

MimioClassroom Funding Guide

21st Century Community Learning Centers, Title IV, Part B

The purpose of the program is to establish or expand community learning centers that provide students with academic enrichment opportunities along with activities designed to complement the students' regular academic program. Community learning centers must also offer families of these students literacy and related educational development.

The 21st Century Community Learning Centers (21st CCLC) program supports centers that provide academic enrichment programs during nonschool hours, especially for centers that target high-poverty families and students who attend low-performing schools. The focus is on academic achievement, recreation, the arts, and drug and violence prevention. Digital literacy tools may provide interest and motivation for the target student population. Online professional development, with the equipment and tools for delivery, is a plus.

For further information about 21st Century Community Learning Centers, visit the USDOE 21st CCLC website.

Key Requirements of 21st CCLC Grants

1. Academic Achievement

Offer academic enrichment during nonschool hours.

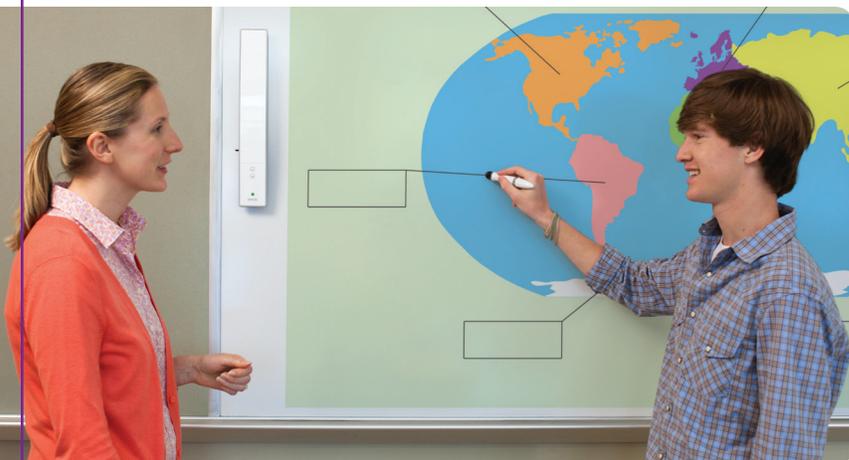
- Offer a broad array of before- and after-school activities (including during summer recess periods) that advance student academic achievement.

How MimioClassroom Qualifies

Community learning centers' before-school programs are typically no longer than an hour; after-school and summer programs may run longer. Mimio meets this requirement for flexibility. **MimioStudio™** classroom software can be used to create engaging standards-based lessons that can be completed in an hour, conforming to the time frame of the center.

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 more active participation by students, so that they improve their learning.

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.

Used with **MimioStudio** software, **MimioTeach™**, **MimioProjector™**, and **MimioBoard™** devices create an interactive environment that keeps students engaged in their own learning. 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 enables instruction to be more personalized and differentiated. It supports individual, small-group, and whole-class instructional formats, and also 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. **MimioPad** wireless tablets also enable students with limited mobility to participate without going to 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 simultaneously, 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 high-poverty families in low-performing schools.

- Serve students who primarily attend schools eligible for school-wide programs under section 1114; or schools that serve a high percentage of students from low-income families.

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** 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. Together, these approaches can help close the achievement gap between high- and low-performing children.

3. Staff Training

Provide easy-to-use options for educators who may not be as highly trained as the classroom teacher.

- Provide capacity building, training, and technical assistance.

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 or other educators 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 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.

4. Efficacy

Program must be proven to raise student achievement and must include scientifically based studies.

- Programs must be based upon scientifically based research that provides evidence that the program or activity will help students meet the state and local student academic achievement standards.

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. The **MimioConnect** lessons were created with **MimioStudio** software and align to Common Core and state standards. All may all be used with the **MimioClassroom** suite of products.

Mimio has been recognized nationally with numerous 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

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>.