COLLABORATIVE LEARNING SPACES

TROXELL-CDI SOLUTIONS FOR COLLABORATIVE LEARNING SPACES AND STEM INTEGRATION
The Troxell-CDI team is here to help you prepare students for a technological future. We're passionate about helping to create sustainable and meaningful STEM and collaborative education environments that truly impact student learning.

In the same way that it takes a village to educate a child, it takes a village to deliver the right solution for you. That's why our team is the leading end-to-end technology solution provider. We have:

- Long standing relationships and large-scale purchasing power with leading technology manufacturers.
- We have Account Executives nationwide who bring a high-touch, consultative and unbiased approach to solving your challenges.
- A national network of experienced integrators and installers who provide project management services to oversee the execution of your new collaborative space.
- Professional development consultants who ensure that teachers have the confidence to put the technology to maximum use in the learning environment.

Our collective goal is to help create a student-centered, rigorous, and collaborative learning environment that helps students better connect with their peers and the content they learn.

WE’RE BESIDE YOU EVERY STEP OF THE WAY. LET’S GET STARTED.
OUR STEM AND COLLABORATIVE LEARNING SPECIALIST WILL:

1. Identify your vision and goals.

2. Create a custom plan that considers your current space, tools, budget, professional growth needs, and educational goals.

3. Identify standards based curriculum options that meet educational goals.

4. Build out scope and sequence of STEM learning for all students in any of the stations of STEM:
   - Mechanical Engineering
   - Robotics
   - Computer Sciences
   - 3D Design and Printing
   - Circuitry
   - Video Production and Broadcasting

5. Determine all elements needed to support student outcomes:
   - Furniture
   - AV Technology
   - Computers
   - Charging Solutions
   - Storage

6. Provide ongoing teacher support and training through our Professional Development team.
**FURNITURE & AV**

Today's collaborative learning spaces offer a safe and comfortable environment for meaningful student collaboration and learning. Configurable and modular furniture accommodate multi-use spaces, pedagogies, and group sizes.

Add audio-visual equipment—displays, projectors, mounts and stands, document cameras, connectivity, and charging solutions—to maximize collaboration and learning.

<table>
<thead>
<tr>
<th>MooreCo</th>
<th>CLASSROOM FURNITURE</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>1</strong></td>
<td>LOUNGE CURVED SOFT SEATING - 3000C - 4000C</td>
</tr>
<tr>
<td>- Coordinating pieces configure as circular, straight or serpentine arrangements.</td>
<td></td>
</tr>
<tr>
<td>- Top stitched sewing details in upholstery. Aluminum legs with graded fabric program, or COM by approval.</td>
<td></td>
</tr>
<tr>
<td>- Table versions available with optional integrated electrical USB and 110v outlets.</td>
<td></td>
</tr>
<tr>
<td>- Manufactured in the USA from commercial grade .75” plywood and hardwoods. Seat heights are 18.5” on all units. Connection Kit, and a Backpack Hanger</td>
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<table>
<thead>
<tr>
<th>MooreCo</th>
<th>CREATOR CONFIGURABLE TABLES</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>1</strong></td>
<td>AVAILABLE IN VARIOUS SIZES, SHAPES, AND COLORS</td>
</tr>
<tr>
<td>Creator Tables fit any classroom or study setting. With a complementary edge radius on each shape, you can create numerous group configurations.</td>
<td></td>
</tr>
<tr>
<td>- Tables provide flexibility and workspace comfort.</td>
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<tr>
<td>- Available in square, rectangle, triangle, trapezoid, chevron, and half-round shapes.</td>
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</tr>
<tr>
<td>- Choose from a variety of laminate colors and T-mold edge band options to match your table leg.</td>
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<tr>
<td>- Clamp Mount Outlet &amp; USB Charger provides instant desktop power and charging accessibility.</td>
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<thead>
<tr>
<th>MooreCo</th>
<th>HIERARCHY HEIGHT ADJUSTABLE GROW STOOL</th>
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</thead>
<tbody>
<tr>
<td><strong>1</strong></td>
<td>AVAILABLE IN VARIOUS COLORS</td>
</tr>
<tr>
<td>Adjustable and colorful stool will add fun and function to any environment.</td>
<td></td>
</tr>
<tr>
<td>- Stool adjusts from 18” to 23”</td>
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</tr>
<tr>
<td>- Choose from eight different Hierarchy colors</td>
<td></td>
</tr>
<tr>
<td>- Wobble action encourages micromovement to help bleed off excess energy</td>
<td></td>
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<tr>
<td>- Comfortable and ergonomic stool made with durable and lightweight plastic</td>
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<table>
<thead>
<tr>
<th>MooreCo</th>
<th>THE ED8</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>1</strong></td>
<td>ED8-36 OR ED8-34</td>
</tr>
<tr>
<td>We’re excited to announce a new member to the award winning Ed Table line, the Ed8. The Ed8 is a modified version of CEF’s original Ed Table which allows for two additional seats on the ends of the table.</td>
<td></td>
</tr>
<tr>
<td>- Seats 8 students!</td>
<td></td>
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<tr>
<td>- Magnetic Stool Mounts</td>
<td></td>
</tr>
<tr>
<td>- 12 Stool Colors and 5 Finishes</td>
<td></td>
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<tr>
<td>- Mobile-On Casters!</td>
<td></td>
</tr>
<tr>
<td>- 1.5” Maple Butcher Block Top with built in electrical</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MooreCo</th>
<th>IDEA ISLAND</th>
</tr>
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<tbody>
<tr>
<td><strong>1</strong></td>
<td>ID-34 &amp; ID-42</td>
</tr>
<tr>
<td>The IDEA Island by CEF has joined the family of the award winning Ed Table line. The marriage of industrial design with warm wood, strength, and innovation, immediately inspires when you step up to CEF’s IDEA Island.</td>
<td></td>
</tr>
<tr>
<td>- ADA Compliant</td>
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<tr>
<td>- Offered in two heights 34” &amp; 42”</td>
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<tr>
<td>- Optional Magnetic Mounted Stools in 12 colors!</td>
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<tr>
<td>- Solid Steel Frame with Cable Management</td>
<td></td>
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<tr>
<td>- 1.5” Maple Butcher Block Surface with Protective Coating</td>
<td></td>
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</tbody>
</table>
**CEF**

**QUAD POD**

ID-34 & ID-42

The Quad Pod table by CEF is a revolutionary concept in educational furniture design! This design layout allows you to customize your table according to the storage and functionality needs that you may have in a makerspace or classroom.

- 34” Height
- Customizable for Maker or Classrooms
- Small Compact Size of 48 x 48 x 34
- Comes on Casters
- Offered in 5 finishes!

**THE HATT-HEIGHT ADJUSTABLE TILT TABLE**

HATT

The all NEW “HATT”-Height Adjustable Tilt Table is a proprietary design by CEF and is a game changer in the classroom, boardroom, locker room, makerspace, office and more!

- Sit to Stand + Tilt
- Offered in Six Dry Erase Colors
- Available with Casters
- Height Range from 29” to 47”
- Great for the classroom, locker room and beyond!

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**MiEN**

**CLASSROOM FURNITURE**

1. **F2F AMOeba Table**
   - This curvy Amoeba table shape creates a fun environment which is ideal for inspiring creative thinking and collaboration among several students.
   - Available with casters for added flexibility
   - Fixed or adjustable height
   - Various sizes available
   - Great with any laminate
   - Ideal for individuals or large groups

2. **FFL 4 Leg Chair**
   - A traditional 4-leg base meets a sleek and modern new chair shell creating a new favorite for a contemporary yet classic option for many spaces.
   - Finger holes allow chair to be easily moved
   - Structurally reinforced curve to appropriately balance rigidity and flexibility
   - Front edge of seat gently curves downward to add comfort
   - Available in a variety of fun and engaging colors
   - Frames conveniently stack up to six high for easy storage

3. **Flex Steps**
   - This tiered design provides a variety of seating and lounging options. Combine several together or as desired and it is ideal for any age group.
   - Flexible grouping options
   - Easily disassemble to replace one single panel if needed
   - Pair with Flex Tiered Corner Units
   - Upholster with a variety of patterns or bright colors
   - Made in the USA

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**MiEN**

**CHAMELEON SQUARE**

This stool is just one of the 60 pieces from MiEN’s handcrafted Chameleon modular furniture collection.

- Optional integrated power outlet and USB ports
- Variety of finishes to coordinate with accompanying products
- Environmentally-friendly materials
- Use with any Chameleon configurations or any other MiEN products
- Made in the USA

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**MiEN**

**KIO BIN STORAGE CABINET**

The KIO Mobile Bin Storage Cabinet is versatile and perfect for spaces from classrooms to makerspaces.

- Durable construction
- Mobile with six casters
- Four Bin sizes available
- Colored or Clear Bins available

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**Luxor**

**STUDENT SIT/STAND DESK WITH CRANK HANDLE**

**STUDENT-C**

Height adjustable student standing desks empower students to become active learners. Available with a crank handle or pneumatic pedal. Shorter K-3 model also available.

- Height adjustable between 29” and 42”
- K-3 model adjusts between 26” and 31.8”
- Crank handle rests under desk or detaches for classroom management
- Desktop features pencil tray, water bottle holder, backpack hook
- Four casters, two with locking brake, provide classroom mobility

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**Luxor**

**48” HIGH-SPEED CRANK ADJUSTABLE STAND UP DESK**

**STANDCF48-BK/BO**

High speed crank adjustable standing desk with generous work surface easily fits dual monitors while the height adjustment range accommodates taller and shorter users.

- High-speed crank handle allows rapid adjustment from sitting to standing
- Spacious 48” x 28.5” desktop easily fits dual monitors
- Durable steel frame with black power coat painted finish
- Melamine top with black oak finish
- Includes choice of leveling glides and 3” casters

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Collaborative Learning Spaces • Furniture

Spectrum | FLEX ACTIVE FLIP TABLE
37319
This table is Flippn’ Awesome! With a simple pull, you can quickly and easily flip the table to a nesting position for easy storage.
- Simple, durable flip mechanism will stand the test of one step release.
- Compact nesting allows you to take advantage of storage space.
- Flip mechanism meets ANSI-BIFMA standards for safety.
- Did we mention Flippn’ Awesome?

Spectrum | TECH CENTER
TECH CENTER
Integrate and engage your space with the TechCenter from Spectrum. Your all-in-one teaching station.
- Supports up to two 70” displays.
- 12RU Rack Cube(s) for technology (optional).
- Manage and power devices.
- Dry erase board options with single display.
- Heavy-gauge steel frame and double bolt latch for security.

Belkin | STORE AND CHARGE GO WITH PORTABLE TRAYS
B2B140
Store and Charge Go is the ideal solution to store and charge ten devices safely and conveniently. Removable five-compartment trays add portability for easy transportation.
- Charges 10 devices simultaneously.
- 2 x 5 unit removable trays for portability.
- Compatible with multiple device types and brands.
- AC compatible.
- Includes surge protection.

Belkin | ROCKSTAR™ 10-PORT USB CHARGING STATION
B2B139
120-watt external power supply ensures that up to 2.4 Amps is delivered to each port. This provides optimal charging for each connected device for consistent charge time.
- 10 x 2.4A USB-A ports.
- 120W external power supply output.
- Intelligent charging delivers correct power to each device.
- Overcurrent protection.
- $5,000 Connected Equipment Warranty.

Luxor | 10 BAY CHARGING LOCKER FOR MOBILE DEVICES
LLTSW10-G
Luxor’s stackable 10-bay charging locker is designed to store and charge mobile electronic devices while keeping them secure.
- Designed to charge laptops, Chromebooks, tablets, and cell phones.
- AC power outlet and USB charging port in each bay.
- Digital key lock system with personal code set by user.
- Built-in LED indicators on each door show charging status.
- Full certification to the UL-60950-1 safety standard.

Luxor | 30 DEVICE CHARGING CART
LLTM30-B
Safely charge, store and transport up to 30 laptops and Chromebooks with this space-saving charging cart.
- All-steel construction and padded top surfaces.
- Rubber-coated dividers safeguard devices.
- Bottom storage shelf for storing addition IT items.
- Back door provides access to vertical 30-outlet UL-Listed power strip.
- Four 3” swivel casters, two with locking brakes.

Luxor | 12 DEVICE MOBILE CHARGING CART
LLTP12-B
Safely charge, store and transport up to 12 laptops and Chromebooks with this space-saving charging cart.
- All-steel construction and padded top surfaces.
- Rubber-coated dividers safeguard devices.
- Bottom storage shelf for storing addition IT items.
- Back door provides access to vertical 12-outlet UL-Listed power strip.
- Four 3” swivel casters, two with locking brakes.

Spectrum | DISCOVER CART
55104
Store and Charge up to 10 Lego WeDo kits and 10 Devices.
- Secure your investment with lockable storage.
- Easily holds 10 Lego WeDo or Education kits.
- Charge 10 tablets, laptops, or chromebooks.
- Completely mobile to take kits anywhere you need.
- Optional project trays to build your own kits.

Spectrum | PATHWAY CART
55105
Makerspace is proving to be the key to a successful career path. Get the best storage and charging for whatever STEM path you take!
- Store and charge your Spheros or other coding robots and devices.
- Interchangeable modules allow for expansion and new technology.
- Easily move robots from classroom to arena.
- Modules can stand alone for table top access.
- Secure your investment in robot education packs.
### Collaborative Learning Spaces • Charging Solutions

#### Spectrum

**Builder Cart**

- **Item:** 55106
- **Description:** Maker Your Space with this engaging, mobile, storage workstation, the Builder Cart.
  - Perfect for Legos, K’Nex, popsicle sticks, circuit kits, anything and everything
  - Store and engage virtually any makerspace manipulatives
  - House up to 6 interactive lesson plans
  - STEAM roll your projects anywhere you need them
  - Engage up to 4 students per station

**Cloud32 Chromebook Cart**

- **Item:** 55468
- **Description:** The Cloud32 can manage, charge and transport up to 32 of the largest Chromebooks.
  - Available with eLogix smart charging
  - Fits up to 14” Chromebooks, tablets, or laptops
  - Superior all-metal overhead cord management
  - Large removable QuickBrick trays for adapters allow wiring outside the cart
  - Designed and assembled in Chippewa Falls, Wisconsin

#### AVer

**AVERCHARGE X12**

- **Item:** CHRGEX012
- **Description:** Mount, stack, or store the X12 to safely charge up to 12 devices with a micro footprint.
  - Easy and accessible patented cable management
  - Small and compact design
  - Support up to 12 laptops, tablets, or Chromebooks
  - Customizable dividers to manage a mixed range of devices
  - 10-year mechanical and 5-year electrical warranty program

**AVERCHARGE C36i+**

- **Item:** CHRGCC361+
- **Description:** Quickly charge laptops, Chromebooks, or tablets with the C36i+ adaptive charging technology!
  - Advanced patented cable management
  - Smooth slide-out shelves
  - Customizable slot dividers
  - Adaptive intelligent charging
  - 10-year mechanical and 5-year electrical warranty program

#### Copernicus

**Tech Tub2® Modular Cart**

- **Item:** FTT724 and FTT732
- **Description:** The Modular Cart offers an affordable, flexible and mobile solution for charging and storing devices used in PreK-8 classrooms. Charge all 24 iPads®, Chromebooks™ or tablets with the included power timer that requires 1 outlet.
  - Sturdy cart with two handles for ease of mobility
  - Tubs break apart using clips, and can be locked together for added security
  - 3-point door lock with 2 keys
  - Cable management in each tub and on back of cart
  - 4” locking casters

**Tech Tub2® Trolley**

- **Item:** FTT706 and FTT2010
- **Description:** The Tech Tub2® Trolley has device storage, charging and mobility at its core. It’s designed to easily move 6 (FTT706) or 10 (FTT2010) iPads®, Chromebooks or tablets wherever learning takes place.
  - Adjustable handle
  - Ideal for transporting small quantities of devices
  - Durable 3” casters
  - Easy-access storage tray for power supplies and adjustable shelves with cable organizers
  - Internal 6 (FTT706) or 10 (FTT2010) outlet power strip

**Tech Tub2® Tubs**

- **Item:** FTT700 and FTT1100
- **Description:** Tech Tub2® offers an affordable, flexible and mobile solution for charging and storing devices. The Tubs hold either 6 (FTT700) or 10 (FTT1100) iPads®, Chromebooks™ or tablets.
  - Ergonomic handles and flip-up handle
  - Individual tubs can be locked together for added security
  - Easy-access storage tray for device adapters and power strip
  - Adjustable shelves with side cable organizers
  - Internal 6 (FTT700) or 10 (FTT1100) outlet power strip
COLLABORATIVE Learning Spaces • Charging Solutions

MooreCo | POWER TOWER
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27735
Provides convenient access to power in your classroom, library and office space.
- Includes eight AC outlets and eight USB outlets
- Locking casters
- Steel frame
- Cord winder and 13.5' power cable

MooreCo | RECHARGEABLE POWER TOWER
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27763
Cord-free rechargeable power tower to make your space truly flexible.
- Available in black, white or platinum
- Includes eight USB-A and four USB-C ports
- Battery charge indicator so you know when to charge
- Comes with one battery, but has space for three
- Additional batteries available to purchase

ELMO | HUDDLE SPACE HS-G1, HS-G2, AND HS-G3
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HS-G1: 2700, HS-G2: 2701, HS-G3: 2702, BATTERY PACK: 2703
A dynamic collaboration hub with video/audio recording capability. Perfect for 1:1 & BYOD classroom settings. Max. 8 users with any HDMI compatible device.
- Connects to any HDMI compatible device
- Switches seamlessly between devices being shared
- No software installation or network connection required
- Make portable with battery pack (optional)
- HDBaseT output (G3 only)

Frontrow | EZROOM
---
C502-BASED PACKAGES
A great-looking AV installation that’s more connected and more convenient. Built to order, this “everything-but-the-display” solution offers superior-quality voice amplification, AV control, and remote management.
- Installed, flush-mounted voice/media audio & video routing
- Sophisticated control & monitoring of AV devices
- Digital feedback suppression
- Voice command (extendable to displays and other devices)
- Ready for hands-free lesson capture, network connection, intercom, and more

Kramer | VIA CAMPUS
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80-80378090
VIA Campus offers advanced collaboration and engagement tools that enhance interactive learning. From any device, students and teachers can view the main display, edit documents together in real time, share any size file, turn the main display into a digital whiteboard, and more.
- Multi-Person Content Collaboration
- 1080p 60fps video Streaming Playback
- iOS, Android, Chromebook Mirroring
- Offer custom e-Polling to users and produce reports

Covid | KINECTIQ AIR
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MOT-SET
With the KinectIQ® wireless presentation system, users can easily share what’s on their laptop or mobile device onto the presentation display. No clutter, internet, software or apps required.
- Share audio/video to any display with near zero latency
- No clutter, No internet, software or apps required
- Plug in and Play. Anytime, Anywhere, Any device
- Transmit up to 100 ft and does not require line of sight communication
- Portable, lightweight and compact

BenQ | INSTASHOW™ PLUG AND PLAY ALL-HARDWARE WIRELESS PRESENTATIONS SOLUTION
---
FTT706 AND FTT2010
The Tech Tub2® Trolley has device storage, charging and mobility at its core. It’s designed to easily move 6 (FTT706) or 10 (FTT2010) iPads®, Chromebooks or tablets wherever learning takes place.
- Adjustable handle
- Ideal for transporting small quantities of devices
- Durable 3” casters
- Easy-access storage tray for power supplies and adjustable shelves with cable organizers
- Internal 6 (FTT706) or 10 (FTT2010) outlet power strip

Belkin | TABLET STAGE™
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B2B054
The Tablet Stage lets you use your tablet to deliver interactive presentations to your classroom. Adjustable tabs hold your tablet securely above the staging area.
- Adjustable platform turns your tablet into interactive presentation tool
- Capture images and live video using your tablet camera
- Can be paired with a projector, HDTV, or monitor
- Belkin Stage™ app provides advanced drawing and video options
- Case-compatible design works with 7- to 11-inch tablets

PRESENTATION
Airtame is a cross-platform, wireless screen sharing device for classrooms. Plug Airtame into any TV or projector, and share using the free Airtame computer application.

- Cross-platform wireless screen sharing for meeting rooms and classrooms
- Works with Windows, Mac, Chromebook, Linux & iOS and Android
- Supports WPA2 Enterprise & Ethernet connection
- Manageable in bulk via the Airtame Cloud
- Signage: When not streaming, show websites, slideshows, images & more

Crestron® Mercury is an all-in-one device that enables audio and video conferencing, BYOD multimedia presentations, and web-collaboration providing everything needed to guarantee a successful meeting.

- SIP and Bluetooth® Audio Conferencing
- Supports any video conferencing service, or natively run Skype for Business or Zoom Rooms
- Built-in wired and wireless presentation
- High-powered, full-range speaker and 360° quad microphone array
- Onscreen room availability and meeting details

The AirMedia® Presentation System 200 enables secure wired and wireless presentation in lounges, lobbies, and open spaces, and integrates with popular calendaring platforms.

- Ideal for organizations with a dispersed workforce, open floor plans, and reliance on mobile devices to present.
- Easy to deploy and manage, increases workflow, and facilitates collaboration by turning underutilized spaces into productive meeting spaces.
- Mounts invisibly behind a wall mount display and enables wired or wireless presentation with auto-switching.

Crestron® Mercury provides a seamless all-in-one solution for audio, video, and web conferencing. This device integrates with popular calendaring platforms, ensuring a smooth workflow for meetings, whether they are wired or wireless. It supports various devices including Windows, Mac, Chromebook, Linux & iOS, and Android, with options for WPA2 Enterprise & Ethernet connection.

AirMedia® Presentation System 200 is designed for organizations that need an all-in-one solution for secure wired and wireless presentation. It supports popular calendaring platforms, making it easy to deploy and manage in a variety of settings including meeting rooms and classrooms.

BoXLIGHT

PROCOLOR TABLE 490

490

Touch technology and cooperative learning are brought to life with the immersive experience of Boxlight’s 4K resolution touch table.

- Includes collaborative activities that can be customized.
- Up to 12 touch-points—great for fine motor skill development.
- Classroom-rugged with spill-resistant glass and touch technology that eliminates interference.
- Height adjustable to accommodate multiple chairs/students of various needs.
- Includes plug-in i5 Windows PC with Wi-Fi.

Boxlight® MIMIOFRAME TOUCH BOARD KIT

MIMIOFRAME-82W

Turn your whiteboard into a touch board in under 15 minutes using your classroom projector and computer.

- Engage multiple users in collaborative lessons with 10 single-touch points.
- Installs directly onto your dry erase board using industrial-strength tape.
- Includes the dynamic MimoStudio™ software and the MimoMobile™ collaboration app.
- Lightweight kit offers easy installation with 75% less shipping costs.
Collaborative Learning Spaces • Interactive Large Format Displays

**Sharp**

**AQUOS BOARD® PN-C SERIES**
PN-C805B, PN-C705B, PN-C605B
Engage and inspire everyone in the room by providing the ideal focal point for meetings, presentations or lessons with these interactive displays.
- Touchscreen feels and appears impressively natural to users and viewers.
- Multi-touch sensitivity allows up to four people to write freely onscreen at the same time.
- Handy front access buttons enable quick operation of common functions.
- Full HD (1920 x 1080 pixel) resolution.

**BenQ**

**BENQ 2019 RP SERIES 20 POINTS TOUCH 4K DISPLAY**
RP6541K, RP7041K, RP7501K, RP8601K
BenQ 20 points touch 4K display with front facing sound bar. It’s CO2 indicator and TUV certified germ free coating help keep students safe.
- EZWrite annotation tool with intelligent handwriting recognition and recording function
- Account management system for personalized file management
- Wireless mirroring from mobile devices
- Brush mode detects various strokes e.g. a watercolor brush
- Front-facing sound bar and external microphone compatibility for more impactful presentations

**BenQ**

**BENQ RM SERIES 20 POINTS TOUCH 4K DISPLAY**
RM5501K, RM6501K, RM7501K, RM8601K
BenQ 20 points touch 4K display with front facing sound bar. It’s TUV certified low blue-light and flicker free screen help keep students safe.
- EZWrite annotation tool with intelligent handwriting recognition
- Dual pens for simultaneous collaboration with two different colors
- Brush mode detects various strokes e.g. a watercolor brush
- Wireless mirroring from mobile devices
- Front-facing sound bar and external microphone compatibility for more impactful presentations

**Large Format Displays**

**VIEWSONIC**

CDE7500

**LG**

75UU340C

**SONY**

FWD-75Z9F

**NEC**

C861Q

**SHARP**

PN-LE701

**BalanceBox**

**BALANCEBOX® 400 HEIGHT ADJUSTABLE WALL MOUNT**
#480A13 FOR 50.7-94.7 LBS, #480A12 FOR 90.4-152 LBS, #480A14 FOR 145.5-209 LBS
The BalanceBox® 400 is the perfect solution to move your touch screen up and down with just a light touch of your fingertip. Requires BalanceBox® 400 Flatscreen/VESA interface #4B1A70.
- Height adjustable mount for interactive flat panels up to 209 lbs, 86”; 15.75” vertical travel
- Manually operated; no electric connection needed
- Unique worldwide patented spring tension technology system
- 3 year warranty
- UL recognized & CE (UL-EN-ISO 60950)

**BalanceBox**

**BALANCEBOX® 400 MOBILE STAND**
4B1A47002
Mobile stand with lockable laptop tray/box. Requires BalanceBox® 400 mount and BalanceBox® 400 Flatscreen/VESA Interface 4B1A70.
- Mobile stand for interactive flat panels up to 209 lbs, 86”
- 4 heavy duty casters: 100mm/ 4” nylon wheels, non-marking PU, 2 w/brake
- Installation time less than 20 minutes
- 3 year warranty
- UL recognized & CE (UL-EN-ISO 60950)

**Clear Touch**

**ADJUSTABLE WALL MOUNT**
CTI-MOUNT-ADJW
- Supports 55”-86” Clear Touch Interactive Panels
- Electrical powered stand makes adjustments simple
- Has a quiet electrical motor
- 28” height adjustment
- Optional shelf available

**Clear Touch**

**ADJUSTABLE MOBILE STAND**
CTI-STAND-ADJM
Supports 55”-86” Clear Touch Interactive Panels.
- Electrical powered stand makes adjustments simple
- Has a quiet electrical motor
- Tapered base provides greater accessibility for all users
- Fully adjustable height
- Optional shelf available

**Clear Touch**

**CONVERTIBLE MOBILE STAND**
CTI-STAND-CONM-V2
Supports 55”-75” Clear Touch Interactive panels.
- Electrical powered stand makes adjustments simple
- Has a quiet electrical motor
- Tapered base provides greater accessibility for all users
- Fully adjustable height & tilt
- Optional shelf available
### STEM/MAKERSPACE TECHNOLOGIES

STEM and Makerspaces promote important problem-solving and critical thinking skills. Through project-based learning students acquire the skills to manage success and failure, exercise their confidence, and expose themselves to new opportunities available to them via new digital frontiers.

Enable student innovation and learning with basic to state-of-the-art STEM and makerspace environments. These highly collaborative spaces should spark creativity and offer hands-on experiences using a variety of materials, tools, and resources.

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**Chief**

**OVER-WHITEBOARD INTERACTIVE DISPLAY MOUNT**

- Easily install interactive flat panels over pre-existing chalkboards or whiteboards without causing damage
- Rugged design for a stable interactive experience across the display's touch surface
- Integrated macro- and micro-height adjustment and lateral shift for perfect positioning
- Heavy-duty weight capacity of 310 lbs (140.6 kg)
- Mounts to concrete block, brick or wood substrates

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**e-Box**

**MOTORIZED HEIGHT ADJUSTABLE MOBILE STAND**

- The e-Box® motorized mobile stand features the fastest & safest technology on the AV market today. The double column motorized design provides the best stability and the innovative anti-collision feature protects against accidental pinching.
  - Motorized mobile stand for interactive flat panels up to 254 lbs, 86”; 26” vertical travel
  - Fastest motor in the market: panel travels at 1.5” (38 mm) per second
  - Top box for cable management, installation of mini pc, storage of laptop, etc.

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**MooreCo**

**ITEACH HEIGHT ADJUSTABLE FLAT PANEL WALL MOUNT**

- Capture your audience's attention with the versatile height adjustable flat panel wall mount.
  - 18” of electric height adjustment
  - Will support 800x600 VESA mounts and up to 250 lbs
  - Platinum powder-coat finish
  - Manageable in bulk via the Airtame Cloud
  - Also available on a mobile cart

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**Peerless-AV**

**SMARTMOUNT® UNIVERSAL TILT WALL MOUNT**

- The ST650’s adjustable viewing feature provides 15° of forward tilt and 5° backward tilt, creating the most optimal viewing angle.
  - Universal mount fits displays with mounting patterns up to 742 x 405mm (29.21" W x 15.95" H)
  - Easy-Grip™ ratcheting handle locks tilt angle into place
  - Included IncreLok™ feature offers fixed tilt lock in 5° increments when used
  - Up to 0.25” of vertical adjustment on each bracket for post-installation leveling and height adjustment fine-tuning

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**ClassVR**

**CLASSVR KIT - 8 VIRTUAL REALITY HEADSETS & RUGGED CHARGING CASE**

- Introducing ClassVR, a groundbreaking technology designed to help raise engagement & increase knowledge retention for students of all ages.
  - Standalone Headsets
  - Curriculum Aligned Content
  - Secure Storage & Charging
  - Central Headset Management
  - Installation & Training

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**Lenovo**

**MIRAGE SOLO STAND ALONE VR HEADSET**

- The world’s first standalone Daydream VR Headset. Experience immersive virtual reality without a separate PC or smartphone.
  - Includes all elements to set up a complete VR classroom
  - State of the art hardware ensures longevity and optimal performance
  - Includes exclusive content like The Wild Immersion and Google Expeditions
  - VR180 Camera accessory integrates seamlessly to allow teachers and students to create their own amazing VR content
Robo R2 high-performance smart 3D printer with Wi-Fi lets you tackle large-scale projects and make whatever you can imagine right from your mobile devices.

- 8" x 8" x 10" Build Platform
- 5" Full Color Touch Screen
- Heated Removable Build Platform
- Print 3D+ Open Source Materials
- On board slicing - Google Chromebook and Microsoft Windows 10s devices compatible

Robo 3D

ROBO R2

A1-0009-000

Robo E3 3D Printer Bundle

The Robo E3 new generation smart 3D printer with Wi-Fi is built for classrooms by providing safe, smart and easy-to-use features.

- Extended 2 year warranty
- MyStemKits Starter Plan (print up to 20 kits)
- Online Training is only 2 hours
- Extra Parts Pack - includes 1 flex bed, 2 build sheets, and 1 nozzle
COLLABORATIVE Learning Spaces • STEM/STEAM & Makerspace

HamiltonBuhl | MAESTRO

MST18
- Easy to assemble
- High-end components
- Lesson plans
- Suitable for ages 5+
- 1 Power Block Module

- 1 Touch Block Module
- 1 Music Block Module
- 1 Amplifier Block Module
- 1 Speaker (3W) & Housing
- 1 Power Cable (9V Battery Included)
- 5 Alligator Clip Cables
- 1 Screw Kit
- 1 Instruction Manual
- 1 year warranty

HamiltonBuhl | 3D MAGIC PEN

MPEN
- Easy grip design
- Self-feeding motor to advance filament
- Adjustable feed speed
- Ceramic nozzle for safe use
- Electric Parameter: DC5V 2A 10W
- Nozzle Diameter: 0.6mm
- Three color filaments included
- Filament types: ABS or PLA
- Filament Diameter: 1.75mm
- OLED screen for optimal temperature

STEM Fuse | STEM:IT SERIES

STEM:IT SERIES
The STEM IT Series curriculum integrates STEM into core subjects using project based, engaging and easy to use lessons.

- K-5 Elementary
- 32 Makerspace Projects
- 28 Coding Projects
- 44 3D Print Projects
- 10 Robotics Lessons

- 6-8 Middle School
- 26 Makerspace Projects
- 26 Career Explorations
- 26 3D Print Projects

- 9-12 High School (Perfect for CTE!)
- 20 Makerspace Projects
- 20 Career Explorations
- 20 3D Print Projects

Wonder Workshop | CUE STEAM PACK

S-QUP4-11
Inspire your students by bridging coding and robotics with the power of visual expression. Designed for grades 6-8.

STEAM pack includes:
- 6 Cue robots
- 6 marker harnesses
- 5 dry erase markers (red, blue, green, orange, purple, black)
- 3 whiteboard mats
- 6 sets of project cards

Wonder Workshop | WONDER PACK IN EDUCATION

1WB0401D
Everything that teachers need to try out Dash & Dot in their classroom!

- 1 Dash, 1 Dot, 1 Launcher, 1 Xylophone, 1 Building Brick Connector Set (4 connectors per set)
- 1 Accessory Pack: bunny ears, tow hook, bulldozer bar
- 1 Spiral-bound Curriculum Guide
- 1 Challenge Card Box Set
- 1 One-year Code to Learn Lesson Library subscription

HP | SPROUT PRO

1MU73UA
Sprout Pro by HP empowers you to manipulate the physical and digital worlds in innovative ways.

- Built with a PC, projector, hi-res cameras, Touch Mat and 2D and 3D capture capabilities for an unbelievable experience
- Highly visual and hands-on experiences are made possible with dual multi-touch displays
- Quickly capture objects in 2D and 3D using the unique WorkTools software
- Leverage the pressure-sensitive active pen to edit content in real-time and empower creativity

pi-top | PI-TOPO LAPTOP W/RASPBERRY PI

PI-TOPO (3)
pi-top is an award winning ecosystem designed to make experimenting, coding and building electronics simple, affordable and fun.

- Slide-out keyboard reveals a workspace to build your creations, using pi-top accessories
- 8 hour battery life; 14" HD LCD screen; 8GB micro SD memory card with software installed
- pi-top Polaris operating system, Google suite, Scratch and Python coding software included
- Inventor's Kit with instructions for 20+ projects
- Ideal for learning STEAM concepts, including coding, engineering, design
### Modular Robotics

**CUBELETS CREATIVE CONSTRUCTORS PACK** (CB-KT-EDUC-1)

The Creative Constructors Pack facilitates easy adoption and high-ceiling academic activities with enough Cubelets to support 4 groups.
- Bluetooth® connectivity allows for endless design capabilities, easy software updates and remote control functionality
- Kit features 56 Cubelets robot blocks (6 battery, 4 passive, 4 inverse, 4 blocker, 2 threshold, 6 distance, 4 brightness, 2 knob, 10 drive, 4 flashlights, 2 bar graph, 4 Bluetooth); 6 brick adapters; 6 USB charging cables and a 6-port USB charger
- Includes access to over 40 hours of free standards-aligned lesson plans
- 1-year warranty

### SAM Labs

**SAM'S STEAM KIT** (5060458300287)

Bring a world of coding and creating to the classroom. Featuring wireless Bluetooth blocks, a tailored education app designed by teachers, for teachers and curriculum-aligned lesson plans, SAM Labs STEAM kits inspire students to learn and code brilliant creations in a matter of minutes.
- 17 wireless SAM blocks with additional accessories, 40+ SAM software blocks,
- SAM Space app tailored for educators
- Curriculum-aligned STEAM projects on data capture, programming logic & much more
- Easy integration with LEGO®
- Hands-on educator support

### littleBits

**CODE KIT** (680-0010)

Teach coding principles as students build games & program them in the LittleBits Code Kit app. Great for grades 3-8.
- Resources, tutorials & simple instructions mean no experience is necessary.
- 10 lessons & 100+ activities make it easy to fold into any learning space.
- Teaching coding through game design makes it something students WANT to do.
- Unique code based on Google’s Blockly makes programming intuitive.
- Engage students in problem solving, creative thinking, and collaboration.

### Boxlight

**LABDISC PORTABLE STEM LAB** (LD12-GS)

With STEM science lab, take the science classroom anywhere. Labdisc helps students connect and engage with science from wherever they are.
- Science parameter: General Science.
- Next generation wireless technology
- Autonomic for indoor and outdoor science
- Interactive multi-disciplinary experiment books for K-12

### OWI

**SMARTCORE 6** (OWI-41802)

SmartCore 6 builds 3 land vehicles (Tank,Gyrobot,Trike) and 3 sky vehicles (Turboprop,Drone,Hovercraft). Pair any of the models with OWI SmartCore and they transform into r/c vehicles.
- Builds six individual model vehicles
- USB charger included
- Remote Control requires 2x AAA Batteries (not included)
- 46 snap-together parts

### Sphero

**SPRK+** (K001ROW)

SPRK+ is far more than just a robot. Powered by the Sphero Edu app, you can easily learn programming, complete hands-on activities, and share your creations with the community.
- Allow you to collaborate with other users around the globe
- Equipped with Bluetooth SMART
- Strong scratch-resistant UV coating
- Includes inductive charging base with USB charging cable, maze tape, 360 degree protractor & sticker sheet

### Ozobot

**EVO CLASSROOM KIT (18 PACK)** (05181002)

Bring your STEM and STEAM lessons to life with 18 Evo robots, tons of educator tools, and two ways to code.
- Comes with 18 Evos, 12 sets of color code markers, 18 DIY skins, lessons, and more
- Color Coding – students draw color sequences to code Evo
- Ozoblockly Programming – scalable drag-and-drop coding for grades 4+
- Lesson Library - access 100+ Ozobot lessons
- STEM+ - increases retention in art, history, theater and more subjects beyond STEM
Sony

**KOOV EDUCATOR KIT**

EKV-250B

KOOV is the all-in-one coding, robotics, and design educational solution with everything needed to start building robots and make them move with code.

- Build using colorful KOOV blocks while developing spatial awareness skills.
- Add sensors, motors, LEDs, and more for an almost limitless robotic combinations.
- Make robots come alive with drag and drop Scratch based coding using the KOOV App1.
- 50+ hour educational course focusing on coding, robotics, engineering, and design.
- 43 pre-designed, pre-coded ‘Robot Recipes’ designed in Tokyo by some of Sony’s best designers.

BirdBrain Technologies

**FINCH ROBOT**

FINKIT

Designed at Carnegie Mellon University, the Finch is a robot that inspires and delights students learning computer science by providing them a tangible representation of their code.

- Bring hands-on learning into your classroom with physical computing
- Designed to allow students to write richly interactive programs
- Young students build measurement skills & older students expand their abilities to create algorithms
- Responds to light, temperature, and obstacles, among many other capabilities

BirdBrain Technologies

**HUMMINGBIRD BIT CLASSROOM BUNDLE**

Introducing the next generation of the Hummingbird Robotics Kit! The Hummingbird Bit provides new features for your robot creations at a lower cost.

- Available in 3 sizes: small (8-12 students), medium (16-24 students), and large (24-36 students)
- Create interdisciplinary projects in any content area
- Research on any topic, in any subject, can lead to exciting robotics design challenges
- A great way to introduce kids to robotics and engineering with construction materials that they are already familiar with

Padcaster

**STUDIO**

PCSTUDIO-11, PCSTUDIO-105, PCSTUDIO-97

Transform your iPad into a video production studio. Includes the Padcaster Case, Teleprompter, Green Screen, two Lenses, three Microphones, Tripod, Dolly Wheels, Sunshade and Backpack.

- All-in-one video production studio for the iPad
- Includes portable green screen and stand
- Professional audio capture with three microphones
- Free teleprompter app and Bluetooth remote
- Fits into the included backpack

Makeblock

**AIRBLOCK**

99808

Targets users age 8+, Airblock is a modular 2-in-1 drone and hovercraft. With 6 independent propeller modules, Airblock can fly in the air, or run on land or water. After building, users can control the drone via the Makeblock app and also code the virtual buttons with block-based programming.

- Modular and transformable
- Easy magnetic assembly
- Control and program in one app, easy to control and Program
- Can be paired with a remote control

Makeblock

**MBOT-S**

P1010045

Targets users age 8+, MBot-S is an entry-level educational robot kit. After easy assembling, users can control the robot or play games via mobile apps, or write code with software mBlock 5.

- One LED matrix is added to the original MBot as another visual output channel to show words or shapes
- Increase the fun of learning to code and keep students engaged compared to pure software-based coding
- Simple enough to build for kids 8 years old and above and to follow the tutorials in the app to learn coding
- Additional add-on packs extend the excitement of learning with MBot-S

Makeblock

**CODEY ROCKY ROBOT**

P1030024

Codey Rocky is a Powerful, cute-looking robot with variety of built-in programmable components, which Students can learn block-based programming to text-based (Python) programming with software mBlock 5.

- Over 10 built-in programmable modules enable limitless creation
- Easy to learn from block-based programming to Python programming
- Support AI and IOT
- Compatible with Makeblock Neuron and LEGO
- A host of coding examples are available to spark new ideas

(→) Soundtrap

**SOUNDTRAP EDU**

Soundtrap EDU is an online tool that enables teachers to follow the latest curriculums through music, podcasts, language, literacy training and other sound recordings.

- Creative environment in which students can collaborate and develop their own creative and communication skills
- Easy to use for both teachers and students of all levels
- Comes with an extensive collection of PRO quality loops, effects and software instruments
- Designed to work on virtually any device - both mobile and desktop
- Makes classrooms digital through its integration with multiple LMS’s like Google Classroom, Canvas, Schoology and Music First