

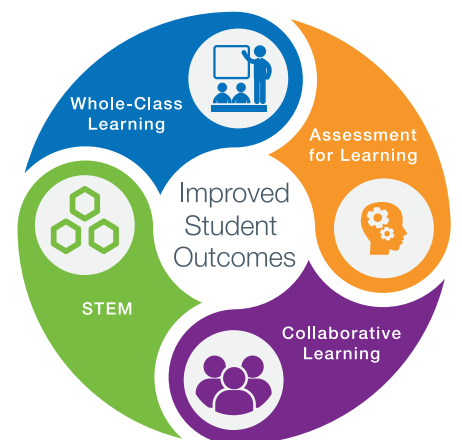


What Collaboration Can Be.

Collaboration is quickly becoming the new norm in schools, to help students develop and demonstrate critical thinking and teamwork skills. Studies show that collaborative learning teams develop higher level thinking and retain information longer than students working individually. That is especially true when collaborative learning follows new concepts taught in whole-class instruction.

Equally important is the development of social and interpersonal skills, which blossom with cooperative learning. Cooperative and collaborative learning brings: deeper understanding of content, increased overall achievement, higher motivation, improved confidence, and teamwork skills.

Boxlight collaborative solutions help facilitate group learning through interactive displays, tables, boards, and student devices. We provide varied tools to fit your students' learning styles, helping to teach the collaboration skills so important for success in today's classroom and beyond.



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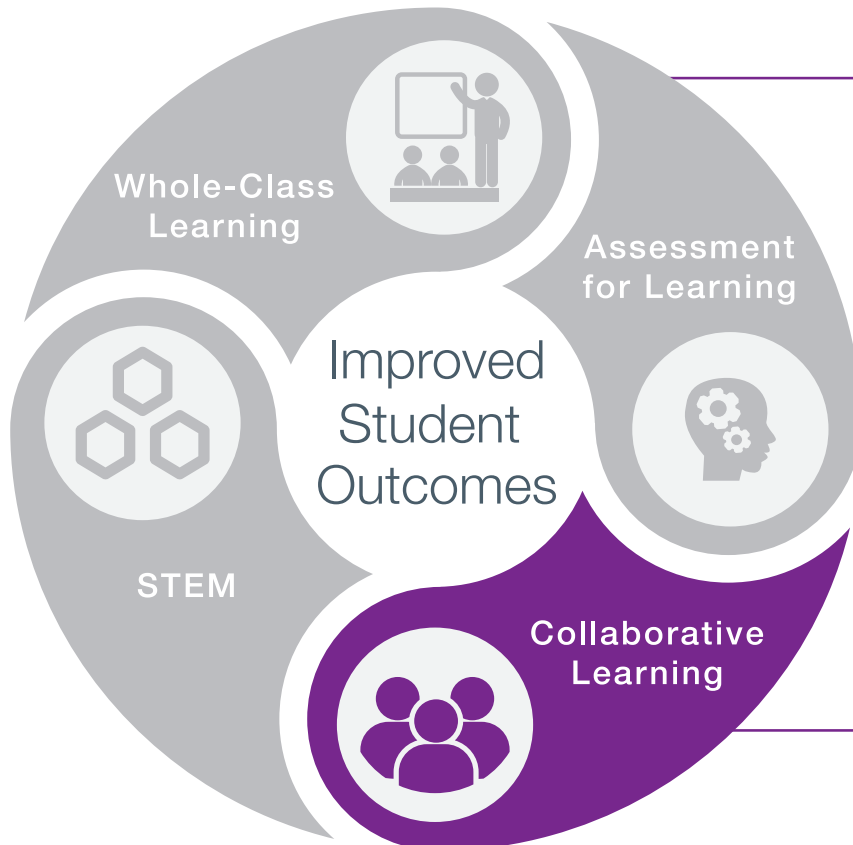
Collaborative Learning



Collaborative Learning

Our classroom software and app facilitate collaboration and help students build their knowledge across all curricular areas. Whether it's two students working together or many more, collaboration helps students develop communication and critical thinking skills. These skills are essential for their future success, and align to applicable standards.

- The MimioMobile™ app is the only application that provides complete collaboration models for students working with each other and with teachers as part of an interactive whiteboard solution.
- The Boxlight DeskBoard™, Interactive Displays, and Interactive Touch Table allow multiple students to work together for cooperative learning. The DeskBoard and Touch Table are height-adjustable to accommodate students of various heights, or those using wheelchairs.
- The MimioStudio™ Collaborate feature allows multiple student-controlled MimioPad™ tablets to work simultaneously on a MimioStudio activity, with the work shared at the front of the classroom.



Collaboration Tips

- Give students an agenda to follow during their first few collaborative sessions. This will help them with timing, flow, and roles.
- Groups with under four students may not provide enough divergent viewpoints to be productive. In a group of six or more, some individuals may disengage and not be active participants. The ideal number seems to be four or five students.

Creating a Collaborative Classroom

Teachers find that cooperative learning helps students to become more engaged in subject matter, and to take ownership of their own learning. Working in a small group on a structured task also gives them valuable practice in discussing and clarifying ideas, evaluating the ideas of others, and resolving group conflicts.

As the educational community works to incorporate this new teaching and learning model, educational technologies are becoming more popular as tools that help students learn how to work together. From interactive whiteboards, displays, and projectors, to wireless tablets and apps that work with mobile devices, these technologies facilitate and encourage collaboration in the classroom. Using these devices can streamline the process for teachers, enhance students' interest and engagement, and make the collaborative classroom an exciting place for learning.

There are a number of strategies for incorporating collaborative learning models into instruction. Teachers can set expectations for students, clearly explaining the process, and actually teach effective collaboration strategies, including:

- Listen to others
- Establish common goals
- Compromise
- Assign roles and responsibilities
- Determine measures for accountability
- Give constructive feedback
- Assess the group's progress

Depending on the nature of the task that students are asked to accomplish, the teacher may wish to assign specific roles and responsibilities to individuals. And it's important that the teacher move about the room to keep an eye on student progress and to answer questions as they arise. The teacher's role shifts – from leading student learning at the front of the room to serving as a learning facilitator.

Discussion, cooperation, open-mindedness, a variety of viewpoints, higher-order thinking skills, different curricular areas, disagreement, and debate are all elements that help students learn how to collaborate with others and thus become better educated individuals.

“With MimioMobile, differentiated instruction has never been easier! As a classroom teacher, I can create a lesson in MimioStudio for various ability levels. My students then collaborate in small groups using their mobile devices to engage in active learning.”

Paul Gigliotti, High School History Teacher, Avon, OH



High-definition (HD) pictures and live video can really engage students and drive home a lesson. And your teachers can do it with plug-and-play simplicity.

Which Collaboration Tools Are Right for Your Schools?



MimioMobile App

Allows collaboration on the front-of-the-class display using Apple, Android, and any Web-browser devices.

Student Activities and Tools	Lessons run locally on Apple and Android mobile devices, so students can work more naturally and quickly on their activity, without any lag time.
Teacher Control	Teacher can pass control to an active MimioPad tablet or mobile device running the MimioMobile application.
Classroom Management	Teachers have more options for highlighting, discussing, and sharing students' collaborative sessions on the front-of-the-class display, in any combination.
Student Collaborative Tools	50 student devices work simultaneously on a MimioStudio activity, with the work displayed at the front of the classroom.
Ease and Security of Connection	Instantaneous point-and-click or simple numeric code.
Device Compatibility	iPad 2 and above. All versions of the iPad mini. iPhone 4 and above. iPod Touch (4th Generation and above). Android 3.0 (Honeycomb) or higher. Any device with a supported Web browser.
Web Browser Compatibility	Google Chrome, Microsoft Internet Explorer 11+, and Microsoft Edge



Boxlight DeskBoard

An adjustable projector and whiteboard surface that enables collaboration for all students.

Software	MimioStudio 11
Projector	ProjectoWrite™ touch projector
Base/Frame	Base: electrical, height-adjustable column for wall or mobile use. Frame: for height-adjustable and tiltable stands
Whiteboard Surface	Design study whiteboard: white projection surface, blue edge. Projection size: 144 x 90 cm (56.7 x 35.4 in.)
Surface Options	Magnetic
System Weight	100 kg (220.5 lb)

MimioPad Wireless Pen Tablet

Collaborate on and control the whiteboard from anywhere in the classroom – wirelessly. All with plug-and-play simplicity.

Minimum Software Requirements	MimioStudio 11.4 and higher on a Windows, Mac, or Linux OS.
Tablet Battery	Lithium-ion battery life (fully charged): 50 hours continuous; 5 days in typical use
Tablet Weight	0.65 kg (1.43 lb) with battery
Tablet Dimensions	24.3 cm H x 27.9 cm W x 2.0 cm D (9.5 in. H x 11.0 in. W x 0.8 in. D)
Tablet Active Surface Area	20.3 cm W x 16.2 cm H (8 in. W x 6.4 in. H)
Resolution	2000 lpi
Stylus Pen	Electromagnetic pen (optionally tethered to tablet) has no battery.
Pen Reading Height	10 mm (0.39 in.)
Pen Report Rate	120 rps
Pen Accuracy	±0.42 mm
Controls & Indicators	On/off button. 16 icon shortcut keys.
Use with Interactive Displays	Can be used as a stand-alone interactive device or in tandem with an interactive whiteboard.



ProColor Interactive Touch Table

A brilliant, HD, 12-point Touch 360° touch table that allows multiple students to work together for truly collaborative learning.

Software	MimioStudio 11
Touch	Up to 12 touch points to support multiple users (capacitive touch sensing)
Screen	Flat screen surface is classroom-rugged and spill-resistant. 117 or 119 cm (46 or 47 in.)
Resolution	1920 x 1080 p
Contrast Ratio	4000:1 or 1300:1
Height	Height-adjustable to accommodate multiple chairs and wheelchairs
Speakers	10 W x 2 channels ((built in))