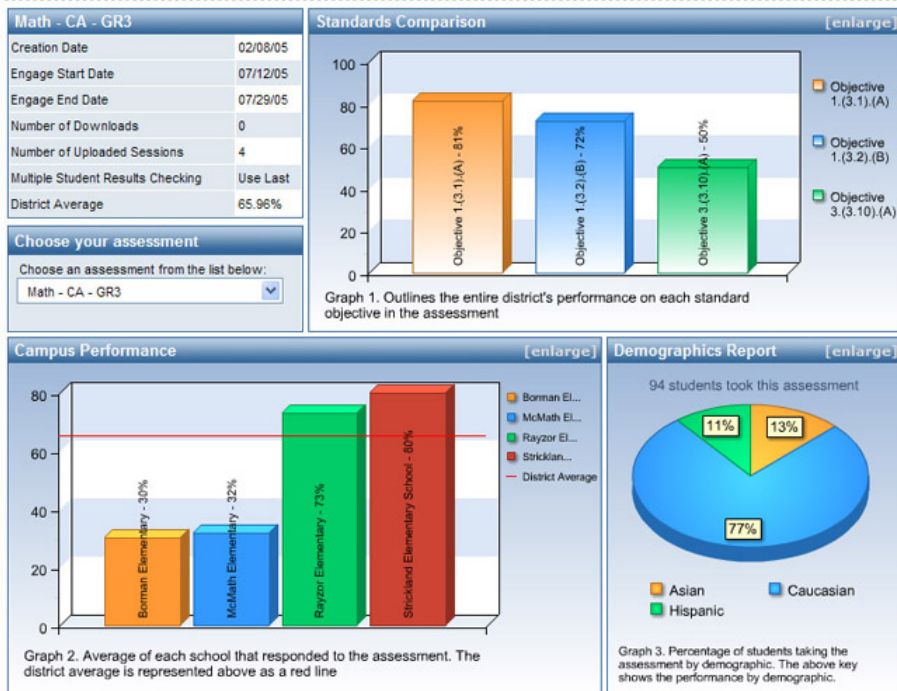


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## Interactive Software: REAP

REAP

Real-time Evaluation of Academic Progress



REAP (Real-Time Evaluation of Academic Progress) : School and/or district assessment application that aggregates data captured by interactive response software/hardware and that interfaces with various LMS apps

- Online assessment dashboard allows views **disaggregated performance data**
- Real-time assessment feedback allows for **immediate intervention**
- Reports allow educators to **compare individual student performance** with class, campus, and district performance
- Assessment reporting options **allow for test retakes** and modified scoring

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## Strategic Partnerships: netTrekker



Find the **Right Resources**

*for Every Student. Every Educator. Every Time!*

This award-winning education search engine brings the best of the web to K-12 students, teachers, librarians, and parents. netTrekker d.i. connects you and your students to more than 300,000 hand-selected, educator-approved sites organized by readability level and aligned with your state standards, providing resources ideal for every student's learning needs with safe, reliable results.

eInstruction's Exam View reports give netTrekker customers seamless access, by state standard, to specific targeted resources.

"I recently saw a demonstration of netTrekker d.i. and was impressed by the variety of quality online resources that are delivered in a format that meets the unique learning needs of every student. netTrekker d.i. is a great resource to help every child learn and succeed!"

–Bill East, Exec Director,  
National Association of State Directors  
of Special Education



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## *Strategic Partnerships: Study Island*



**STUDY ISLAND**

Partnership with eInstruction and Study Island offers the following:

- Access to additional web-based instructional content aligned to state standards
- Ability to use eInstruction response systems to capture assessment data if web access isn't available to each student
- Flexibility in learning location, since students can access Study Island in the computer lab, classroom, library, or even at home



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## *Strategic Partnerships: Discovery Learning*



Partnership with eInstruction and Discovery Learning offers the following:

- Ability to integrate 80,000 concept-level video clips, virtual labs, interactives, audio files, and lesson plans into CPS response software
- Collaborative professional development using eInstruction response systems to train educators to meet the needs of technology-savvy students
- Ability to access hundreds of free teacher created lesson plans that can be delivered within eInstruction's Interwrite Workspace interactive software



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## *Strategic Partnerships: Dell*



Partnership with eInstruction and Dell offers the following:

- Virtual clicker implementation on Dell computers, laptops, and MID devices (like the Inspiron Mini)
- Ability to use the Dell Tablet PC with eInstruction's interactive Workspace software
- Availability of the **Exam View**<sup>®</sup> Assessment Suite on any Dell instructor computer with vClicker on the student computer to access whichever textbooks they use from over 6,000 textbook titles by more than 60 textbook publishers, deliver those assessment items to students, and immediately view the student assessment data in customizable reports



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## *Additional Information*

US Department of Education ARRA 2009

- <http://www.ed.gov/policy/gen/leg/recovery/index.html>

Federal Government Recovery Act Overview

- <http://www.ed.gov/policy/gen/leg/recovery/index.html>

Dell Economic Stimulus Learning Center

- <http://content.dell.com/us/en/enterprise/economic-stimulus.aspx>

*National School Boards Association Economic Stimulus Resource Center*

- <http://www.nsba.org/MainMenu/Advocacy/FederalLaws/FederalFunding/Stimulus.aspx>

*American Council on Education Economic Stimulus Resource Center*

- [http://www.acenet.edu/AM/Template.cfm?Section=Government\\_Relations\\_and\\_Public\\_Policy&CONTENTID=31323&TEMPLATE=/CM/HTMLDisplay.cfm](http://www.acenet.edu/AM/Template.cfm?Section=Government_Relations_and_Public_Policy&CONTENTID=31323&TEMPLATE=/CM/HTMLDisplay.cfm)

