

2018

Technology Integration Catalog



Teq™

teq.com

opd™

ONLINE PROFESSIONAL
DEVELOPMENT

opd.teq.com



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In this catalog, you will find an overview of our top technology products. If you'd like to learn more about a specific product, service, or offering, please **contact your dedicated account executive or call 877.455.9369**.

A letter from the CEO

Dear Customer,

Teq is an innovative learning company with over forty years experience in technology integration. As the largest interactive whiteboard dealer in North America, we've quickly evolved into a national edtech company specializing in the fusion of technology and learning.

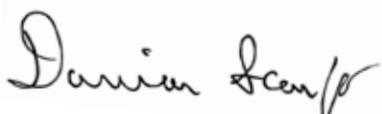
Our mission is to support outcomes by evaluating and delivering products and services for the educational environment. We are dedicated to providing dynamic professional development and instructional support to educators.

As you can see from our catalog, we deliver a complete solution for creating rich, dynamic learning spaces and supporting the needs of today's students, teachers, and administration.

From our inception, Teq has focused on delivering positive outcomes and experiences for our customers. We are committed to providing excellence and believe in true partnership with all stakeholders who have a passion for advancing the learning experience.

I love hearing from our customers and welcome any questions or comments you may have. Feel free to email me at damian@teq.com

Warm Regards,

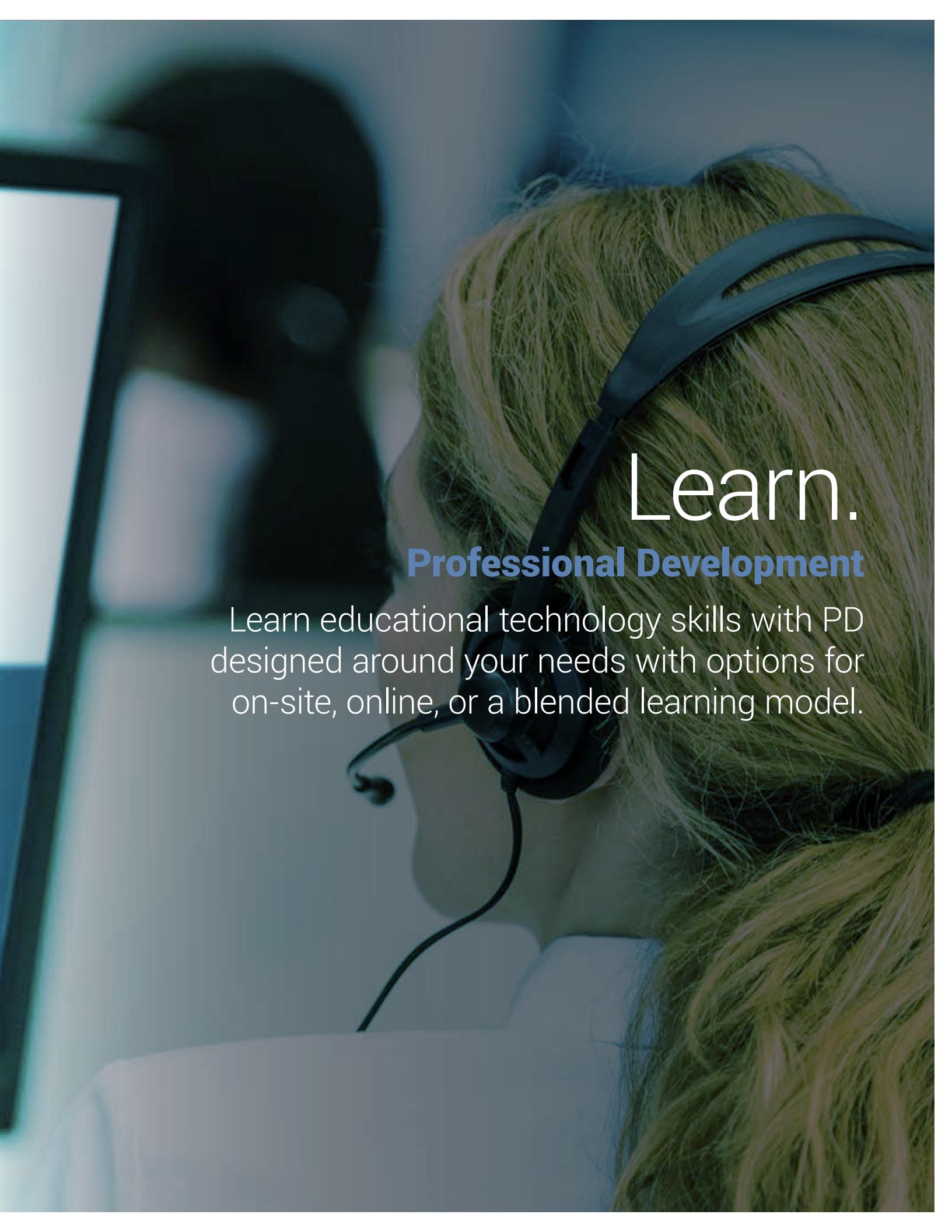


Damian Scarfo
Chief Executive Officer
516.922.3508





File	File	File	File	File
File 1	File 2	File 3	File 4	File 5
File 1	File 2	File 3	File 4	File 5
File 1	File 2	File 3	File 4	File 5
File 1	File 2	File 3	File 4	File 5

A close-up photograph of a person's head and shoulders. The person has long, light-colored hair and is wearing a dark blue over-the-ear headset with a microphone. They are looking down at a computer monitor, which is partially visible on the left side of the frame. The background is blurred.

Learn.

Professional Development

Learn educational technology skills with PD designed around your needs with options for on-site, online, or a blended learning model.



ONLINE PROFESSIONAL
DEVELOPMENT

Learn when you want to; **receive help** when you need to.

Teq Online PD

Teq Online PD (OPD) is an online professional development platform with hundreds of live and archived courses on trending topics, technology integration, lesson content, and more. Sessions are hosted by our state-certified PD Specialists, and are CTLE certified. Subscriptions also include access to instant instructional support with nOw.





learn more online
teq.com/pd-platforms/online-pd



Live, Interactive Sessions

Interact with Teq's PD Specialists in real time, and receive answers right when you need them.



Facilitation to Fulfill Required PD Hours

As a state-approved PD provider, Teq Online PD is a convenient and flexible way to fulfill your required PD hours.



Professional Development Reinforcement

Teq Online PD is the perfect way to reinforce skills learned during an onsite PD session.



Digital Teacher Certifications

Comprised of instructional and development sessions, Teq's Digital Teacher Certifications will teach you how to implement today's most popular technologies in your classroom. Certifications offered include Google Apps for Education, SMART, Apple, Microsoft, and more.



nOw Instructional Support

Receive professional development at the push of a button! Our PD Specialists offer relevant and practical guidance through live video chat, online chat, email, or a scheduled call.



Access on Any Device

Whether watching via your computer, tablet, or smart phone, you never have to be without! Experience Teq OPD wherever you have internet access.



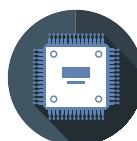
Library of Courses

Never worry about missing a live course. Receive access to previous courses in our lesson archives.



Monitor Teacher Engagement

Administrators can monitor progress, create assignments, and receive comprehensive reports using the Administrator Dashboard.



Technology Adoption

Learn how to better integrate classroom technologies into your curriculum.



Feel confident knowing **help is just a click away.**

nOw Instructional Support

nOw Instructional Support provides instant access to a live PD Specialist at the push of a button. Connect with Teq's team of state-certified teachers, and receive relevant, practical guidance when you need it most.



*Available on **Chrome** and **Firefox** Web-browsers



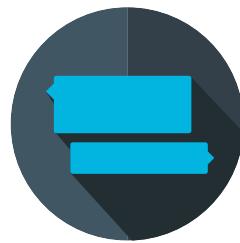
learn more online
teq.com/pd-platforms/now-instructional-support

Connect with our team in 4 convenient ways.



Live Video Support

Start a video session for live face-to-face support.



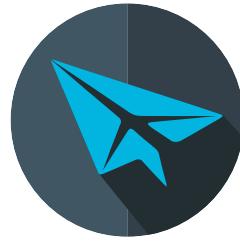
Online Chat

No camera? No problem. Online chat with a PD Specialist instead.



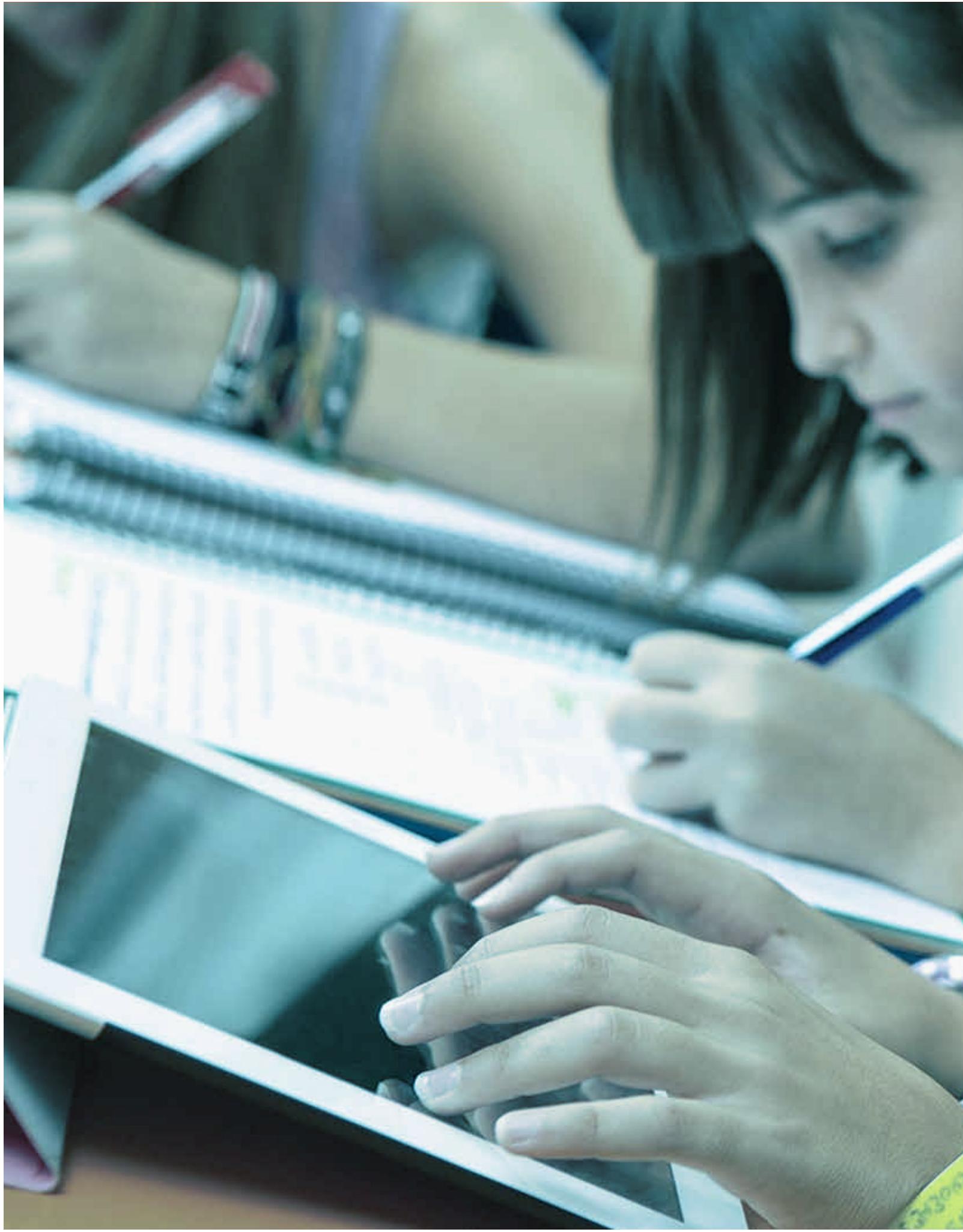
Schedule a Call

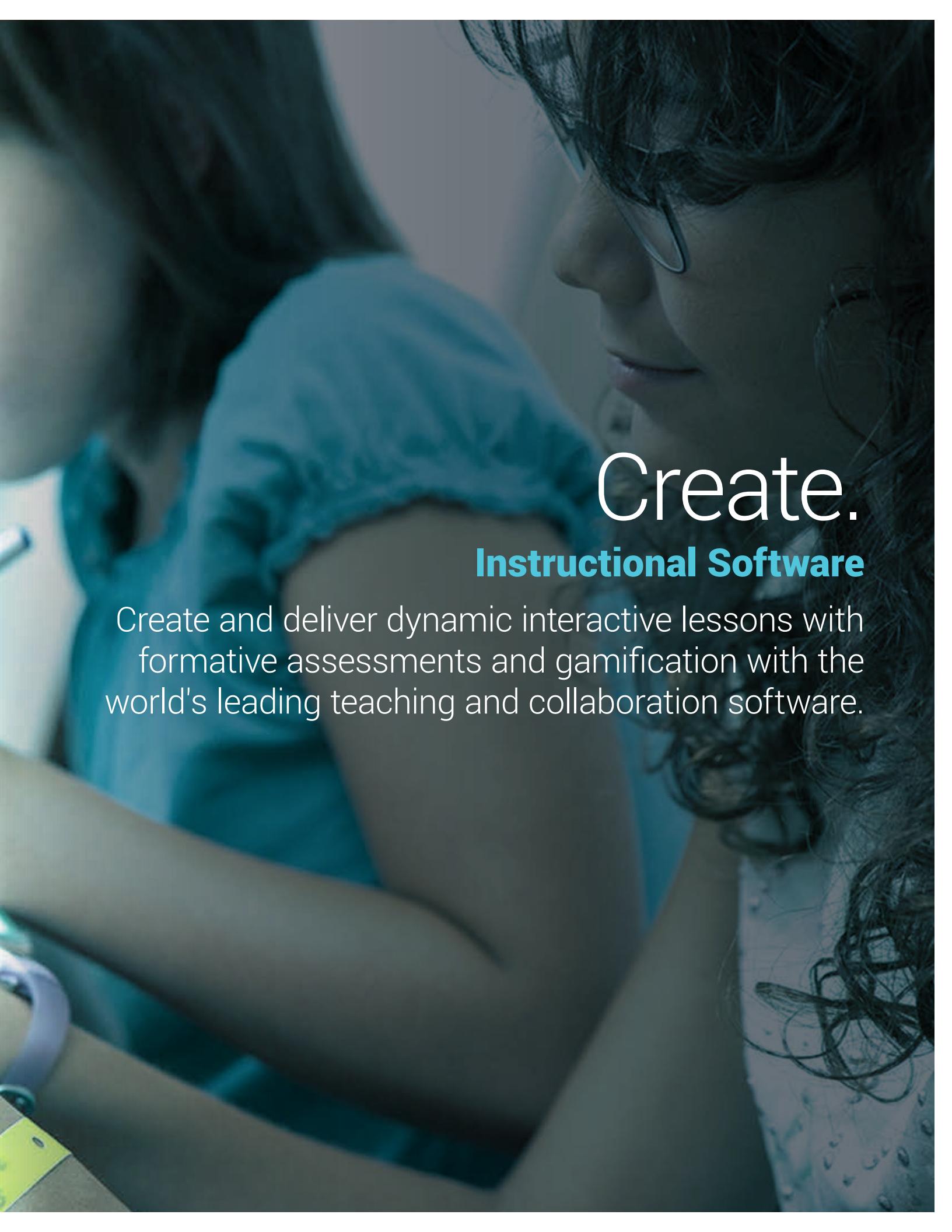
Don't have time now? Schedule an appointment for a more convenient time.



Email Us

Have a question but it's not urgent? Send an email.

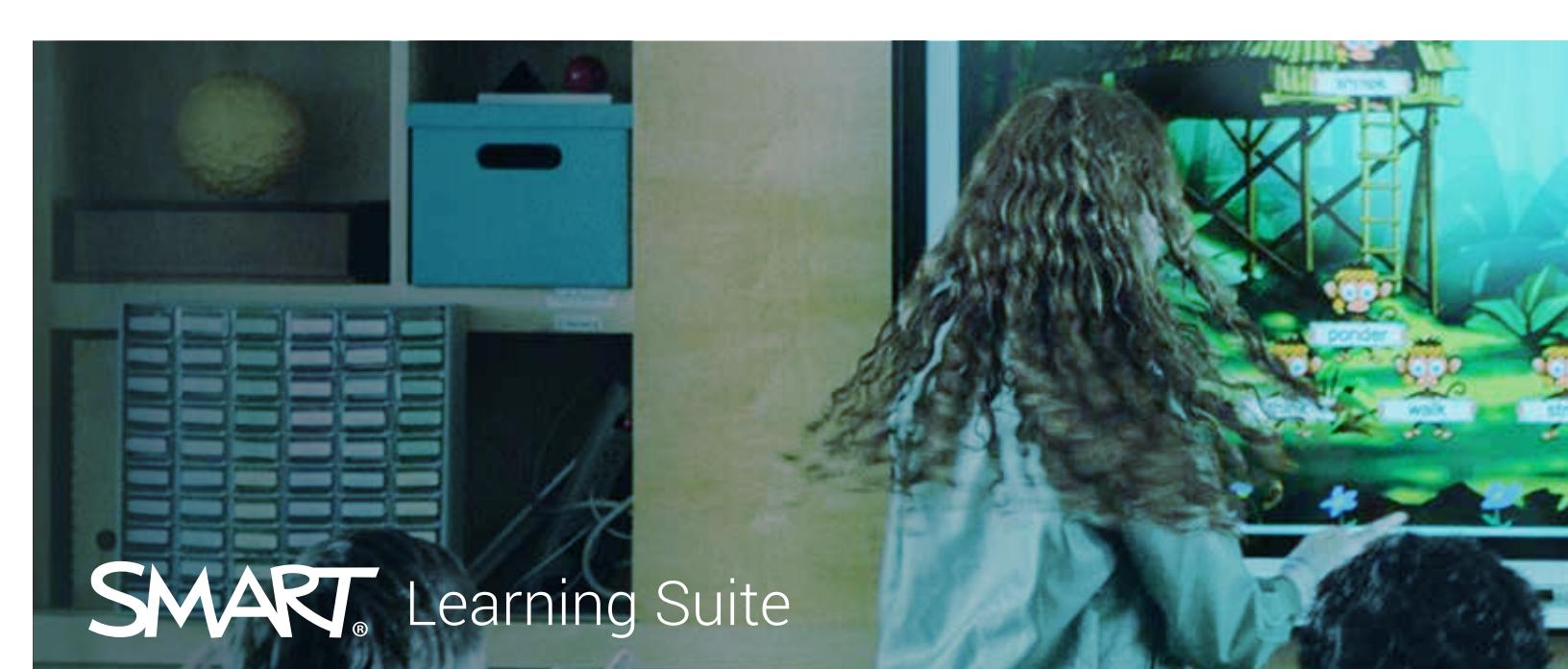




Create.

Instructional Software

Create and deliver dynamic interactive lessons with formative assessments and gamification with the world's leading teaching and collaboration software.



SMART® Learning Suite

Create and deliver **hands-on, collaborative** learning experiences with the SMART Learning Suite.



SMART Learning Suite

The SMART Learning Suite supports engaging and seamless instruction through a combination of lesson delivery, assessment, student collaboration, and game-based learning.



The world's premiere education software, SMART Notebook facilitates interactive learning experiences while providing the flexibility to respond to the needs of learners in real-time.



The greatest gift we can give teachers is time. And for students, it's more fun and engaging learning activities. SMART lab does both by letting teachers quickly create game-based learning activities.



A web-based learning platform, accessible through G Suite (formerly Google Apps for Education), that enables the co-creation of content and fosters student collaboration.



learn more online
teq.com/smart-learning-suite



A formative assessment software for use on student devices. Create a question set to complement your lesson in under 5 minutes.



SMART Learning Suite Online

Spark active learning by delivering SMART Notebook® lessons to every student device. SMART Learning Suite Online now offers a cloud-based, in-classroom platform with access anywhere, anytime and on any device including Chromebooks.

Key Features:



Software for any environment

Student devices, interactive whiteboards, interactive displays, Chromebooks, BYOD plans... it's all the same to SMART Learning Suite. The software is designed to fit any learning environment.



The flexibility you need to succeed

Front of the room instruction, student-led learning, project-based learning and flipped classroom initiatives are all enhanced by SMART Learning Suite. Any grade level, any subject.



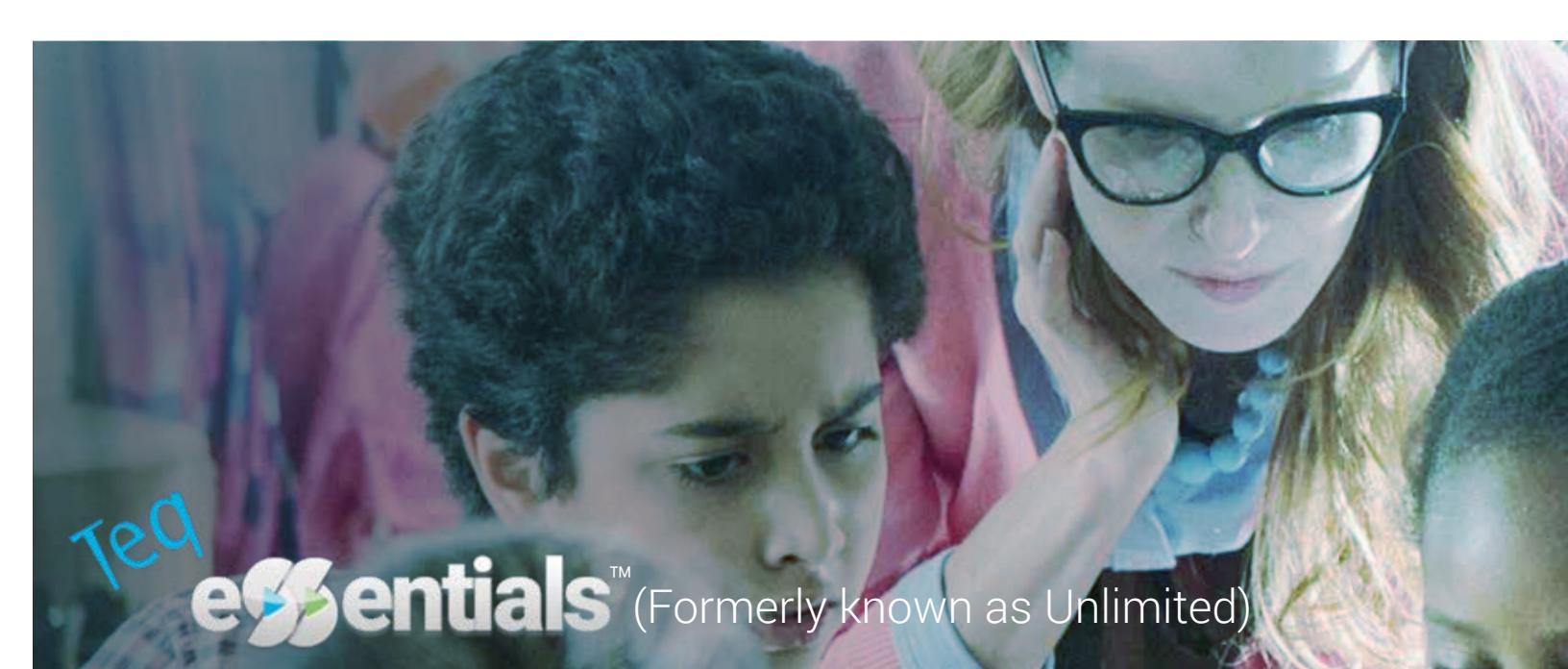
Easy to use, easy to adopt.

Educators can easily and quickly create dynamic, interactive, fun, and engaging content. In less than five minutes, lessons that will wow students are ready. Plus, access to ongoing support is there every step of the way.



Ready for the future

As a leading education technology company, SMART works closely with educators and thought-leaders in the field to ensure each new release addresses the needs of educators, for today and the future.

A blurred background image of two students, a boy and a girl, looking down at a screen, possibly a laptop or tablet, which is not visible in the frame.

Teq

essentials™

(Formerly known as Unlimited)

A PD and software package that supports the successful adoption of the **latest instructional techniques** and **classroom technologies**.

Teq Essentials

Teq Essentials is the powerful combination of Teq's Online Professional Development platform and the SMART Learning Suite, a world-class educational software.

Teq Online PD

Teq Online PD (OPD) is an online professional development platform with hundreds of live and archived courses on trending topics, technology integration, lesson content, and more. Sessions are hosted by our state-certified PD Specialists, and are CTLE certified. Subscriptions also include access to instant instructional support with nNow.

SMART Learning Suite

Create and deliver hands-on, collaborative learning experiences with the SMART Learning Suite. A combination of lesson delivery, assessment, student collaboration, and game-based learning software, the SMART Learning Suite supports engaging and seamless instruction. Includes SMART Notebook, SMART lab, SMART amp, SMART response, and access online.





learn more online
teq.com/teq-essentials

With a **Teq Essentials Subscription**, your entire school or district receives access to Teq Online PD and the complete SMART Software Suite.

Teq Online PD



Technology Adoption

Learn how to better integrate classroom technologies into your curriculum.



Instant Instructional Support

Receive professional development at the push of a button! Our PD Specialists offer relevant and practical guidance through live video chat, online chat, email, or a scheduled call.



Facilitation to Fulfill Required PD Hours

As a state-approved PD provider, Teq Online PD is a convenient and flexible way to fulfill your required PD hours.

SMART Learning Suite



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Software for any environment

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Easy to use, easy to adopt

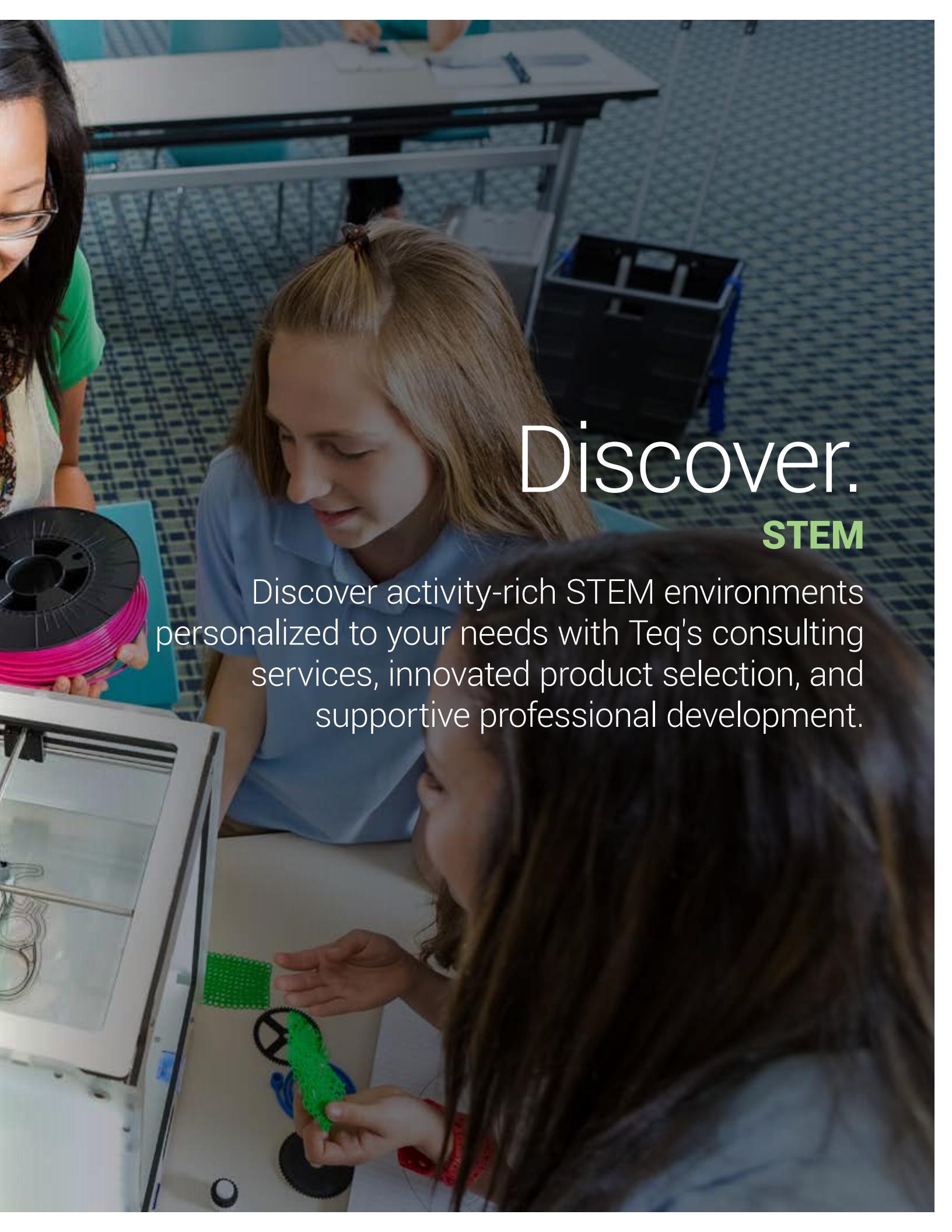
Educators can easily and quickly create dynamic, interactive, fun, and engaging content. In less than five minutes, lessons that will wow students are ready. Plus, access to ongoing support is there every step of the way.



More time

Quickly and effectively create formative assessments in less than 5 minutes using SMART response 2.



A photograph showing three children in a classroom environment. One child in the foreground is holding a green 3D-printed gear. Another child in the middle ground is holding a spool of pink filament. A third child in the background is looking at a solar panel. The setting is a bright, modern classroom with blue and white walls.

Discover.

STEM

Discover activity-rich STEM environments personalized to your needs with Teq's consulting services, innovated product selection, and supportive professional development.

pi-top

The **future** of STEM education.



pi-top

pi-top is a build-it-yourself laptop powered by the Raspberry Pi. It is the perfect tool to help you start learning how to code, create awesome devices, and take your knowledge to the next level.

The pi-top computer kit comes with:

- pi-top PCB hubs
- Inventors kit for creating computer science and electronics inventions
- 14" HD screen/monitor
- Sliding keyboard
- 8h smart battery
- Personalized injection molded case
- Customizable acrylic slice for easy access
- Free pi-top OS software
- Free CEED Universe educational game
- Illustrated instructions
- Raspberry Pi 3 (Optional)

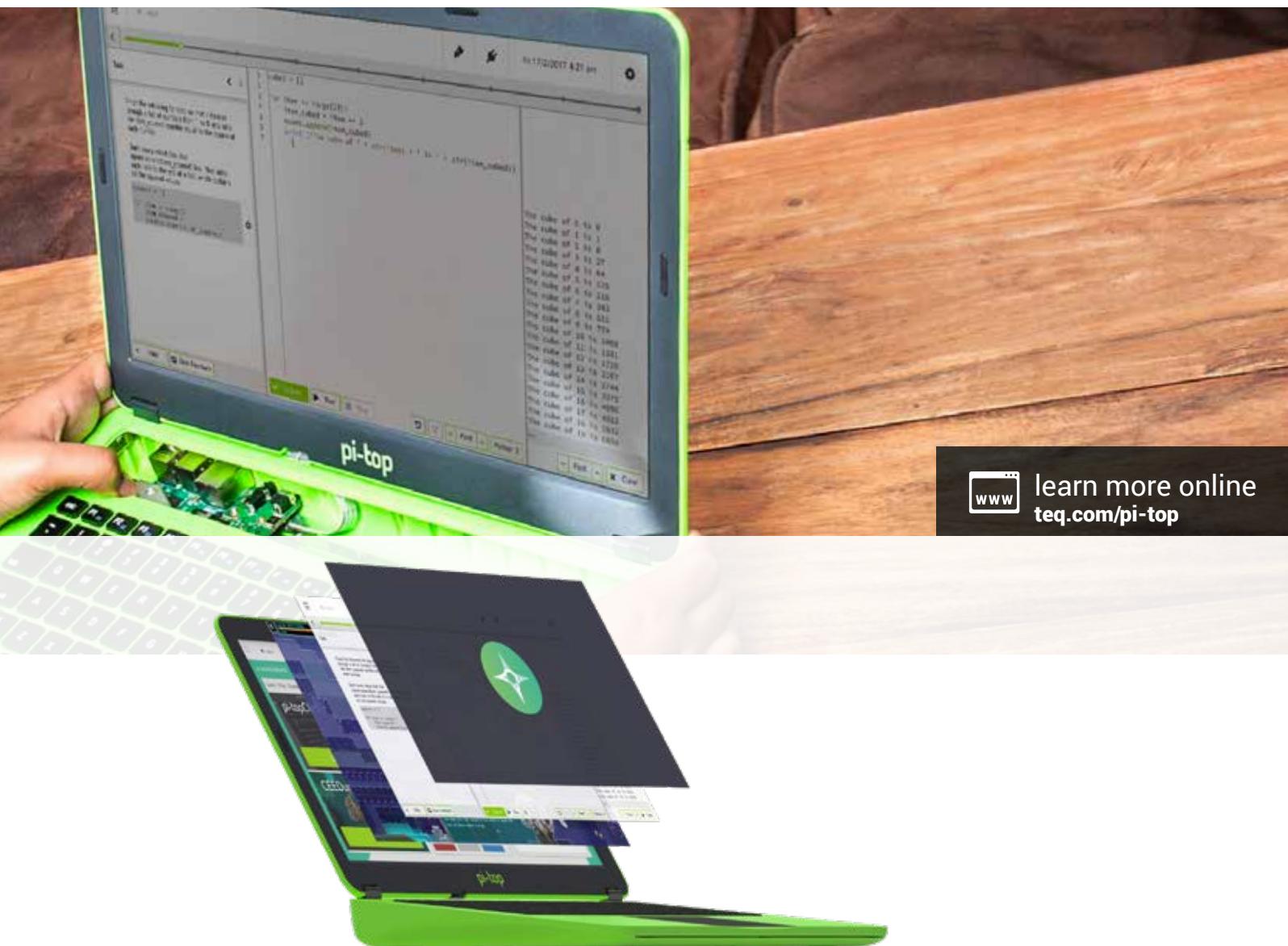


pi-topCEED

pi-topCEED is the easiest way to use your Raspberry Pi in a slimmer form and pre-assembled with all required software installed. Join hundreds of code clubs and classrooms using pi-topCEED as their solution to Computer Science and STEAM based learning.

The pi-topCEED comes with:

- pi-top PCB hub
- 14" HD screen/monitor
- Adjustable hinges
- Personalized injection molded case
- Customizable acrylic slice for easy access
- Lots of cables: HDMI, USB to micro USB, USB to 4p and power supply
- Free pi-topOS
- Free CEED Universe educational game
- Illustrated instructions
- a Raspberry Pi 3 (Optional)



learn more online
teq.com/pi-top

pi-topOS

The pi-top and pi-topCEED are accompanied by pi-topOS which contains pi-top's coding environment and educational game. pi-topOS features an intuitive interface that delivers engaging lesson plans and fun learning based apps. pi-topOS also features:

- **pitopCODER**- Learn to code, create physical computing projects and track your progress and even test your code in real time!
- **Scratch**- A programming language that is easy to understand and use, it's great for children to start learning and create rich programming projects.
- **CEEDuniverse**- You'll need to solve visual programming puzzles to unlock areas of the game. You can even convert your visual program straight to Python code
- **Minecraft PI Edition**- Minecraft is a great way to learn python and a free version is available for the Raspberry Pi. Write commands and scripts in Python to build things in the game automatically.
- A variety of other apps including Google Apps, YouTube, and Libre Office.

pi-topCLASSROOM

Manage classes, alter lesson plans or create your own and track student progress in this simple web app. pi-topCLASSROOM features:

- A Lesson Planner
- Student Analytics
- Custom Curricula
- World Class Content



We believe electronics is more than a hobby or a career path; it's a creative medium for advancing teaching and learning. When students are free to invent and create, they begin to see technology as a means for solving real-world problems and taking their learning to the next level.

SparkFun's ready-to-implement bundles are designed to develop foundational, foster intermediate, and nurture advanced electrical prototyping and coding/programming skills.

Beginner Electronics Bundle (Grades 2-4)

Learn the basics of circuits and programming with this hands-on, project-based learning (PBL) Sparkfun Bundle.

Bundle includes:

- SparkFun Pico Board Starter Kit
- SparkFun Digital Sandbox
- micro:bit Go Bundle

**5-student, 20-student, and Professional Development options available.*



SparkFun Digital Sandbox

Intermediate Electronics Bundle (Grades 5-9)

Increase your student's electrical prototyping and coding/programming skills with the Intermediate Electronics Bundle. Students build on the skills developed with the Beginner Bundle and move on to developing mechanical and robotics knowledge.

Bundle includes:

- Micro:bit kit ecosystem, micro:climate kit
- Micro:bit kit ecosystem, micro:arcade kit
- SparkFun Inventor's Kit for micro:bit
- SparkFun Inventor's Kit
- SparkFun Inventor's Kit Parts Refill Pack
- SparkFun Tinker Kit
- Redbot

**5-student, 20-student, and Professional Development options available.*



SparkFun Inventor's Kit for micro:bit



Advanced Electronics Bundle (Grades 9-12)

Building on the skills developed with previous kits, students will take their electrical prototyping and coding/programming skills to the next level with the Advanced Electronics Bundle.

Bundle includes:

- Raspberry Pi Starter Kit
- Inventor's Kit for Photon
- Johnny Five Inventors Kit
- Full day of set up and Professional Development (with 20-student package)

*5-student or 20-student options available.



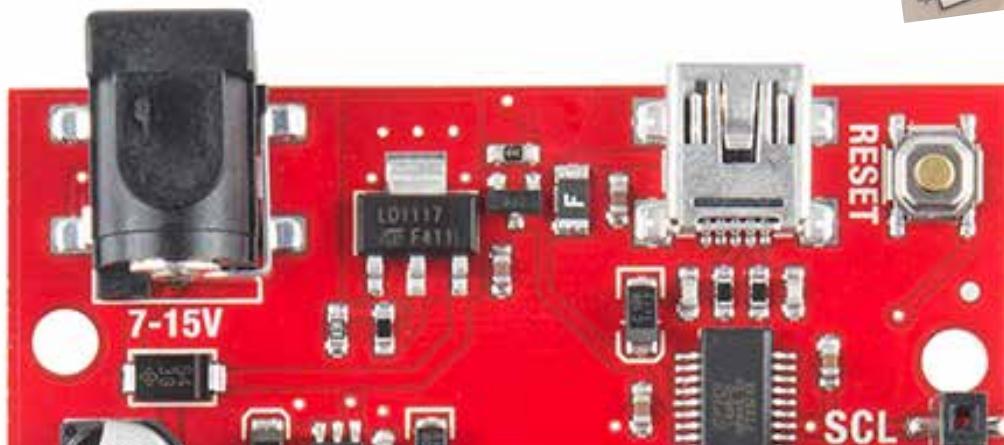
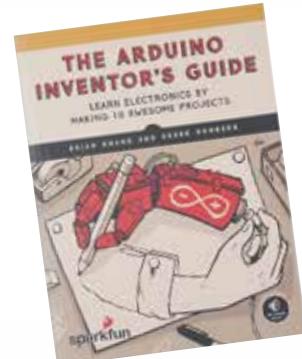
Johnny Five Inventors Kit

SparkFun Books

Designed as hands-on learning tools to help today's students build skills for the creative and digital economy — critical thinking, collaboration, communication, curiosity, problem solving and invention.

Available titles include:

- The SparkFun Guide to Processing
- The SparkFun Arduino Inventor's Guide
- SparkFun Arduino Workshop





zSpace®

An all in one **virtual reality computer**.

zSpace

zSpace technology combines elements of VR and AR to create lifelike experiences on the computer that are immersive and interactive.



Lightweight and sleek: With its thin metal frame, the zSpace glasses provide an experience so natural, you will forget you are wearing glasses.



Familiar interactions: zSpace uses all of your senses to create a seamless experience. The stylus is designed with 6 degrees of freedom, allowing you to fully unlock the magic of zSpace.



Share your experience: With zView you can share your experience with not just a peer, but with an audience as well.





learn more online
teq.com/stem/zspace



Other Key Points

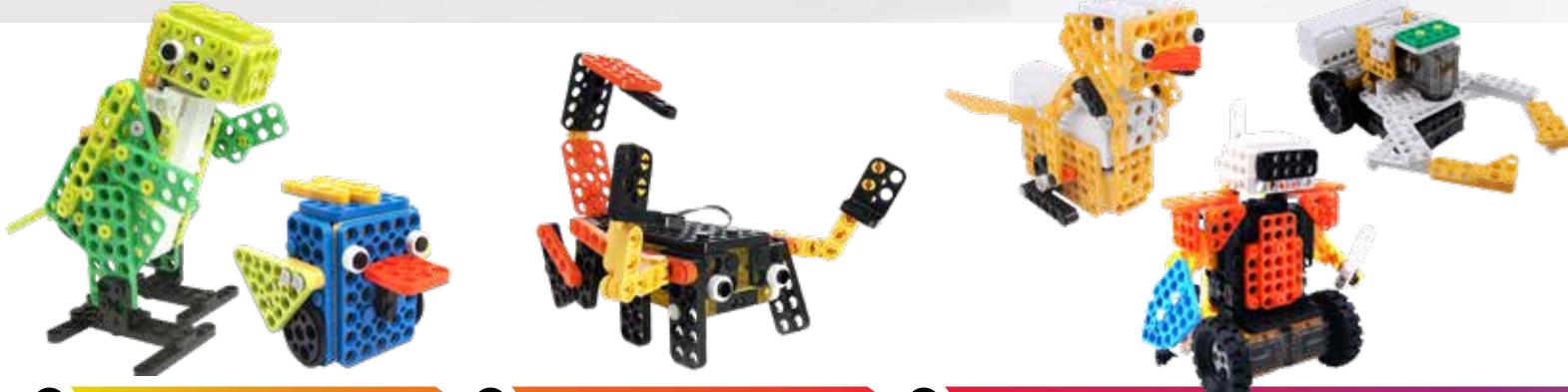
Inspire Curiosity, Engage Students: zSpace encourages students to inquire, take risks, solve problems, and apply their learning while building confidence and expanding interest in STEM and STEM careers.

Build Student Confidence: zSpace develops fearless learners through an environment where safety is guaranteed, supplies are unlimited and experimentation is encouraged. Through life-like experiences, zSpace levels the playing field of student experience. As confidence grows and engagement is built, student interest in STEM careers expands.

Deepen Student Understanding: zSpace encourages students to inquire, take risks, and solve problems while building background knowledge to be successful. From creating original experiments to designing new objects, zSpace elevates opportunities for students to apply their learning. Student collaboration creates numerous opportunities for rich academic conversations.

The Robotis logo features the word "ROBOTIS" in a bold, white, sans-serif font. The letter "O" is stylized with a circular pattern of small circles.

Introduce and **engage students in STEM subjects** with robotics kits uniquely designed for every grade level.



●  **Starter Kit**

**Robotis Play 300
Dino's and 600 Pets**

(Recommended Grades K-3)

Robotis PLAY Series are robotics kit designed to introduce students to simple engineering concepts by allowing students to build their own robots. The kits introduce students to the basic parts needed to build robots, including actuators, rivets, motors and more.

●  **Kit 1**

**Robotis Play 700
(Recommended Grades K-3)**

Robotis Play 700 kit introduces coding by having students create programs for their robots through R+ Task and R+ Scratch software.

●  **Kit 2**

**Robotis DREAM Kits
(Recommended Grades 3-6)**

Robotis DREAM robotics kits introduces the fundamentals of mechanical design and the scientific principles of movement, speed, leverage, elasticity, inertia and more. Specifically, Robotis DREAM features:

Level 1- Introduces basic robotics movements and their scientific principles such as the center of gravity, force, and electric power. Level 1 also teaches the principles of biped (2-legged) and quadruped (4-legged) robotics.

Level 2- Builds on level 1 to teach the basics about the structure of robots, IR sensors, and microphone sensors. It also teaches scientific and physical principles of speed, elasticity, inertia, acceleration, and resultant force.

Level 3- Introduces various topics from science theory including sound, velocity, acceleration, and topics from technical theory including 4-wheel drive and engine systems.

Level 4- Teaches the principles of pulleys and other equipment and how to utilize robot peripherals.

Level 5- Provides more advanced teaching of robotics including on machine equipment such as LEDs and caterpillar wheels and introduces scientific principles such as energy transitions.

*Kits come with a fully-colored assembly guide, building tips, curriculum, and pre-designed lessons for the robots.



learn more online
teq.com/robotis



Kit 3

Robotis STEM Series (Recommended Grades 6-9)

The ROBOTIS STEM kits introduce real-world engineering and physics concepts including centrifugal and centripetal force, angular velocity, the conservation of energy, and more! The STEM kits also introduce DYNAMIXEL actuators, which are used with industrial applications worldwide and introduce principles of robot programming related to them.

Kit 4

Robotis Mini (Recommended Grades 8-10)

Robotis Mini is the most advanced robotics kit in the product line and allows your students to integrate concepts explored with the Dynamixel actuators, sensors, LEDs', and motors explored in previous kits to build their own miniaturized humanoid robot. The Robotis Mini can also be programmed using R+ Task and allows students to explore the most advanced C/C++-based programming concepts through programming its Arduino-like open-source embedded controller.



Programming with Robotis

R+ task software is a free colorful, icon-based programming tool based on C++ students can use to create programs for their robots. Programming your robots becomes more complex as you build robots that have more parts. With Robotis, you will have the opportunity to gradually explore more advanced coding concepts as you advance through each of our kits, eventually being able to explore advanced coding concepts with the Mini.

Ultimaker

Enjoy a **seamlessly integrated 3D printing experience**, where hardware, software, and materials work in perfect harmony.

Ultimaker

Engineered for efficiency, reliability, and precision, Ultimaker is the most industrial-grade desktop 3D printer on the market.

Ultimaker 3



Dual extrusion

Never worry about removal scars again. This unique feature enables the use of water-soluble support to create complex parts, intricate surfaces, dual colors, and more.



Swappable print cores

Ensure lower clogging risks. Faster print core changes mean higher uptime and easier maintenance.

Ultimaker 2



Swappable nozzle and geared feedbed

Easily switch between nozzles for greater detail and faster print. Easily swap filament and choose the correct pressure for your filament.



Ultimaker 3 Extended



Ultimaker 3



Ultimaker 2 Extended +



Ultimaker 2 +



Software and Materials

Ultimaker includes Cura, the industry-leading preparation software that turns your 3D model into a file your printer can use. Engineered for all experience levels and great for STEM initiatives.



When combined with Cura, Ultimaker's wide range of materials are formulated to achieve superior results.

Available materials include:

PLA: Ideal for education, versatile choice for smooth and detailed prints.

Nylon: Strong, abrasion-resistant, durable, flexible and low moisture sensitivity.

ABS: Tough, impact resistant, dimensionally stable and handles temperatures up to 85 °C.

CPE Family: Chemical resistant, tough, and handles temperatures up to 100 °C.

PVA Water Soluble Support: Designed to print complex geometries in dual extrusion.

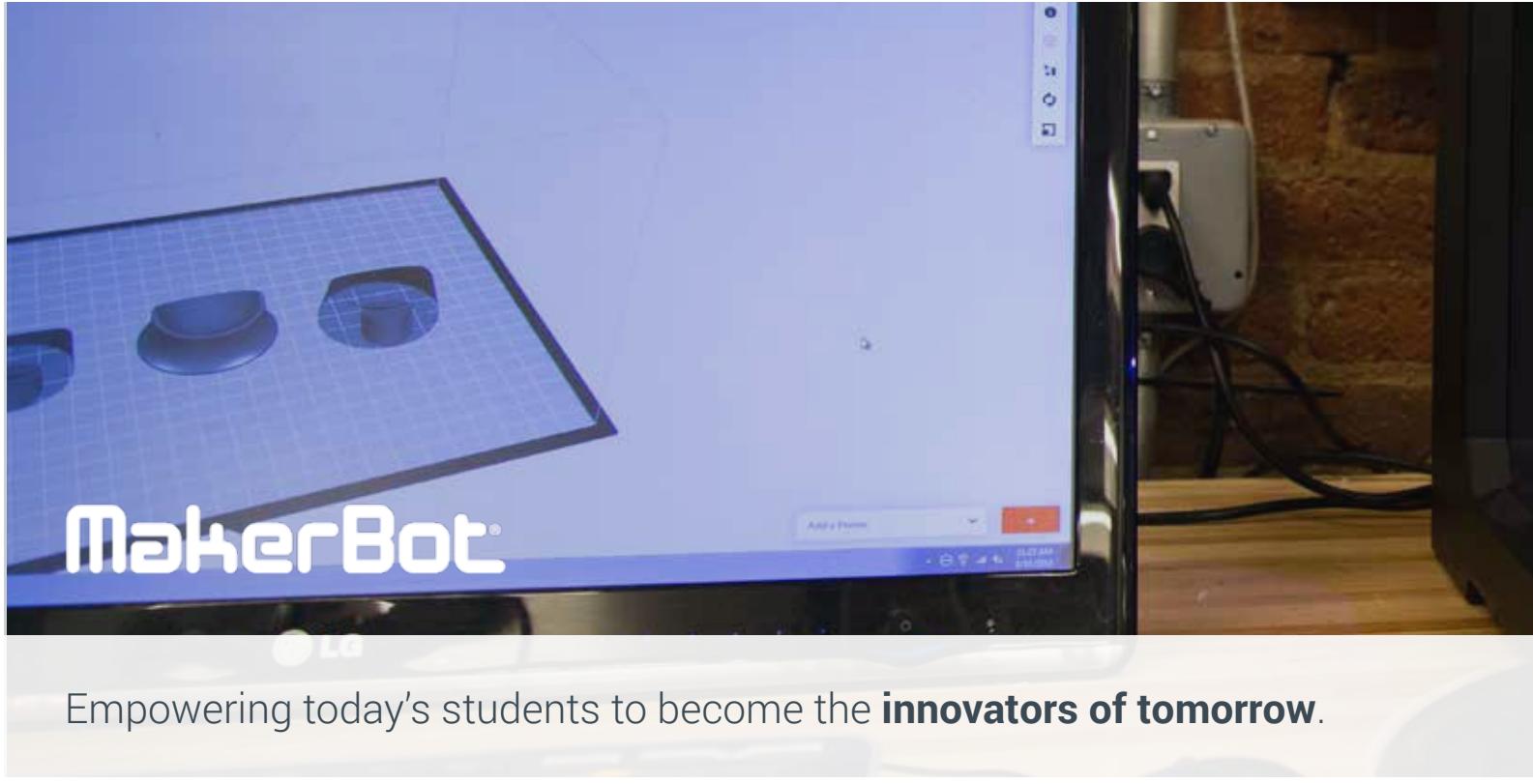
PC: Strong, tough and heat resistant up to 110 °C.

TPU 95A: Semi-flexible, durable, and chemical resistant.

PP: Excellent temperature, chemical, and fatigue resistance with low friction.

Breakaway Removable Supports: Quickly removed by hand providing a quality surface finish.





MakerBot®

Empowering today's students to become the **innovators of tomorrow.**

Replicator +

The MakerBot Replicator+ is engineered and tested for reliable, faster printing.

Features:

- Full Color LCD Display
- Wi-Fi, Ethernet, and USB connectivity
- Flex Build Plate with Grip Surface
- Automatic (Factory) Leveling
- 25% Larger Build Volume
- Access to MakerBot Support Team in NYC

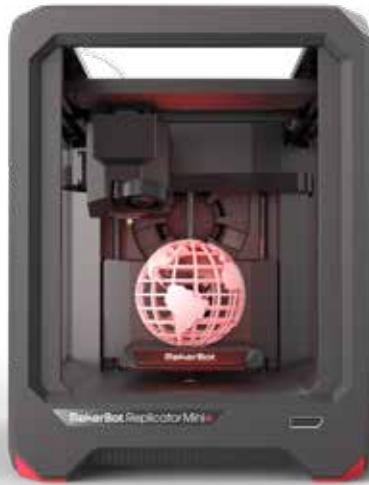
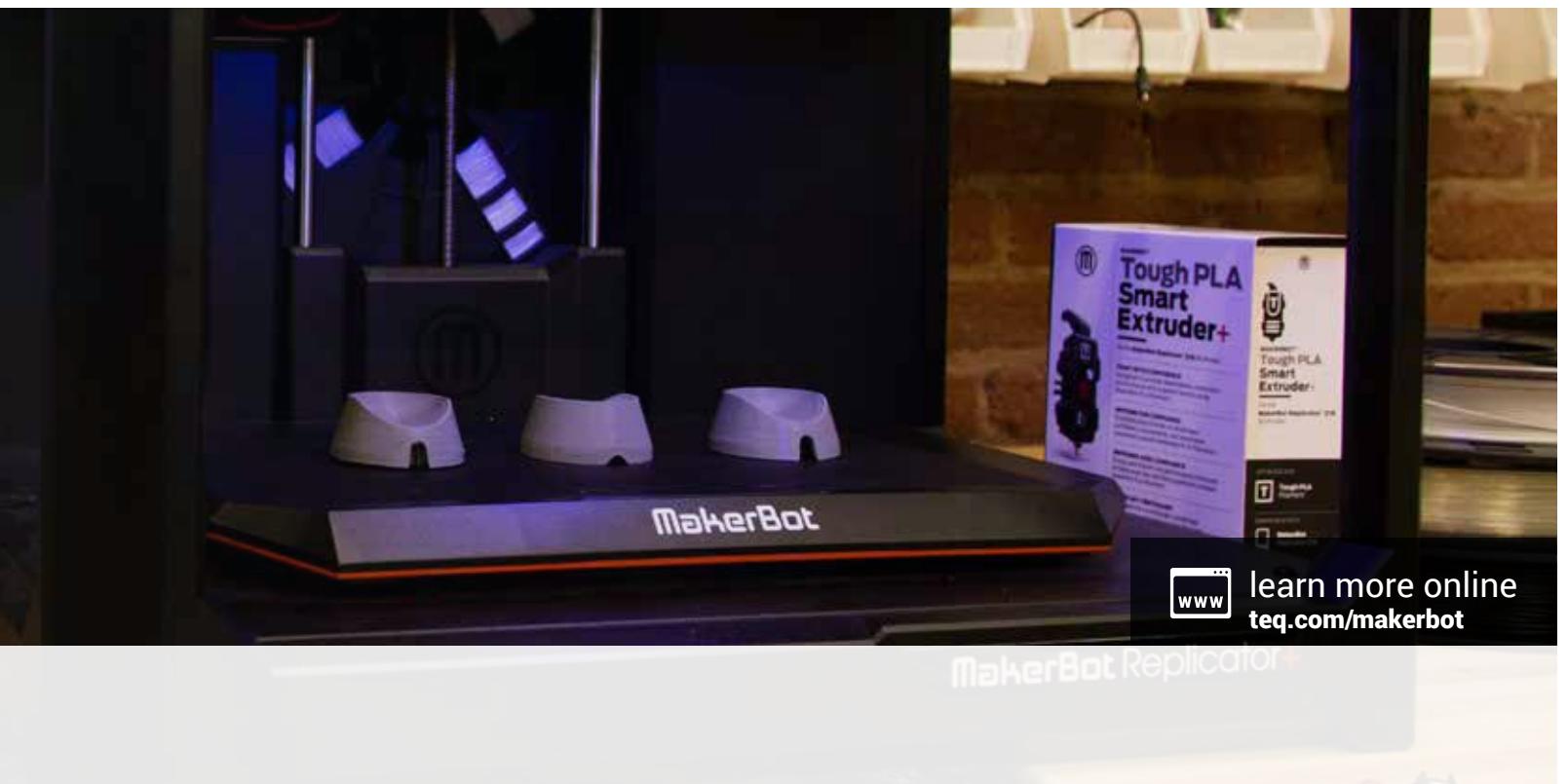


Standardized Features: Features such as the Smart Extruder, on-board camera, wide connectivity, an LCD display, and MakerBot PLA Filament ensure an easy and accessible 3D printing experience.

Swappable SMART Extruder +: Improved components and an enhanced sensor system ensure the printing process is streamlined and reliable and can be simply swapped out for another extruder to minimize downtime.

Flex Build Plate with Grip Surface: Prints adhere better to new Grip Surface resulting in reduced warping and curling. No blue tape required. Prints are also easier to remove with the new bendable Flex Build Plate and is factory-leveled so your Replicator+ is ready to go right out of the box.

Cloud-Enabled: The MakerBot Replicator+ is Cloud-enabled, allowing you to control and manage one or more printers over the cloud using MakerBot Print or MakerBot Mobile software.



Replicator Mini+

The MakerBot Replicator Mini+ combines portability with ease-of-use for a simple, accessible, and reliable 3D Printing experience.

Features:

- Portable and easy to move between classrooms or offices.
- Build plate with grip surface for reduced warping and curling and factory leveled to be ready to go right out of the box.
- 58% quieter printing for a more focused environment.
- Cloud-enabled to control and manage one or more printers over the cloud.



Replicator Z18

With a massive build volume, you can print prototypes and parts at a vastly lower cost than industrial 3D printers with the MakerBot Replicator Z18.

Features:

- Best price-to-performance ratio in the industrial 3D printer category.
- Create professional-quality, high-resolution prototypes and complex models.
- Refine designs at a faster pace with Real-Time Prototyping™ technology.
- Wi-Fi, Ethernet, and USB connectivity create a seamless production workflow.

Labdisc

Revolutionize the way students learn with this **portable** and **cost-effective** science lab.

Labdisc

Labdisc is an all-in-one, data logging device that places an advanced science lab into the hands of young scientists. The only K-12 science solution with more than 10 wireless sensors built into a single compact device, available for general science, physics, biochemistry, and environmental science.

Internal sensors include:



Labdisc GenSci

Air Pressure, Current, GPS, Light, Microphone, Motion, pH, Relative Humidity, Temperature, Universal Input, Voltage.



Labdisc Physio

Accelerometer, Air Pressure, Ambient Temperature, Current, Ext. Temperature, Light, Low Voltage, Microphone, Motion, Universal Input, Voltage.



Labdisc BioChem

IR Pressure, Ambient Temperature, Barometric Pressure, Colorimeter, Conductivity, Dissolved Oxygen (electrode sold separately), GPS, Heart Rate, Light, pH, Relative Humidity, Thermocouple, Turbidity, Universal Input.



Labdisc Enviro

Barometer, Sound Level, Colorimeter, Dissolved Oxygen (electrode sold separately), GPS, IR Temperature, pH, Relative Humidity, Temperature, Turbidity, Universal Input.



www

learn more online
teq.com/labdisc



Zero setup time

The Labdisc's internal microprocessor automatically calibrates the built-in sensors, freeing educators to focus on science concepts rather than equipment.



Enable portable data collection

through a Bluetooth connection and GlobiLab, Labdisc's included software.



Seamlessly Integrates with Classroom Devices

Students can analyze their findings with a variety of data displays and graph manipulations on interactive displays, laptops, Chromebooks, or iPads.

Labdisc Mobile Cart

- Storage and charging docks for 16 Labdisc units and 16 tablets
- Special storage compartments for electrodes and accessories
- Lockable doors and steel design for safe storage



jump start NAO

Revolutionize the way your students learn with the **most engaging robot** on the planet.

JumpStart NAO

JumpStart NAO combines NAO, the most widely-used robot in academics world-wide, with Teq's Professional Development. Educators develop the skills to create NAO-centered activities that foster collaborative learning, critical thinking, and research and planning skills, while students discover a broad range of STEM disciplines.



NAO is an autonomous, programmable humanoid robot that runs on Choregraphe software.



With NAO, teachers practice project-oriented pedagogy, making classes lively and fun for students of all ages.



Teq's Professional Development gives educators the skills to operate NAO, no matter their prior experience with STEM and robotics, through a number of on-site training sessions with Teq's PD Specialists.

NAO·U

This downloadable, digital textbook offers over 30-hours of curriculum for your NAO robot. Perfect for an after school or summer program, these activities are geared toward a wide-range of grade levels and subjects. NAO·U helps educators deliver STEM lessons, no matter their prior knowledge of robotics.





learn more online
teq.com/jumpstartnao



JumpStart NAO 1

Includes 1:

- NAO humanoid robot
- 2-year standard warranty
- Introduction to Robotics with NAO textbook and PDF
- Unlimited Choregraphe software license

5 full consecutive PD days



JumpStart NAO 2

Includes 2:

- NAO humanoid robot
- 2-year standard warranty
- Introduction to Robotics with NAO textbook and PDF
- Unlimited Choregraphe software license

5 full consecutive PD days



JumpStart NAO 3

Includes 3:

- NAO humanoid robot
- 2-year standard warranty
- Introduction to Robotics with NAO textbook and PDF
- Unlimited Choregraphe software license

5 full consecutive PD days

Engages students through project-based learning, and promotes individual and group work.

Supports a STEM curriculum and stimulates curiosity into STEM subjects with NAO's hands-on exercises.

Learn to Code - Encourages student innovation and creation with NAO's powerful and fully-programmable platform (SDK provided: C++, Python, Java, .Net)

Promotes cross-curricular teaching and learning - Through NAO activities, students can explore everything from science to social studies.



Encourage students of any grade level to experience STEM activities like **3D printing**, **coding**, and **website design** with STEM Fuse.

STEM Fuse

STEM Fuse is a digital STEM curriculum with over 20 available courses. Each STEM Fuse course comes with a teacher guide, step-by-step presentation, and lesson plan, for an easy deployment of STEM into core K-12 curriculum. STEM Fuse digital content fits any device, LMS, interactive board or panel, and can be downloaded as printable PDF files.

STEM:IT Elementary combines programming lessons, unplugged STEM activities, and 3D printing projects into project-based STEM lessons for core elementary subjects (ELA, Math, Science, and Social Studies). This package includes three lessons per core subject area for a total of 12 lessons for grades K-5.

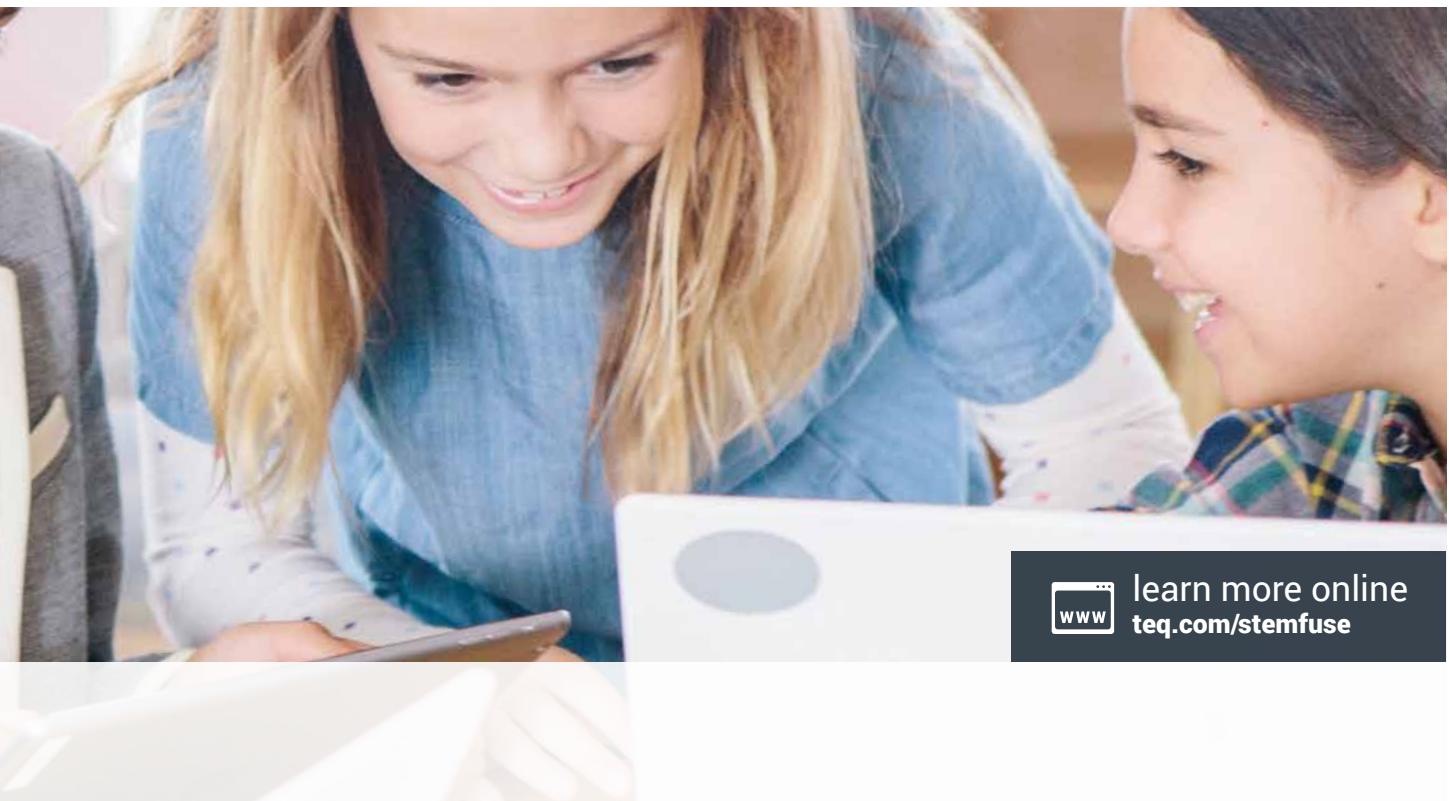
STEM:IT Middle and High School includes cross-curricular STEM challenges in which students are faced with real-world problems and use the engineering design cycle to lead them through the process of solving them.

READ:IT is a fully digital and interactive RTI (response to intervention) based reading program. The systematic, multi-sensory approach incorporates all five components of reading (phonemic awareness, phonics, fluency, comprehension and vocabulary) to ensure the combination of teacher-directed instruction and intervention with independent student activities. (Available for grades K-5)

GAME:IT exposes your students to a wide range of concepts and technical skills that will greatly help them succeed in the future.

GAME:IT provides instruction in six critical areas:

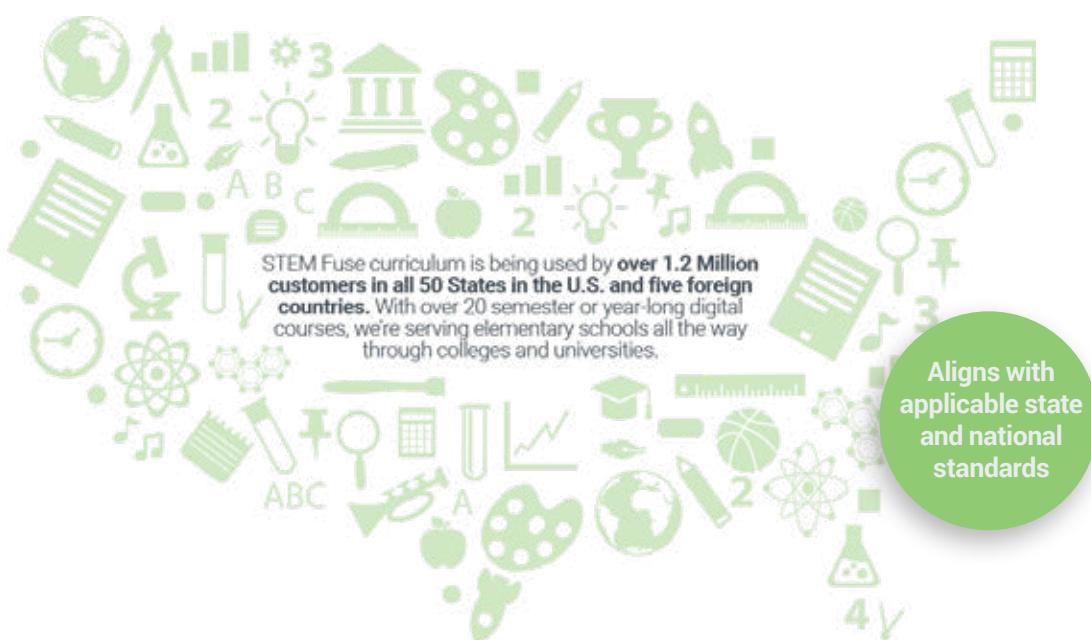
1. Skills related to software development, computer programming, and graphic design
 2. Creative, innovative, and critical thinking
 3. Communication and collaboration
 4. Using appropriate and accessible digital tools for research and learning
 5. Using engineering, physics, and mathematical concepts critical to game development
 6. Post secondary and career options, and resources related to STEM
- (Courses available for elementary, middle, and high school)



learn more online
teq.com/stemfuse

MOBILE APP.IT is a semester-long, project-based course that introduces students to Java programming and the development of mobile applications for Android devices.

WEB DESIGN is a semester-long, project-based course introduces students to web design and content management systems (CMS).



Descriptive
Verbs

spy

laugh

chug

gobble

Pass
Ver



Enrich. **Sight & Sound**

Enrich student experiences and cultivate collaborative learning with the latest interactive displays and classroom audio systems.

SMART™ Board® 7000 Series

The **pinnacle** of interactive classroom displays.

7000 Series

The most advanced SMART Board, the 7000 series includes exclusive iQ technology, bringing devices, lesson content, and software together for a cohesive and collaborative educational experience.

The iQ technology seamlessly connects your lesson content, interactive display, student devices, and pedagogy in a few simple steps.

No need for wires and cables, nor manual software and firmware updates. Everything you need is in one place, and available at the touch of a finger.



Simple and Intuitive Tools

- Fingers glide effortlessly using SilkTouch™ technology, providing hours of comfortable, error-free use
- Object awareness™ automatically differentiates between a finger, pen, or palm on the board to let you touch, erase, and edit with ease
- Pen ID™ enables writing in different colors at the same time to encourage collaboration
- Responsive SMART ink™ guarantees writing legibility with your pen or a finger.
- 16 simultaneous touch, writing, and erase points on Windows® and Mac®



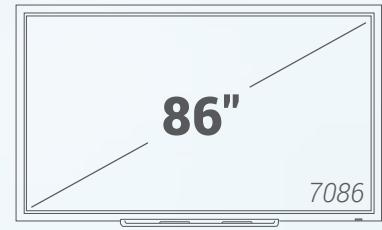
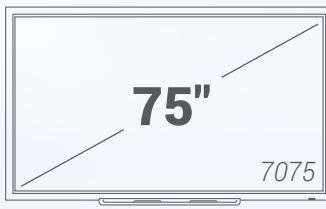
SMART
Learning
Suite software
included



Certified by ENERGY STAR to save energy, lowering your total cost of ownership.



learn more online
teq.com/sight-and-sound/smart-board-7000



Key Features



iQ technology

Connects lesson content, interactive displays, and student devices, all in one place.*



Wireless Screen-Sharing

Quickly and easily show whatever is on your Android, iOS and Microsoft device, or laptop on the display.



SMART Learning Suite included free

All SMART Boards come with a 1-year subscription to SMART Learning Suite's interactive lessons, game-based activities, formative assessment, online co-creation and more (SMART Notebook, SMART lab, SMART amp, SMART response, and SMART Learning Suite Online.)

Includes

- 4K Ultra HD video resolution with HDMI 2.0
- Convenience Panel for instant access to power, volume, USB and HDMI inputs
- Easily preview and switch to HDMI 1 and 2, DisplayPort and VGA sources from the screen
- Integration with tablets and phones, including Chromebooks
- Dual proximity sensors can automatically turn on the SMART Board when you walk in the room
- ENERGY STAR® certification saves on energy costs
- Constructed from certified conflict-free materials

*Unlike other interactive displays, the SMART Board does not lock you in to a proprietary operating system or Android-based PC. With SMART, you can equip classrooms the best way you see fit.



Board 6000 Series Interactive Displays

The **most popular SMART Board** in the world just got even better.

SMART Board 6000 Series

The SMART 6000 Series now includes exclusive iQ technology—unifying classroom devices, your SMART Board, and your software to create a hub for classroom collaboration.

Seamlessly connect your lesson content, interactive display, student devices, and pedagogy in a few simple steps.



Certified by ENERGY STAR to save energy, lowering your total cost of ownership.

learn more online
teq.com/sight-and-sound/smart-board-6000

6065 6075

Key Features



iQ technology

Connects lesson content, interactive displays, and student devices, all in once place.



SilkTouch technology

Unrivaled precision for writing and touch, with hours of comfortable and error-free use.



Object Awareness

Provides the most natural experience by automatically differentiating between finger, pen, or palm.



SMART Ink

Guaranteed writing legibility with your pen or a finger.



4K UHD Display

Stunning visual displays for the clearest instruction.



SMART Learning Suite Included

Turn your lessons into enriching learning experiences. SLS combines lesson delivery, assessment, student collaboration, and game-based learning software into one ultimate education suite.



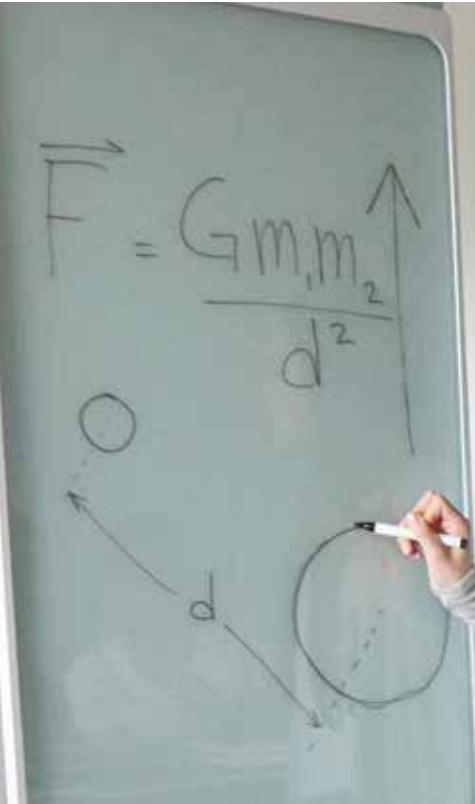
Pen ID™

Enables writing in different colors at the same time to encourage collaboration.



Simultaneous Touch Points

With 8 simultaneous points of touch on both Windows and Mac, multiple students can collaborate at the board using gestures such as zoom, rotate, and flip regardless of the operating system.



SMART kapp

SMART kapp is the share-as-you-go whiteboard. Write on the kapp with a dry-erase marker, and digitally share your work with others in real time. Save SMART kapp notes on your tablet or PC, and with a tap, erase and repeat. The perfect portable solution for any type of gathering, like a board meeting, PD session, or PTA meeting – Virtually anywhere a flip chart is used.

All SMART kapp work can be uploaded to SMART Notebook. Available in 42" and 84" models.





Key Features



Get started right away

Installation is easy with no IT integration required.



Expanded live sharing

Share content in real-time with up to 250 students simultaneously, allowing everyone to see what's on the board as it unfolds.

- Students follow content in real-time on their devices
- Students can download the session's snapshots directly from their browsers



Secured live sharing

Control the privacy of your sessions with a PIN code.



Static session link

Get started right away by sharing a reusable link, so everyone is logged in and ready to go when it's time to learn.

- Reuse the same link for every class
- Students can bookmark the link to easily log in



Watermark-free snapshots

Export your snapshots as watermark-free PDFs and JPEGs.



Interact with iQ technology

Connect Kapp content to any SMART 6000 and 7000 series panel with iQ technology.



they had c...tes

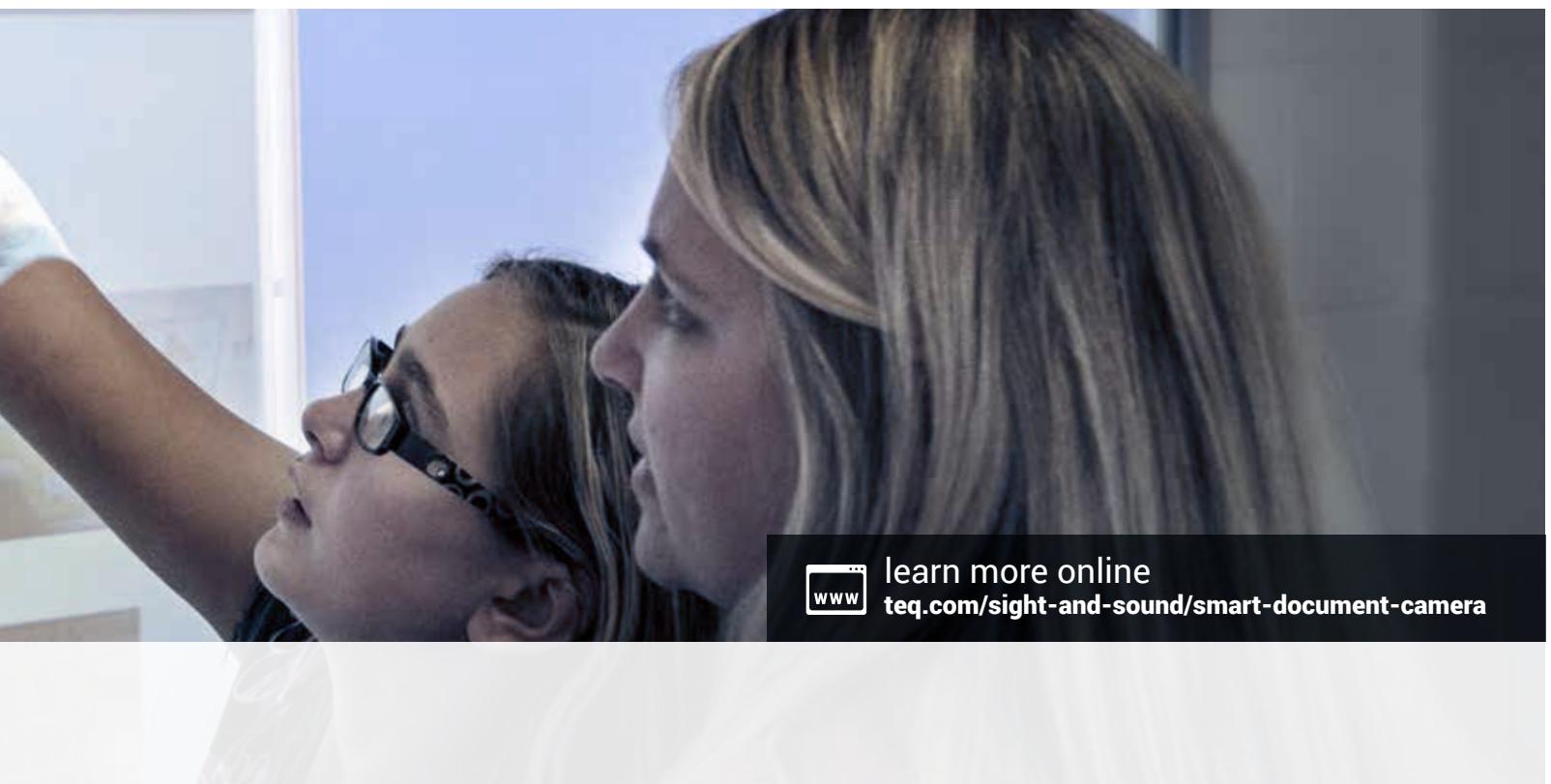
SMART™ Document Camera

Create exciting multimedia content by turning everyday objects into **captivating digital visuals**.

SMART Document Camera

With the SMART Document Camera's 3D lesson content and mixed-reality tools, lessons are more engaging, and complex and abstract concepts are easier to understand.





learn more online
teq.com/sight-and-sound/smart-document-camera

Key Features



High-Quality Images

Enable high-quality multimedia images with competitive specifications - 5MP camera, 80x zoom, and 1080p maximum video output resolution.



360-degree view of any object

The flexible gooseneck design makes it easy to view objects from different angles. The lens can be aligned to a microscope using an optical adapter (included).



Built-in Microphone

Enables easy video and audio recordings.



Easy image control

Automatically focus any image and easily adjust brightness levels to suit varying light conditions with the on-screen menu. The LED lamp allows you to use it in a darkened room.



Webcam Adaptability

Use as a webcam with conferencing software such as SMART Bridgit, to present objects to remote students.



Intuitive control panel

Control all functions – including magnification, brightness and focus settings – from one simple interface on the SMART Document Camera.



Easy-Storage

Has a flexible arm for easy positioning and fold-flat storage.



Seamlessly integrates with SMART Notebook



AUDIO ENHANCEMENT

Increase student engagement, **improve** teacher effectiveness, and **maximize** academic success with Audio Enhancement.

Audio Enhancement

Audio Enhancement Systems are sound amplification systems proven to enhance classroom interaction and student outcomes, while lowering teacher stress and fatigue.

When students struggle to hear the lesson, they often miss key principles for understanding. Audio solutions distribute the teacher's voice evenly throughout the classroom so all students hear at the same sound decibel, no matter where they are sitting.

With multiple options and upgrade paths, schools have the freedom to choose the solution that best fit their classrooms. Teq offers 3 Audio Enhancement options – the complete **Classroom Audio System**, **Partial Speaker Kit System**, and the **SoloSolution Portable System**.



Audio Enhancement XD Classroom System



Among other benefits, classroom audio will:



Amplify Teacher Voice

Teachers can now speak in their natural voice, resulting in reduced fatigue, stress, and absences.



Maximize Academic Success

Studies have shown a 10% gain in achievement test scores and on-task behavior in just the first year of using Audio Enhancement systems.



Evenly and Clearly Distribute Sound

Whether you're in the front or the back of the room, all students hear clearly.



Optimize Your Classroom

Excellence no longer requires a front row seat.



Audio Enhancement Speaker Kit



SoloSolution Portable Multimedia Speaker System



XD SoloSolution Portable Multimedia Speaker System

SAFE System

Having a **reliable emergency alert system** is not a luxury, it is a necessity.

SAFE System

Schools should be a safe place, where teachers help students realize their full potential without the fear of danger and violence. The SAFE incident management system helps schools achieve this goal.

The SAFE System (System Security Alert for Education) provides instant audio and video communication with authorities in the event of an emergency. Each component of the SAFE system quickly and seamlessly forwards alert messages, while simultaneously capturing audio and video of the incident.





learn more online
teq.com/sight-and-sound/safe-system

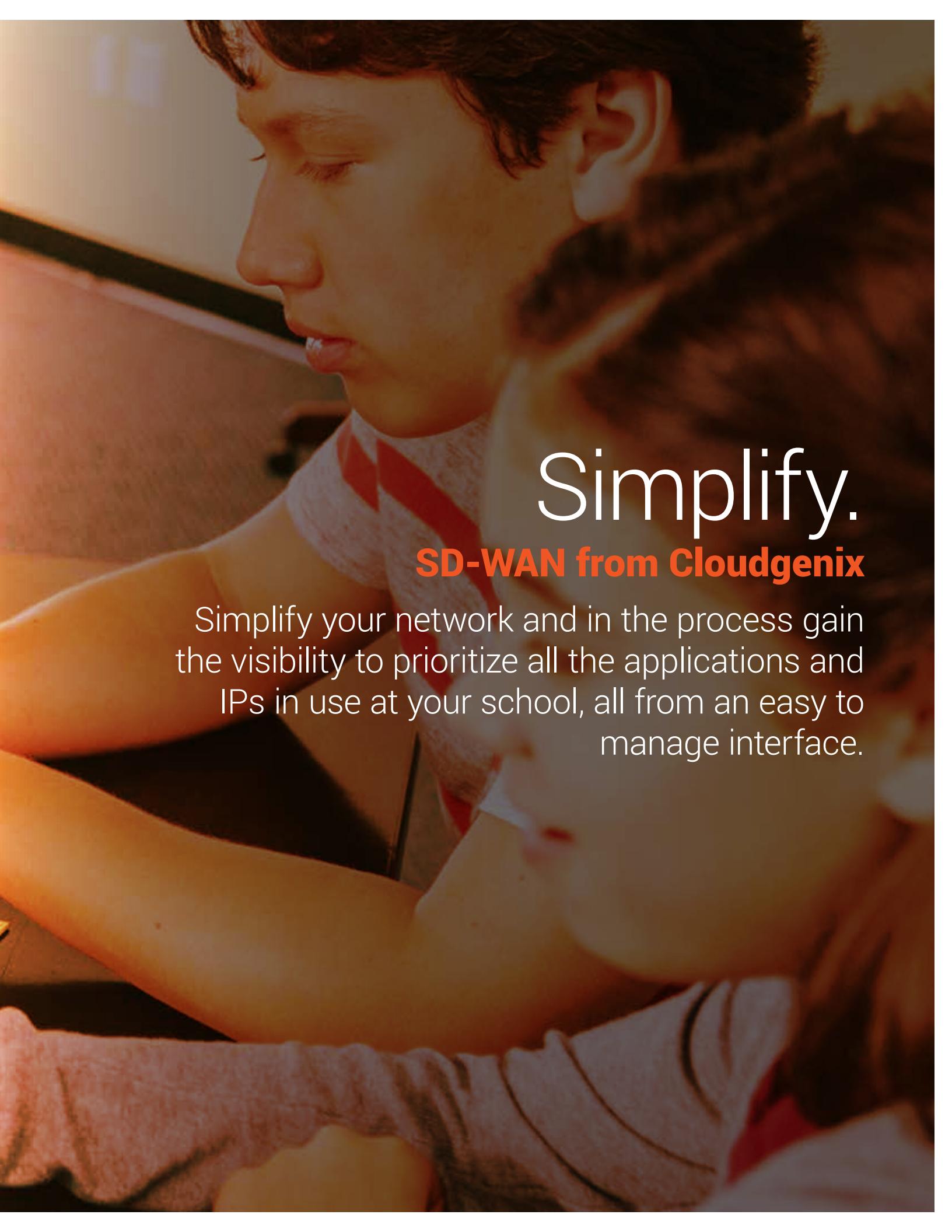


The 6 Step System includes:

- 1. Teacher Pendant Microphone:** **Wirelessly transmits** a silent alert signal to the ceiling-mounted sensor. Simply press and hold the discreet alert button to activate the system.
- 2. Dome Sensor/Receiver:** **Receives** the alert signal from the microphone and sends it to the classroom network device. LED lights display red to indicate that the message has been sent and green when it has been acknowledged.
- 3. EduCam360 or Network Interface:** **Relays** the information over the network to the SAFE controller while providing a backup ambient microphone.

- 4. SAFE Controller:** **Monitors** all network devices. Instantly sends a notification to the MS-1000 if an alert is triggered or one of the network devices goes offline. Email alerts are sent to administrators and appropriate personnel.
- 5. MS-1000 Monitoring Station:** **Sounds** an alert and strobe lights flash in the front or administrators office while displaying location information in the units message window
- 6. SAFE VMS:** **Live classroom audio and video** become available instantly. Campus mapping features allow first responders to see exactly where an alert originated.



A close-up photograph of a young boy with short brown hair, wearing a white shirt with red stripes on the collar. He is looking down at a desk, focused on something he is working on. The background is slightly blurred, showing what appears to be a classroom or study environment.

Simplify.

SD-WAN from Cloudgenix

Simplify your network and in the process gain the visibility to prioritize all the applications and IPs in use at your school, all from an easy to manage interface.



CLOUDGENIX

Improve connectivity so you can shift to a digital curriculum.

CloudGenix

CloudGenix is a software-defined wide area network (SD-WAN)* that leverages innovative application and network performance monitoring tools, so IT staff can quickly discover, isolate, and solve problems that negatively impact network performance. CloudGenix ensures that software running on a school's network doesn't crash, and quickly delivers data to student and classroom devices.

CloudGenix Benefits

ROI

- Reduces hardware costs by replacing expensive proprietary hardware with x86 commercial hardware. Eliminate the need for third party network security, visibility, and management tools.
- Increases network efficiency by dynamically selecting the optimal path for an application.

Central Control Point

- Reduce complexity by eliminating routing protocols and creating app policies from a single location.
- Improve network agility, allowing for easy management of app policies in real time.

Software Assurance

- Ensure digital curriculum and assessment applications are delivered without disruption by giving them priority on your network. Optimize available bandwidth by blocking applications that are recreational.
- Be confident that there are no issues with your network preventing the delivery of critical applications with a free network assessment.

*A **Software-Defined Wide Area Network (SD-WAN)** is a telecomm or computer network that extends over a large distance using software and virtualization technologies to connect remote locations. Unlike traditional WANs, which usually utilize hardware such as routers, switches, and proxy servers at school locations to manage and control the network, SD-WANs manage and control the network virtually from one central location. Instead of using complex routing protocols, SD-WANs configure application policy by using plain language to identify transport paths for specific users, applications, and SLA customers.





learn more online
teq.com/sd-wan

Key Features



Cloud-based Technology

Uses software and virtualization technologies, instead of traditional hardware. Applications and data are delivered from the data center to school locations virtually.



Prioritize applications

Ensures applications that focus on digital curriculum and online assessment receive priority and are delivered without interruption.



Blacklist Applications

Block recreational applications from traversing the school's network to optimize available bandwidth.



See every IP address and URL that every device is using in real time.

Being able to identify every IP address allows your IT team to better secure your network. See what types of devices are being used on your network and can take action to improve network performance.



Easy to set up, easy to use

CloudGenix can be configured and set up at school locations in 10 minutes without disruption. CloudGenix school devices have pre-built application patterns so they can identify all the apps on a network before even logging in for the first time.



Accessories

We evaluate, you benefit. Products designed to
**enrich student lessons and cultivate a
collaborative learning** environment.

Tech Tub²

In the classroom or on a fieldtrip, the Tech Tub² takes the stress out of **protecting** and **transporting classroom devices**.

Tech Tub² family

The Tech Tub² collection of storage and charging systems is designed to protect your classroom devices, and easily move them wherever learning takes place. With a variety of trolleys, carts, and easels available to stack and store your tubs, moving classroom devices has never been safer or simpler.



Affordable

Tech Tubs offer a direct alternative to high-cost, heavy, and oversized tech storage and charging carts. Tubs are sold individually, allowing schools to "grow their technology" at a pace that supports their device budgets.



Mobile

Tech Tubs can be purchased individually and carried throughout a school or incorporated into trolleys, modular cart systems, and teaching easel configurations.



Flexible

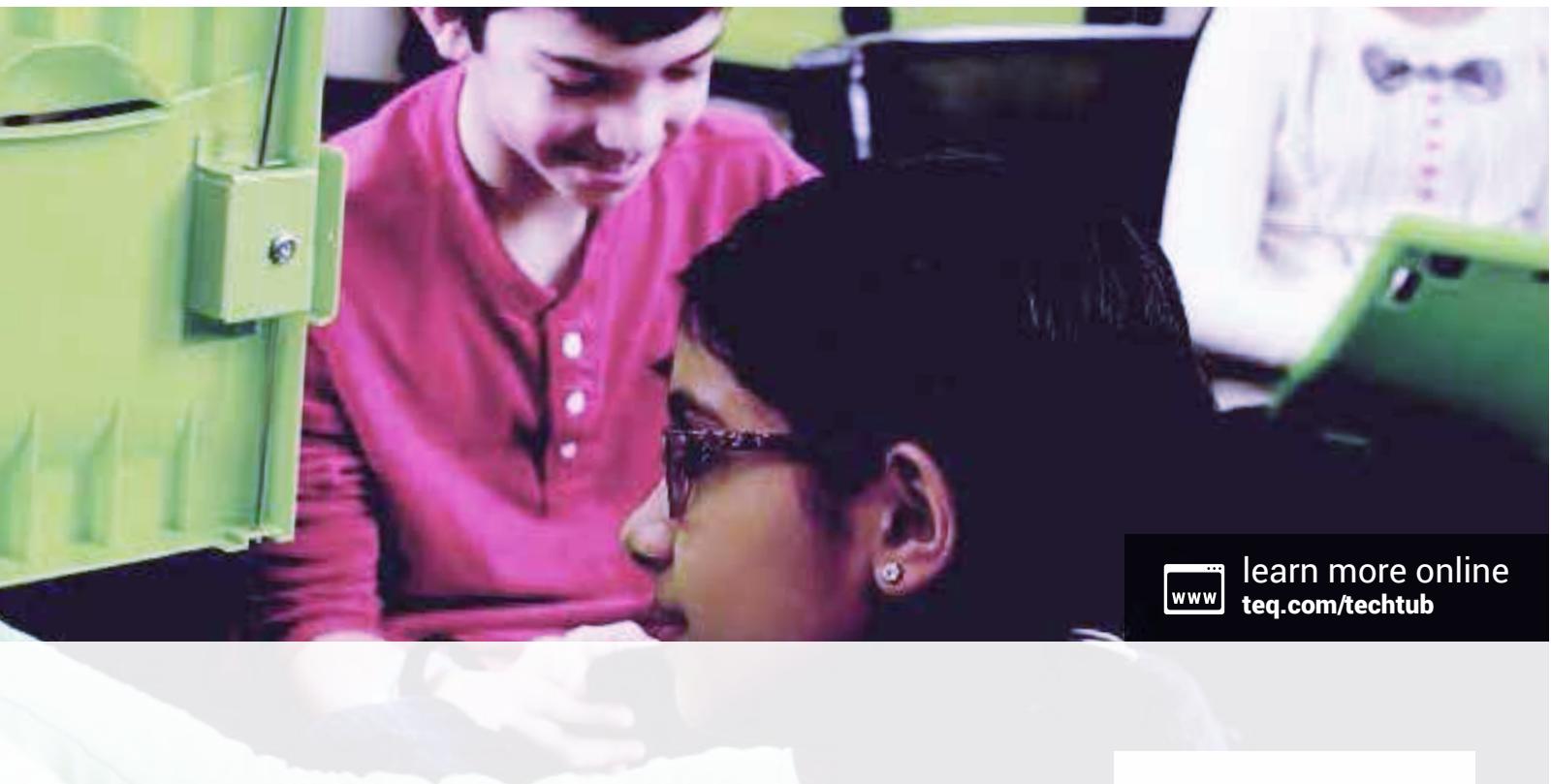
Tech Tubs can store, charge, and sync Apple devices, most 11" Chromebooks, and other tablets with or without cases.



Base Model



Premium Model - 10 Device



learn more online
teq.com/techtub

Features:

- Designed with two ergonomic handles to make carrying easier
- Holds all generations of iPads®, most 11" Chromebooks™, and other tablets
- Adjustable shelves accommodate devices with and without cases
- Easy-to-use cable organizer and lower compartment to keep cords and adapters tidy
- Internal 6 outlet power strip with surge projection
- Cable hooks on the back to manage cords
- Made from durable high impact ABS plastic
- Ventilation throughout to prevent heat build-up
- Mounting hardware to secure tub to a surface
- 3-point lock with 2 keys



Premium Model - 6 Device



Tech Tub2® Trolleys



Tech Tub2®
Modular Cart System



Tech Tub2®
Premium Cart



Dual Duty
Teaching Easels



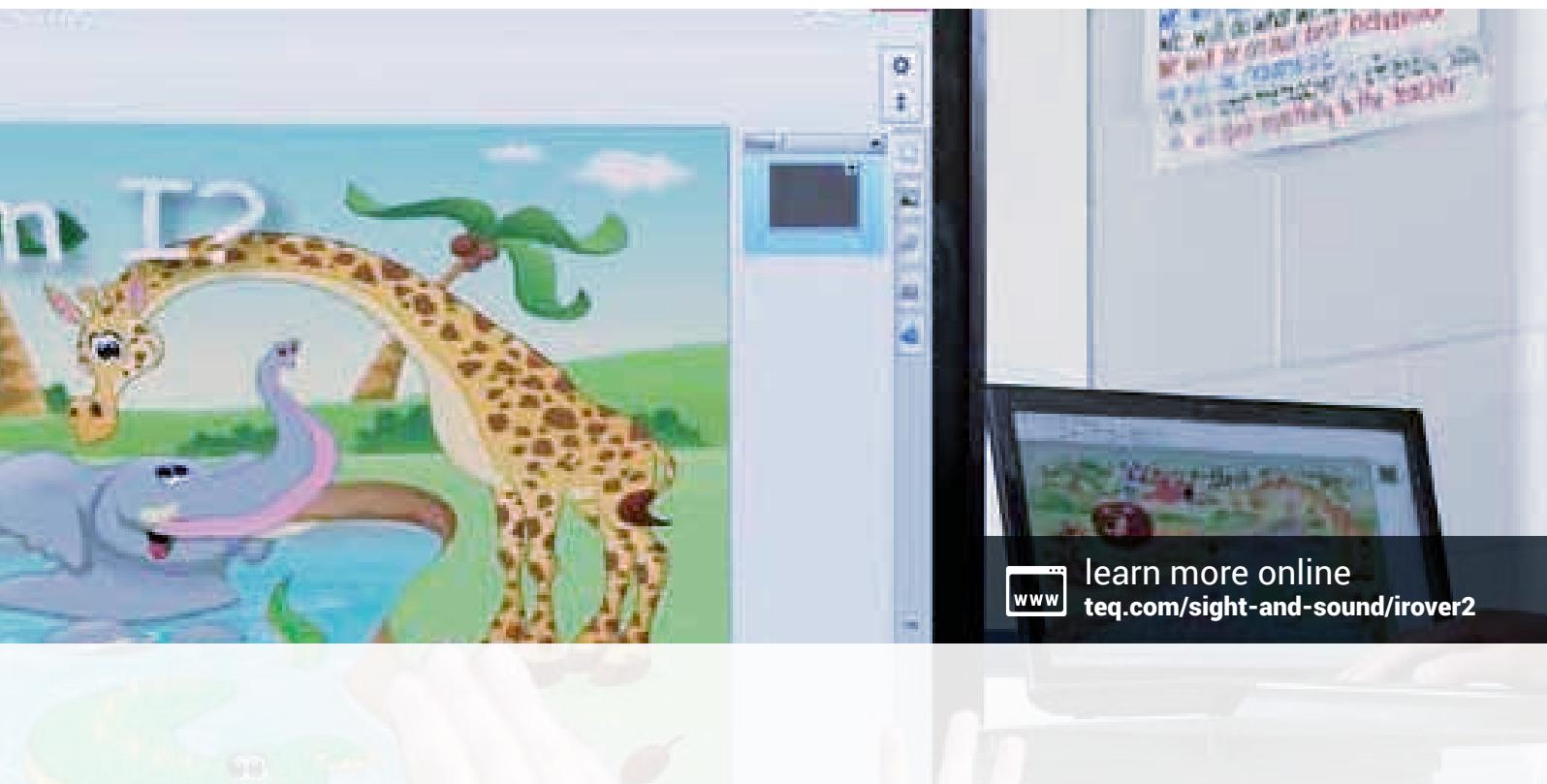
Copernicus iRover²

Make interactive flat panels **more accessible** and **safer to move** with the adjustable and mobile iRover^{2™}.

iRover²

Perfect for elementary and middle school classrooms, the iRover²'s sturdy design, ergonomic handles, and electric-lift function allows all students, including those with special needs, to interact with classroom panels.





learn more online
[www.teq.com/sight-and-sound/irover2](http://teq.com/sight-and-sound/irover2)

Key Features



Mobile

Move flat panels around the school or classroom, without the need for recalibration, a great time-saver for teachers.



Kid-Friendly Design

Rounded handles and sturdy legs not only protect the board, but also keep students injury-free in the event they bump into the stand. No sharp edges here.



Cost Effective

Share Interactive Flat Panels with multiple classrooms using the iRover²— freeing up funds that can be used towards purchasing tech devices and other tools.



Robust

Protect your investment, even when on the move, with the iRover²'s sturdy design and adjustable handles that wrap around the panel.



Copernicus 3D Printer Cart

Allow 3D printing to happen **whenever, wherever.**

3D Printer Cart

When schools increase their 3D printing usage, the need to properly store printer tools and materials also increases. With the Copernicus 3D Printer Cart, printing equipment can be stored in one convenient location and easily moved from space to space. Ideal for libraries and classrooms with limited room.





learn more online
teq.com/sight-and-sound/accessories

Key Features



One-stop-shop

Store all your 3D printing needs in one user-friendly space.



Flexible

Easily manage equipment of all shapes and sizes with customizable storage combinations.



Compact

Maximize the use of your 3D printer while not compromising space with the cart's compact design.

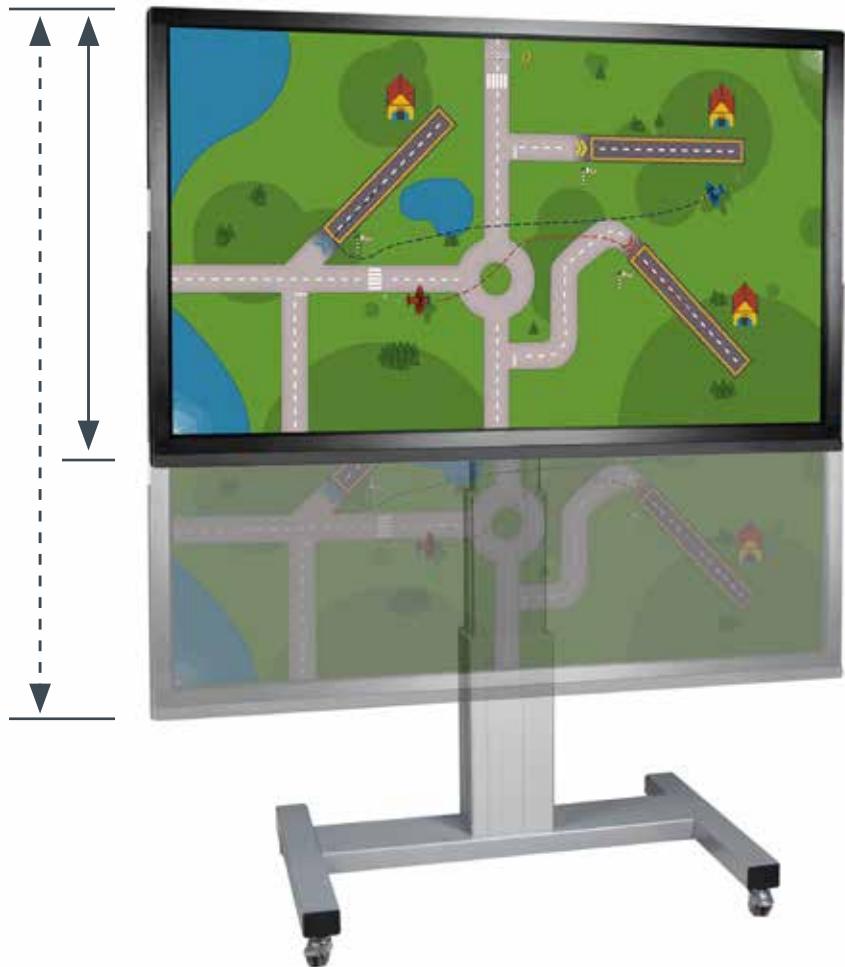


Conen Mounts

Classroom technology should reach as many people as possible. Conen's motorized mounts makes that possible, giving **every teacher and student the opportunity to participate.**

Conen Mounts

Conen motorized mounts ensure classroom displays are always where they need to be. Whether wall mounted, free standing, or mobile, Conen's mounting solutions offer smooth adjustability and maximum flexibility to any Interactive Flat Panel.





learn more online

teq.com/sight-and-sound/wall-mounts-mobile-stands

Key Features



Sturdy

Interactive displays are kept safely secured, regardless of the mount model.



Flexible

Height adjustable so every student can see and use the interactive display.



Mobile

Conen's Mobile Stand allows Interactive Flat Panels to be moved around the classroom or school.



STEM MAKER STATION

Copernicus STEM Maker Station

STEM Maker Station

Make building and hands-on learning experiences readily available to your students with the STEM Maker Station—a mobile cart that stores essential maker materials in one secure place.





 learn more online
teq.com/stem/stem-maker-station

Key Features



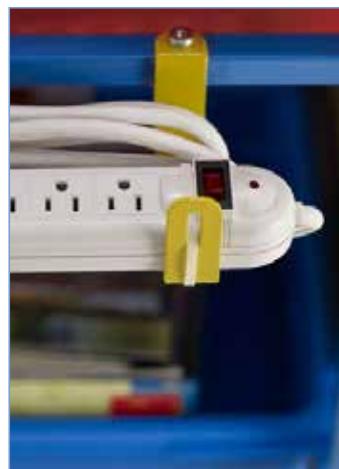
Durable and Mobile

Its weight and mobility makes it ideally suited to K-12 level students. Perfect for mechanical and art-based classroom activities.



Extensive Storage

This station is designed to manage the storage of tools, materials, and tech devices. The large open storage rack, open tubs, and large bottom shelf are suitable for carrying a wide range of materials and negate the need for using multiple storage solutions.





Modular Furniture

A **complete line of classroom solutions**, including modular furniture, power management, and storage.

Active Classroom Solutions

As schools implement new technologies into classrooms, consider revitalizing your instructional spaces with modular furniture to support new opportunities for student collaboration, cooperation, and kinesthetic learning. Customize your classroom environment to fit the needs of your students. Create collaborative spaces, areas for direct instruction, or space for individual work.





learn more online
teq.com/stem/furniture

Key Features



Modular

Modular furniture brings simplicity and functionality to any classroom. Designed for a variety of learning styles and to promote collaboration, modular furniture is easily assembled, and have numerous group configurations.



Configurable

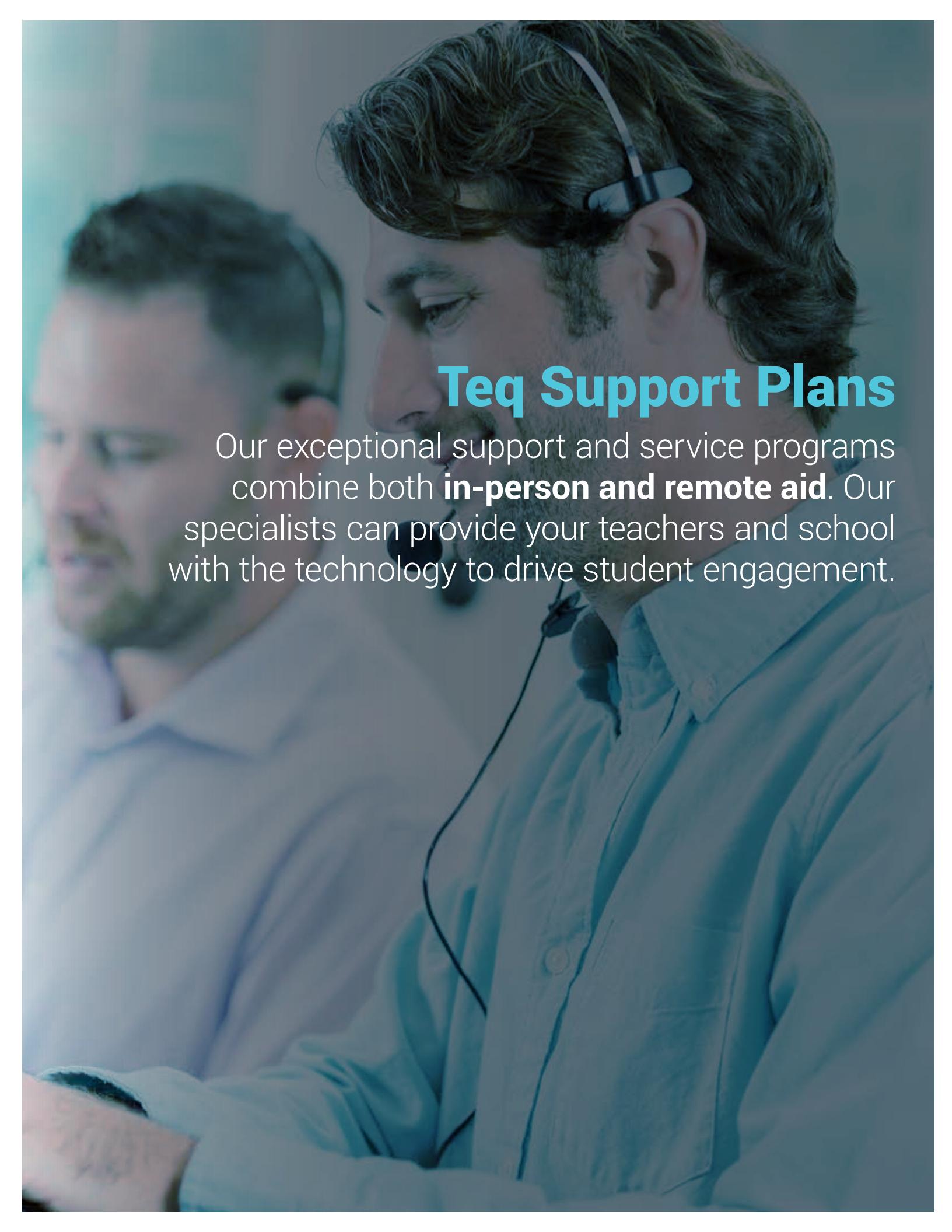
Lounge seating creates a multitude of spaces for establishing privacy or collaboration. Coordinating pieces configure as circular or straight arrangements.



Charging Access

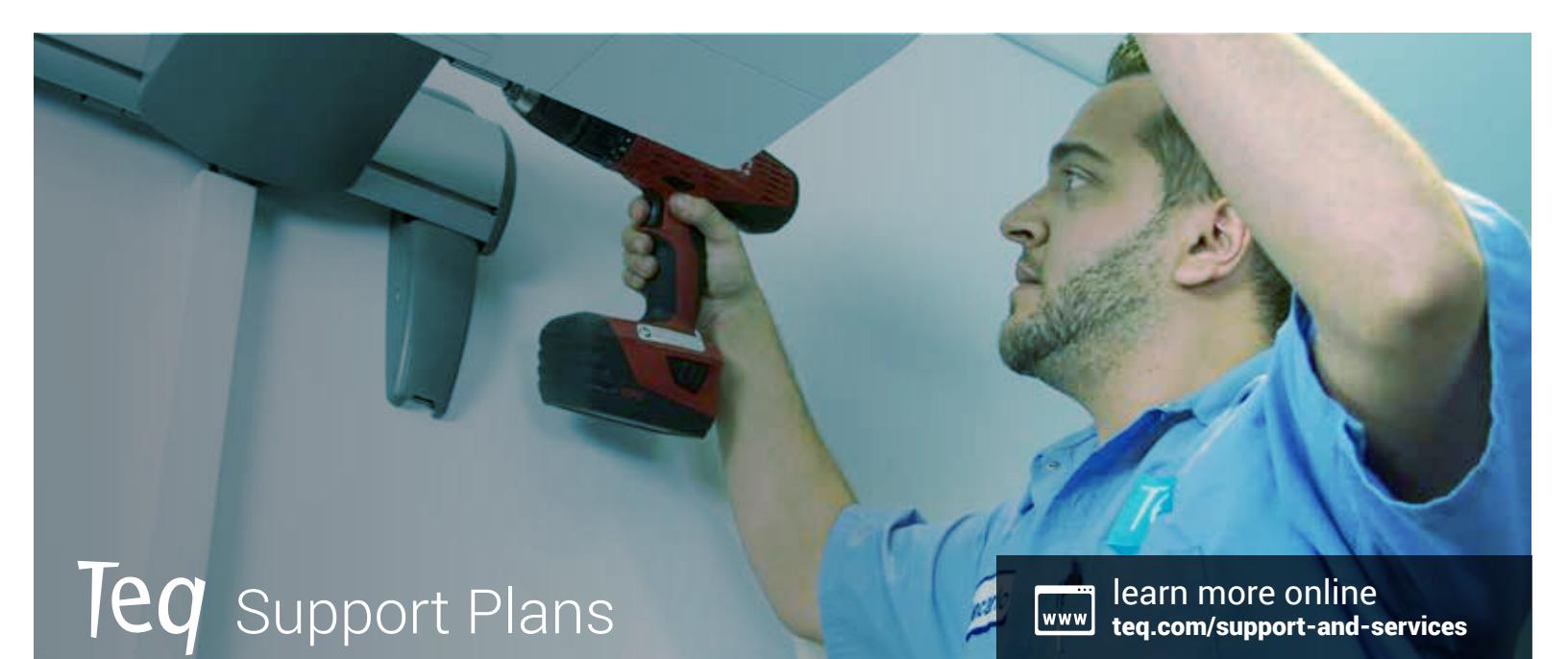
Add outlets and USB chargers to your desks or add mobile power towers to your classroom, providing convenient and easy access to students.



A close-up photograph of a man with dark hair and a beard, wearing a blue headset with a microphone. He is looking down and to his left with a focused expression. In the blurred background, a woman with short dark hair is visible, also wearing a headset. The lighting is soft, suggesting an indoor office or studio environment.

Teq Support Plans

Our exceptional support and service programs combine both **in-person and remote aid**. Our specialists can provide your teachers and school with the technology to drive student engagement.



Teq Support Plans



learn more online
teq.com/support-and-services

When the technology you use everyday goes down,
helping you becomes our **priority**.

Service Plans

Teq Support Service Plans provide consistent quality service and maintenance, to ensure your classroom technologies are always working at their highest level.



Reduce Turn Time

Designed to minimize instructional downtime, our premium and basic service plans reduce turn time from weeks to days.



Up to 22% savings

Great service doesn't mean it has to come at a great cost. Each plan is designed to ensure you receive the highest quality service for a fraction of the cost of purchasing individual hours.

Notes



Get started with your new classroom technology.

G Suite, Chromebooks, SMART Boards... no matter the tech, you can save class time, build confidence, and start using new products and software right away with complimentary access to hours of PD content, which may be used towards your state teaching license.*

Login in at:

<http://onlinepd.teq.com/gettingstarted>
to see the list of available PD courses.



ONLINE PROFESSIONAL
DEVELOPMENT



Visit www.teq.com/State-Approved
for a complete list of State Approved
Professional Development

Professional Development.

Access hundreds of state-approved professional development videos and our calendar of weekly live PD broadcasts. Teq Online PD contains hours of on-demand PD for Google, SMART, Microsoft, Apple, PBL, STEM, and more.

<http://onlinepd.teq.com>

Instructional Support.

Get instant instructional support via live video, email or text chat. Schedule a call with an instructional technology expert when it is convenient for you. nOw gives you instructional technology support right when you need it.

<http://nOw.teq.com>



*Teq is an approved New York State CTLE PD provider, and an approved PD provider for teacher certification requirements in Delaware, West Virginia, Nevada, Wyoming, Massachusetts and Montana. Teq certification courses are approved for teacher certification requirements in Nevada. Check with your district for more information on how Teq Online PD can be used for your teaching certification.



Since 1972, Teq has provided the education community with solutions to improve student learning and support sustainable growth.

Hire us for the school year, and we will work directly with you to develop a customized Professional Development Plan that will address your staff's training needs. Whether it be Mathematics today, Science tomorrow, and/or Health and Safety the next day, Teq is here to fulfill all of your professional development goals and expectations.

With a focus on the fusion of technology and learning, our goal is to empower educators, improve technology integration, and increase student achievement in your schools.

877.455.9369 | teq.com



7 Norden Lane
Huntington Station, NY 11746
877.455.9369 | teq.com

PRSR STD
US POST PAID
PERMIT # 14
HUNT STA NY