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MimioClassroom Funding Guide

Title I, Part A: College and Career Readiness

The purpose of this title is to ensure that all children have a fair, equal, and significant opportunity to obtain a high-quality education and reach, at a minimum, proficiency on challenging state academic achievement standards and state academic assessments.

Title I funds must be used to improve reading and mathematics instruction for disadvantaged students. Allocations are based on the number of low-income children in states, districts, and schools. Funds typically target reading and math resources or services. Title I programs emphasize college and career readiness. This is usually a natural fit for educational technology. Technology may be purchased using Title I funds if it helps in the delivery of curriculum, professional development, or other components for Title I students. If purchases are being made for an entire school, commingling funds from other sources to help cover the cost for non-Title I students is allowed.

For further information about Title I, visit the USDOE Title I website.

Key Requirements of Title I

1. Student Achievement
Improve student achievement in reading and mathematics, as measured by end-of-year assessments.

- Close the achievement gap between minority and nonminority students.

- Close the achievement gap between disadvantaged children and their more advantaged peers.

- Meet the needs of low-achieving children, including limited-English-proficient children, migratory children, children with disabilities, Native American children, neglected or delinquent children, and young children in need of reading assistance.

How MimioClassroom Qualifies
The **MimioClassroom**™ family of products is based on years of research and classroom success. Mimio is a global leader in interactive teaching technologies,

and has garnered numerous educational awards and worldwide recognition over the years, including Best in Tech, CODie, Red Dot, Technology & Learning, and DA awards. Through innovative engineering and education research, the company has developed a fully integrated system of teaching tools that allow flexibility for teachers and effect more active participation by students, so that they improve their learning.

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Research indicates that engaged time on task is associated with a positive impact on student achievement (Time-on-Task, 2012). **MimioClassroom** products, when used together, positively impact student achievement by creating a classroom environment in which students remain engaged and motivated. The tools that compose the **MimioClassroom** suite work together, keeping students participating and on task longer, and increasing the amount and quality of instructional time.

The components of the **MimioClassroom** suite—the **MimioTeach™** interactive whiteboard, **MimioStudio™** classroom software and the **MimioMobile™** app, **MimioCapture™** ink recorder, **MimioView™** document camera, **MimioPad™** wireless pen tablet, **MimioVote™** assessment, **MimioProjector™** interactive projector, and **MimioBoard™** interactive whiteboard—contribute to the quality of instructional time. The **MimioTeach** device allows a teacher to create an interactive whiteboard instantly, using ordinary whiteboards in the classroom. **MimioStudio** classroom software offers teachers a library of content, which they can draw from to create an enriched and accelerated educational program. Using **MimioStudio** software, teachers build interactive, standards-based whiteboard lessons, including reading and mathematics lessons. **MimioStudio** software includes a collaborative learning feature that allows teachers to engage students in collaborative lessons. The **MimioMobile** app lets schools use the mobile devices they already have for truly collaborative learning. **MimioVote** hand-held student assessment technology provides instant feedback through multiple-choice and true/false questions, and can also be used to track performance. Alternatively, teachers can use the **MimioMobile** app with mobile devices for formative assessment that includes numeric, short-answer, multiple-choice, or short-essay questions. **MimioVote** and **MimioMobile** technologies allow teachers to see how students are progressing, and provide help when needed. Tests can be teacher-led or self-paced. Results can be downloaded into spreadsheets so teachers have clear achievement records and can chart student progress through time, ensuring no one falls between the cracks. The **MimioCapture** recorder allows the teacher to save whiteboard notes or drawings to his or her computer and then send them to students after

class; students can pay more attention to the lessons during class and refer to the teacher's notes later, and absent students can get caught up on what they missed. This technology can also be used to create homework or project assignments. The **MimioView** document camera allows the teacher to enhance lessons with images that keep students' interest from waning and reinforces concepts for visual learners. The **MimioPad** wireless tablet allows the teacher to move freely throughout the classroom to assist individual students, while still controlling the whiteboard. The

MimioProjector interactive projector is ideal for schools that already have dry erase boards and computers, but no projectors. The **MimioProjector** interactive projector allows two students to work together simultanously, increasing opportunities for collaborative learning. Last but not least, the **MimioBoard** product is a fixed interactive whiteboard with the **MimioTeach** bar embedded for flexibility.

2. Disadvantaged Students
Focus on materials and methods that are effective with disadvantaged students.

- Meet the needs of low-achieving children.

- Meet the needs in the highest-poverty schools.

How MimioClassroom Qualifies
The teaching approaches used in **MimioClassroom** products are effective (Marzano & Haystead, 2009). The whiteboard technology creates an engaging and interactive environment, and the assessment features help keep teachers informed about student progress. Because learning with **MimioClassroom**

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products is more interesting and interactive, lessons appeal to a wide range of abilities and backgrounds. Because lessons are delivered via technology, **MimioClassroom** products provide various pathways to learning, so classrooms with multiple needs and learning styles are accommodated.

Used with **MimioStudio** software, **MimioTeach, MimioProjector,** and **MimioBoard** devices create an interactive environment that keeps students engaged in their own learning. **MimioStudio** software lets teachers create lessons that can be tailored to individual student needs, supporting differentiated instruction. **MimioStudio** also includes a collaborative feature that allows teachers to create small-group collaborative sessions for students that may need additional, more focused learning. And with the **MimioMobile** app, teachers can assess how their students are learning on the fly, as well as introduce more personalized learning through the use of mobile devices in the classroom. The **MimioVote** assessment can also help teachers stay on top of which students understand and which students need additional help. The **MimioView** document camera further enhances student interest by making it easy to add multiple images and tangible objects to lessons. In addition to taking the place of note-taking, the **MimioCapture** ink recorder can be used to create homework or project assignments and provide classroom information to students who may have been absent. Together, these approaches can help close the achievement gap between high- and low-performing children.

3. Standards
Help students meet state and local student standards in core academic subjects, such as reading and mathematics.

- Students meet challenging state academic and content standards.

- Increased achievement overall.

- Increased achievement for the disadvantaged.

How MimioClassroom Qualifies
MimioClassroom products help ensure that students are meeting achievement and content standards.

Using **MimioTeach**, **MimioProjector**, **MimioBoard**, **MimioPad**, **MimioView**, and **MimioCapture** tools along with **MimioStudio** software and the

MimioMobile app, teachers can create lessons and exercises that target specific ages, grade levels, and standards. The content library covers core subjects: language arts, mathematics, science, and social studies. The high level of interest makes core subjects more accessible.

Teachers can track student progress both instantly and over time using either **MimioVote** assessment or the **MimioMobile** app with mobile devices. Templates make it easy for teachers to create quizzes to test understanding and help prepare students for standards-based exams. Options include the ability to see in real time who understands the lesson and who

needs help. Tests can be teacher-led or self-paced. Results can be downloaded into spreadsheets so teachers have clear achievement records and can chart student progress over time, ensuring no one falls between the cracks. Using the **MimioMobile** app with mobile devices or the **MimioVote** handsets makes test-taking another interactive learning experience, not just a chore. Feedback from the assessments can be used formatively to create lessons directed at specific needs. As a result, teachers can tailor small-group or individualized lessons using the **MimioClassroom** products to deliver differentiated instruction.

4. Research-Based Methods
Offer instructional materials and strategies that are based upon research with proven efficacy.

- Access to scientifically based instructional strategies.

- Access to effective instructional strategies.

How MimioClassroom Qualifies

The importance of increasing teaching effectiveness and student engagement is a core belief of Mimio. The founders are MIT-trained engineers who were determined to use technology in the most innovative ways possible to support effective classroom outcomes.

MimioClassroom instructional strategies are based on research and sound teaching principles that include time on task, interactivity, collaboration, formative assessment, and student engagement–all of which have been shown to contribute to increased student achievement. "Strategies That Impact Student Achievement," identified by Marzano and Pickering (2001), include using questions and advance organizers, the use of nonlinguistic representations, setting objectives and providing feedback, reinforcing effort and giving praise, summarizing, and homework and practice. These strategies can be included in instruction with the **MimioClassroom** devices, and lessons available on the **MimioConnect®** website follow these principles.

In addition, Mimio has been recognized nationally with multiple awards for effectiveness. For example:

- District Administration's Top 100 Products Award in both 2012 and 2013 for interactive teaching technology

- 2012 Award of Excellence from Tech & Learning for interactive technology and classroom software

- SIIA CODie Award 2011 for interactive teaching technology

- Best in Tech 2011 for whiteboard solutions

- 2009 Instructor Teacher's Pick Award for interactive classrooms

5. Professional Development

A minimum of 5% of Title I funds must be set aside for professional development in the districts in which 100% of the teachers are not "highly qualified." Funds may be reserved for ongoing and continuous professional development of staff.

- Elevating the quality of instruction.

- Providing substantial opportunities for professional development.

How MimioClassroom Qualifies

Mimio professional development is based on the research finding that the teacher is the most important factor in ensuring the success of interactive teaching technologies (Marzano & Haystead, 2009). This research demonstrated that interactive whiteboards are most effective when the teachers using them are trained. There is a clear focus on understanding what the software has to offer, content, assessment, and using student feedback formatively.

MimioTraining™ On-Demand gives teachers unlimited free access to pedagogically-focused webinars, reference cards, guides, video tutorials, and **Quick Learn** recordings that cover basic to advanced topics. **MimioTraining Quick Learn** offers live, online interactive Web-based training sessions.

Finally, the online **MimioConnect** interactive teaching community provides peer-to-peer guidance and ongoing support. The website includes lesson plans and activities, member forums, and events. Together, Mimio's training offerings provide substantial opportunities for professional development.

REFERENCES

Florida Education Association. (2012) Time-on-task: A teaching strategy that accelerates learning. Retrieved September 10, 2012, from http://feaweb.org/time-on-task-a-teaching-strategy-that-accelerates-learning.

Marzano, R. J., & M. Haystead (2009). Final report on the evaluation of the Promethean technology. Englewood, CO: Marzano Research Laboratory.

Marzano, R., D. Pickering, and J. Polack (2001). Classroom instruction that works. Alexandria, VA: ASCD.

Saltan, F. & K. Arslan (2009). A new teacher tool, interactive white boards: a meta analysis. (Proceedings of Society for Information Technology and Teacher Education International Conference, 2009.)

Smart Technologies ULC (2009). Creating classrooms for everyone: How interactive whiteboards support universal design for learning. Calgary, AB, Canada: Author. Retrieved September 10, 2012, from http://downloads01.smarttech.com/media/research/whitepapers/interactivewhiteboardsanduniversaldesignforlearningjan20.pdf.