

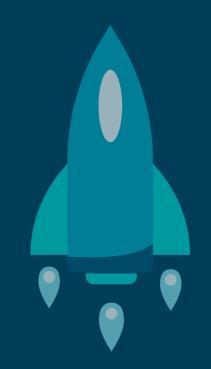




**SCIENCE** 











#### STEAM Product Resource Guide | Spring 2024









#### **MATHEMATICS**





# TABLE OF CONTENTS

# WHAT ISSTEAM LEARNING?

STEAM learning is an educational framework that aims to spark an interest and a lifelong love of the arts and sciences specifically focusing on hands-on study in the fields of Science, Technology, Engineering, the Arts and Math. Teaching these relevant, in-demand skills prepares students to become innovators in an ever-evolving world.

STEAM also empowers teachers to employ project-based learning that addresses each of the five disciplines and fosters an inclusive learning environment in which all students are able to engage and contribute.

The STEAM framework teaches students how to think critically, problem solve and use creativity. It develops confidence and improves students' communication skills. STEAM learning prepares students to work in fields that are poised for growth and the skills students gain from a STEAM education can be translated into almost any career.

Source: University of San Diego

# STEAM STEAM STARGETS

#### INFLUENCERS

Department of STEAM Coordinators

**Department of STEAM Specialists** 

**Educators** 

#### DECISION MAKERS

Superintendents

**Principals** 

**School Boards** 

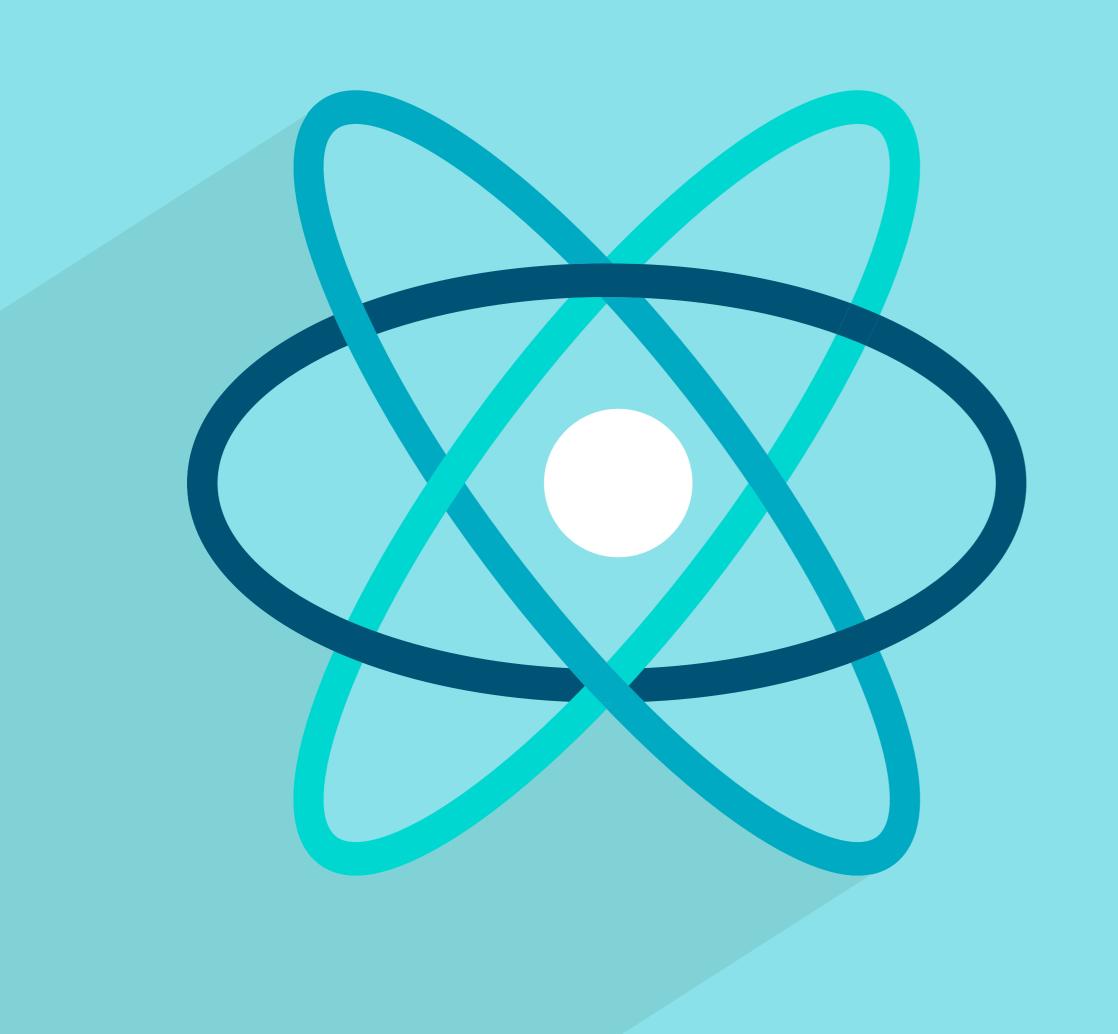
Curriculum & Instruction Directors / Academic Officers

Technology Officers & Directors / CTOs / CIOs

- **01** Critical Thinking
- **02** Cognitive Thinking
- **03** Communication Skills
- **04 Problem Solving Skills**
- **05 Student Engagement**
- **06 Student Collaboration**

# 





#### **3D PRINTING + FABRICATION**

A revolutionary technology that can be used to create physical objects from digital designs, allowing students to explore their creativity and produce tangible results. This technology offers unique advantages for teachers, such as increased engagement in the classroom and improved student learning outcomes.



3Doodler is the world's first 3D printing pen. It is an early introduction to 3D printing, with simple and uncomplicated technology and lesson plan breakdowns to cultivate engineering and creativity.

STEWARTco STEAM Sales Guide 👾 3D Printing + Fabrication

#### **AGES: 6+**

**3Doodler Start+** Elementary & Middle**3Doodler Create+** High School

#### **STEAM BENEFITS:**

- Establishes a foundation between imagination and engineering.
- Helps students discover their own ability to make things.
- Free lesson plans covering a variety of STEAM topics.

#### **PRICE (ESRP):**

**3Doodler Start+** \$49.99-\$59.99 **3Doodler FLOW Essentials Pen Set** \$79.99

#### **AGES: 14+**

**High School** 

#### **STEAM BENEFITS:**

- Fosters Science, Technology, Engineering, Art, and Math multidisciplinary thinking.
- Exercise design fundamentals with 3D objects.
- Lesson plan designs for multiple ages by educators.

#### **PRICE (ESRP):**

**Glowforge Plus Glowforge Pro** \$4,995.00 \$6,995.00

STEAM Sales Guide 👾 3D Printing + Fabrication

Glowforge 3D laser printers and engravers are an eco-friendly STEAM solution that brings computer-aided creativity to students. Perfect for bringing to life anything students can imagine with a wide variety of materials for their creations.

# glowforge®

#### FLASHFORGEUSA

Flashforge printer provide excellent reliability and quality for beginners to experienced makers. The easy-to-use interface and Fused Filament Fabrication system allow students to work with a wide range of materials.

STEWARTco STEAM Sales Guide 👾 3D Printing + Fabrication



**High School** 

#### **STEAM BENEFITS:**

- Promotes student engagement with interactive learning.
- Improves logical thinking, creativity, problem-solving, and much more.
- Stimulates the creative process and fosters critical thinking.

#### **PRICE (ESRP):**

**Artemis 3D Printer** 

\$499.00

#### **Guider 2S V2 3D Printer**

\$1,249.00

#### **Creator 3 Pro** \$1,999.00

#### AGES: 12+

Middle & High School

#### **STEAM BENEFITS:**

- Create designs from scratch or pick from thousands of predesigns with no design experience required.
- Free, easy-to-learn Design Space app to discover endless possibilities.
- Works with 50+ materials, including popular materials like vinyl, iron-on & cardstock.

#### **PRICE (ESRP):**

**Cricut Joy Xtra Smart Cutting Machine** \$199.00

**Cricut Maker 3** \$429.00

> Cricut is where creativity comes to life. Explore a range of smart cutting machines, and accessories designed for home crafters. Work with an easy-to-use app to help you design and personalize almost anything — custom cards, unique apparel, everyday items, and so much more.

# cricut

# 

The FormBox, a 3D forming machine from Mayku, turns classrooms into a creative powerhouse, giving students a hands-on STEAM learning experience.

#### **AGES: 8+**

Middle & High School

#### **STEAM BENEFITS:**

- Mayku Teach teaching resources for grade school.
- Helps students explore basic design and manufacturing principles.
- Encourages student collaboration.

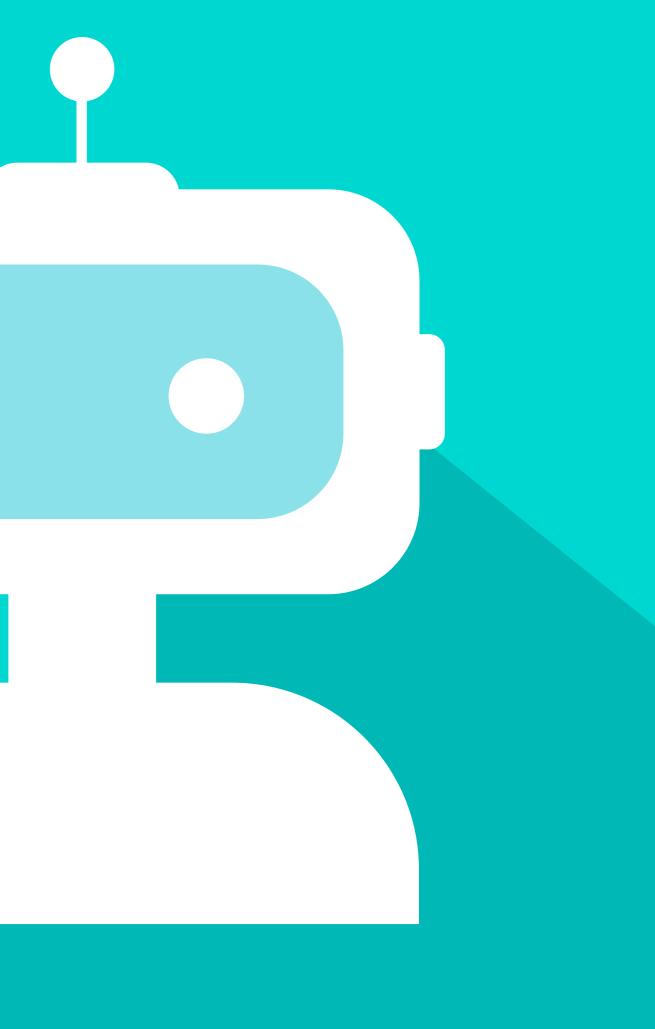
#### **PRICE (ESRP):**

Mayku FormBox Vacuum Former \$699.00

#### **ROBOTICS + AI**

(artificial intelligence)

Provides a multi-sensory and experiential learning experience, that can also help students understand how technology can be used to solve real-world problems.



## kais education

Kai's Education designs educational coding robots, creating a rich and engaging way to teach and learn coding from an early age. Kai offers a hybrid learning environment with screen free coding, virtual, or both for interactive play.

#### AGES: K-5+

KaiBot Hybrid Robot Pre-school Kai's Clan Start Pack Elementary School

#### **STEAM BENEFITS:**

- Lesson plans structured around real-world problem-solving on different physical and AR/ VR mats.
- Collaborative coding where students work together and engage.
- Effective learning for the classroom, online, or homeschooling environments.

#### **PRICE (ESRP):**

Kai's Intro Pack \$155.50

#### **AGES: 14+**

Middle & High School

#### **STEAM BENEFITS:**

- Uses building and playing to learn how AI and robots work, introducing students to how robotics can be.
- Increases student involvement with graphical programming that allows block programming to easily enable AI functionalities.
- Includes experiment manuals with robotic curriculum that supports project-based learning.

#### **PRICE (ESRP):**

#### **DOBOT Magician Lite**

\$990.00

Dobot is the leading manufacturer of collaborative robots that are user friendly with great preformance. Students can interact with the Magician Lite using software, hardware, and expansion interfaces to maximize their creative freedom.

0

## DOBOT

### Robot Education

Educational robots, resources, and programming to provide educators and students support for STEAM learning. iRobot promotes developmentally-appropriate growth by using music, colors, art and kinesthic learning.

#### **AGES: 6+**

**Root Robot** Elementary & Middle, 6+ **Create 3** High School, 16+

#### **STEAM BENEFITS:**

- Free iRobot Coding platform with
   3 easy learning levels for all skill levels.
- Promotes creativity, problem-solving, persistence, and teamwork.
- Develops directional awareness, pattern recognition, sequencing, and algorithmic thinking.

#### **PRICE (ESRP):**

Root Robot	Create 3
\$249.99	\$449.99

#### **AGES: K-14+**

**Elementary School & Above** 

#### **STEAM BENEFITS:**

- DIY robotic kits for education, robot competitions, and entertainment.
- Inspires creative minds to build new figures and designs that move.
- Offers bundle packages to fit all levels of students' classroom environments.

#### **PRICE (ESRP):**

**Robotics Kits** \$48.90-\$2,399.90

> A global robot solutions provider, ROBOTIS specializes in the manufacture of robotic hardware and full robot platforms in all fields of study and industry, as well as educational robotics kits for all ages and skill levels.

# ROEOIS

#### SoftBank Robotics

SoftBank Robotics are the leading robot integrators creating value in robotics globally and robotic solutions. Nao is an autonomous, programmable humanoid robot for all ages.

#### AGES: K-14+

Elementary School & Above

#### **STEAM BENEFITS:**

- A programmable, personal teaching assistant helps teachers bring lessons to life, offer extra support, and keep students engaged.
- Conduct interactive experiments, collect data, and help researchers test new theories and find new answers.
- Hands-on projects that encourage participation, collaboration, and creative problem-solving.

#### **PRICE (ESRP):**

**NAO** \$12,990.00

#### **AGES: 9+**

Middle & High School

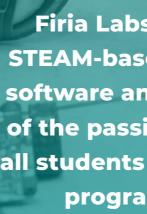
#### **STEAM BENEFITS:**

- Complete computer science CS curriculum to teach real-world Python coding skills.
- Step-by-step guided lessons in CodeSpace to learn the fundamentals of coding.
- Perfect introduction to Python, starting with basic concepts such as sensors, displays, LEDs, and more.

#### **PRICE (ESRP):**

Firia Labs	Firia Labs	F
CodeX with	CodeBot with	N
Python Kit	Python Kit	L
\$199.00-	\$199.00-	F
\$1,490.00	\$1,490.00	\$

Firia Labs **Mission Pack:** Lift-Off! Peripherals Kit \$199.00-\$1,490.00



## FRALABS

**Firia Labs creates innovative Robotics and** STEAM-based kits integrated with educational software and curricula. Firia Labs was born out of the passion and commitment to ensure that all students have access to real world computer programming learning opportunities.

#### **AGES: 5+**

**Elementary School** 

#### **STEAM BENEFITS:**

- Interactive learning targeting engineering, math, programming, and general science concepts and skills.
- Software applications to make programming fun and easy to learn.
- Cultivates imagination and innovativeness without expensive tools and excessive investment.

#### **PRICE (ESRP):**

Edison Robot	<b>Edison Educational</b>
<b>Expansion Construction</b>	Robot Kit
Kit	\$76.91
\$41.01	



# CH3 Hamilton Buhl®

HamiltonBuhl Edison strives to make electronics, engineering, robotics, and programming accessible to as many people as possible. The Edison Robot also has Lego compatibly.



#### CODING + COMPUTER SCIENCE

This area of study teaches students the process of writing out steps for a computer to follow to achieve a goal or perform a task. Coding makes it possible to create computer software, games, apps and websites while teaching digital literacy, problem solving, and computational thinking.

## Robot Education

Increase student engagement and relate coding to the real world with iRobot. iRobot helps promote developmental growth and coding by using music, colors, art, and kinetic learning.

#### **AGES: 6+**

**Root Robots** Elementary & Middle, 6+ **Create 3** High School, 14+

#### **STEAM BENEFITS:**

- Help establish cross-curricular connections across subjects by promoting the use of visual, auditory, and kinesthetic learning.
- Free app including guided tutorials, ready-to-go coding projects, seasonal activities and more.
- 3 learning levels for any skill level—graphical coding, hybrid coding, and full-text coding.

#### **PRICE (ESRP):**

iRobot Root rt0 Coding Robot \$129.99

iRobot Root rt1 Coding Robot \$249.99 iRobot Create 3 Educational Robot

\$449.99

iRobot Root rt1 Coding Robot Classroom Pack

\$1,499.00

## RobotLAB

RobotLAB is leading the Educational Robotics market with an innovative approach that makes Robotics and VR truly useful in the hands of educators. RobotLAB Coding Lab is an all-in-one classroom solution to combine STEAM into an integrated learning approach.



#### **AGES: 5+**

**Elementary School & Above** 

#### **STEAM BENEFITS:**

- +150 lesson plans covering: Coding, Science, Math, ELA, Social Studies and Arts.
- Designed to turn generic STEAM concepts into real-life learning experiences with hands-on activities.
- Promotes collaboration and exploratory learning.

#### **PRICE (ESRP):**

RobotLAB K - 5 Coding Lab \$17,290.00

**RobotLAB 9 - 12 Coding Lab** \$17,290.00

RobotLAB 6 - 8 Coding Lab \$17,290.00

#### **AGES: 3+**

Pre-K

#### **STEAM BENEFITS:**

- Designed to help children play collaboratively, irrespective of reading ability or language.
- 2 years of cross-curricular lessons plans available designed to align with standards.
- Let's you teach coding without screens, increasing engagement, and enhancing learning.

#### **PRICE (ESRP):**

Primo Toys Cubetto Direction Blocks

\$29.90

**Primo Toys Cubetto Logic Blocks** \$29.90 Primo Toys Cubetto Wooden Robot \$229.00 Teach ye programmin Cubetto is a se to help child

STEWARTco STEAM Sales Guide 🍁 Coding + Computer Science

# PRIMO

Teach young children the basics of computer programming through adventure and hands-on play. Cubetto is a screenless, friendly, and ready-to-play robot to help children's first steps into the world of coding.

## kais education

The KaiBot is the worlds first hybrid coding robot for kids, designed to create a rich and engaging learning environment. KaiBot combines unplugged coding with coding cards for young learners to acquire coding skills.

STEWARTco STEAM Sales Guide 🌞 Coding + Computer Science

#### **AGES: 3+**

Pre-school & Above

#### **STEAM BENEFITS:**

- Allows students to learn basics in progression through coding cards, included lessons and activities.
- Hybrid mode by using coding cards, Blocky or Python to solve challenges and watch both physical and virtual KaiBot act out code instructions.
- Create, build, and design new challenges and mazes to keep students engage.

#### **PRICE (ESRP):**

Kai's Intro Pack \$155.50

#### CH3 Hamilton Buhl®

Hamilton Buhl is a leader in the design and manufacturing of electronics and presentation equipment for education. Edison is a robust educational robot designed to bring coding to life for students.

STEWARTco STEAM Sales Guide 👾 Coding + Computer Science



#### Kindergarten+

#### **STEAM BENEFITS:**

- These LEGO<sup>®</sup> compatible and easily expandable educational robots are clean, safe, reusable, expandable, and robust, providing students an opportunity to experiment and grow their knowledge.
- Progressive coding learning from visual to text based.
- Helps students explore their imagination, cultivate their innovativeness, and have fun without expensive tools and excessive investment.

#### **PRICE (ESRP):**

Edison Educational Robot Kit \$76.91 Edison Educational Robot Kit (in bulk) 2pk: \$153.83 3pk: \$230.75 10pk: \$769.21 20pk: \$1,538.44



#### **STEAM BENEFITS:**

- Complete computer science CS curriculum to teach
  real-world Python coding skills.
- Empowers learners with professional debugging tools.
- Features engaging projects that inspire mastery in both physical and virtual environments.

#### **PRICE (ESRP):**

Firia Labs	Firia Labs	Firia Labs
CodeX with	<b>CodeBot with</b>	<b>Mission Pack:</b>
Python Kit	<b>Python Kit</b>	Lift-Off!
\$199.00-	\$199.00-	<b>Peripherals Kit</b>
\$1,490.00	\$1,490.00	\$199.00-
		\$1,490.00



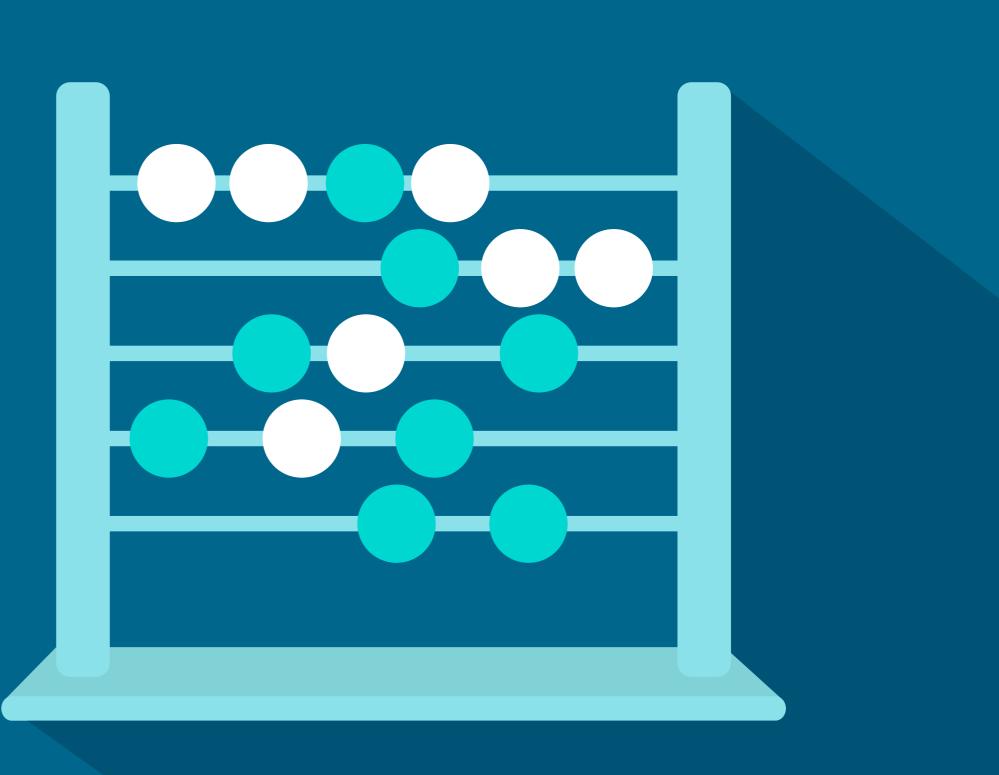
**STEAM Sales Guide Coding + Computer Science** 

# ERA LABS

Firia Labs makes robotics and STEAM-based kits with educational software and tools that teach Python coding. They are focused on providing products, training, and curriculum for educators and students of computer science.

#### MAKERSPACES + MAKER KITS

A makerspace is a collaborative workspace that uses both high-tech and no-tech tools for students to create, build, learn, explore, share, problem solve, and develop skills by guided learning-through-play activities.



Source: Campbell University

#### **AGES: 8+**

**Middle School** 

#### **STEAM BENEFITS:**

- Free classes and resources for teachers.
- Cultivates coding skills and imagination with hands-on play.
- Collaborative learning that fosters teamwork, problem solving, and multi modal learning.

#### **PRICE (ESRP):**

Makey Makey Classic EDU \$49.95 Makey Makey Backpack Bundle \$44.45 Makey Makey Code-a-Key Backpack

\$24.95

Makey Makey Classroom Invention Literacy Kit \$699.95 Makey Makey Get Up + Go! Booster Kit \$19.95 Makey Makey Craft + Code Booster Kit \$19.95



STEWARTco STEAM Sales Guide 🍁 Makerspaces + Maker Kits

## Makey Makey®

Makey Makey is an invention kit for the 21st century. Craft your own controllers with everyday materials and learn to code through games.

# 

Makedo is a simple-to-use, open-ended system of tools for creative cardboard construction. Build imaginative and useful creations from upcycled cardboard.

#### **AGES: 5+**

Sng

**Elementary School** 

#### **STEAM BENEFITS:**

- Students learn problem-solving through imaginative play and collaboration.
- Keep students engaged and foster communication skills.
- Builds 21st century thinking skills through immersive play.

#### **PRICE (ESRP):**

Makedo STARTER	Makedo DISCOVER
\$9.00	\$45.00
Makedo EXPLORE	Makedo INVENT

#### **AGES: 8+**

Middle School

#### **STEAM BENEFITS:**

- Helps teach important problem-solving skills like collaboration, engineering, design, and computational thinking.
- Free standards-aligned lesson plans and activities.
- Free app that helps you craft with code and do more with cublelets.

#### **PRICE (ESRP):**

#### **Cubelets Lesson Plan Bundle: Launchpad Edition**

<b>Pre K - K</b> \$199.99	Grades 1 - 3	\$199.99
Grade 4 - 6 \$199.99	Grade 7 - 12	\$199.99
Grade K - 12 \$640.00		

#### STEWARTco STEAM Sales Guide 🍁 Makerspaces + Maker Kits

## Modular Robotics

Modular Robotics makes robot construction kits made of modular magnetic blocks that can be assembled to create small self-powered robots.

# PlayShifu

Shifu creates an innovative and immersive learning experience during playtime by bringing board games and mobile devices together through Augmented Reality.

STEWART STEAM Sales Guide 🍁 Makerspaces + Maker Kits

6

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#### AGES: 4 - 10

**Elementary School** 

#### **STEAM BENEFITS:**

- Teaching essential skills such as math, English, building, and art.
- Develop soft skills like critical thinking, communication, and Problem solving.
- Engage students with hands-on play and solve STEAM puzzles.

#### **PRICE (ESRP):**

#### Shifu Plugo STEM Wiz Pack \$109.99

#### **AGES: 8+**

Middle School

#### **STEAM BENEFITS:**

- Builds creativity by coming up with new designs and ideas.
- Free app with 3D animated instruction manuals and other creations.
- Engages students with hands on play and introduces them to the world of coding.

#### **PRICE (ESRP):**

Robotis Play 300	<b>Robotis Play 700</b>	
Dinos 8+	Ollobot 8+	
\$48.90	\$119.90	

**Robotis Play 600** Pets 6+ \$54.90

STEAM Sales Guide 👾 Makerspaces + Maker Kits

# ROBOTIS

**Robotis produces educational robotics kits for all** ages and skill levels. Build a range of pets, robots, and dinosaurs with programmable kits to introduce STEAM concepts to children.

### **DEXTER 1N D U S T R I E S**

Dexter Industries builds robot kits that help people learn how to program. These kits help children build, understand, and experiment with robotics.



**High School** 

#### **STEAM BENEFITS:**

- Free projects, lesson plans, and curriculum available on website.
- Hands-on kits that help students connect, program, and control sensors to build their own smart devices.
- Keeps students engaged while learning to code.

#### **PRICE (ESRP):**

Dexter Industries Project Pack 1

\$139.00

**Dexter Industries Project Pack 2** \$139.00

**Dexter Industries Python Project Pack** \$155.00 Dexter Industries Mars Project Pack \$168.00

**Dexter Industries Education Project Pack** \$286.00

#### **AGES: 4 - 12**

**Elementary & Middle School** 

#### **STEAM BENEFITS:**

- Free Piximakey app as your digital toolkit.
- Combines physical and digital experience to involve students and improve imagination skills.
- Develops learning, literacy, and life skills such as collaboration, critical thinking, social, productivity, innovation, and more.

#### **PRICE (ESRP):**

**Piximakey Stop Motion Studio Education Edition** \$195.95



Piximakey was developed as a tool for creating and sharing animated films, bringing everyday objects and toys to life. Bridge play and 21st century learning to unleash the power of creativity.





3Doodler-FLOW

3Doodler is the world's first 3D printing pen. From articulated hands to working rollercoasters, students can create STEAM-innovation inside the classroom with the 3Doodler Start+ or FLOW pen.



#### AGES: 14+

**High School** 

#### **STEAM BENEFITS:**

- Encourages creativity and innovation through hands-on experiences.
- Brings STEAM ideas & concepts to life.
- No complicated software or hardware learning curve.

#### **PRICE (ESRP):**

#### **3Doodler FLOW Essentials Pen Set** \$12.99

#### **AGES: 12+**

Middle & High School

#### **STEAM BENEFITS:**

- Equipped to handle most DIY projects precisely and expertly, from vinyl for decals to iron-on decor projects, to cardstock masterpieces.
- Free, easy-to-use app with hundreds of premade designs for any learning level.
- Promotes student engagement and creativity with hands on activities.

#### **PRICE (ESRP):**

**Cricut Basic Tool Set** \$26.99

Cricut EasyPress 3 \$199.00

> Cricut makes smart cutting machines that work with an easy-to-use app, an ever-growing collection of materials, and crafting essentials to help you design and personalize almost anything — custom cards, unique apparel, everyday items, and so much more.

Creut



### VR / AR / XR / MR

(virtual reality / augmented reality / extended reality / mixed reality)

Creates a non-linear learning environment that offers better engagement, endless creativity, and an immersive connection to the curriculum.

### AGES: 14+

**High School** 

### **STEAM BENEFITS:**

- Free downloadable lesson plans included.
- Game-building platform promoting imagination, history, and creation while developing present-day skills.
- Promotes student collaboration inside class or with students from other countries.

### **PRICE (ESRP):**

HamiltonBuhl STEM VR and High Tech Kit for Social Emotional Learning (SEL) \$1,855.29

HamiltonBuhl is a leader in the design and manufacture of electronics and presentation equipment for education. Through their Social Emotional Learning, students can acquire and apply the knowledge, skills, and attitudes to develop healthy identities, manage emotions and make responsible and caring decisions.

### 3 Hamilton Buhl®

# CURISCOPE

XII

Inspiring curious kids to develop a love for science, Curiscope uses Augmented Reality to experience the world in ways never seen before. Using real life objects, such as posters and t-shirts, Curiscope immerses students in an engaging and accessible way.

STEAM Sales Guide 👾 VR/AR/XR/MR

### **AGES: 8+**

**MIddle School** 

### **STEAM BENEFITS:**

- Experience science curriculum in a 3D learning environment.
- Full immersive 360 videos.
- Using their free app (iOS and Android) along with their interactive products, students can learn about the human body and solar system in an immersive and friendly way.

### **PRICE (ESRP):**

**Curiscope Multiverse Interactive Poster** \$24.95-\$44.95 **Curiscope T-Shirt** \$29.95-\$31.95

### **AGES: 13+**

Middle & High School

### **STEAM BENEFITS:**

- High quality, curated, and tailored content included, with additional teacher resources to aid in professional development.
- 360-degree photos and high-definition resolution to bring reality to students.
- Classroom management through personalized playlists, offline teaching, and progress tracking.

### **PRICE (ESRP):**

### **Expeditions VR Kits**

\$6,300+

STEWARTco STEAM Sales Guide 👾 VR / AR / XR / MR

RobotLAB is the largest award-winning leading robotics integrator, manufacturing robotics and virtual reality products for K-12 education. Bring your classroom to life with the Expedition VR Kit, transporting students to learn all around the world.

## RobotLAB



Inspire children with interactive learning toys that builds on fundamental skills. Playshifu makes AR-based STEAM toys and educational games for children.

STEWART STEAM Sales Guide 👾 VR / AR / XR / MR

EADPHONES

### **AGES: 5+**

**Elementary School** 

### **STEAM BENEFITS:**

- Engage students of all ages in complex STEAM concepts
- Teaching essential skills such as critical thinking, Math, Science, & Art with handson activities like real-time feedback.
- Develop soft skills like critical thinking, communication, and problem solving.

### **PRICE (ESRP):**

Orboot	Plugo	<b>Starter Pack</b>
\$54.99	\$59.99	\$280.00

### **AGES: 5+**

Kai's Clan Start Pack Elementary School **AR-VR Adventure Mats** Middle School

### **STEAM BENEFITS:**

- Free setup and professional development training with Kai-certified teachers.
- Student engagement and collaboration comes together to solve real-world coding problems.
- Preparing children for the future through AR, VR, MineCraft, Tinkercard, and much more.

### **PRICE (ESRP):**

Kai's Clan Start Pack \$495.00

**AR-VR Adventure Mats** \$995.00



Kai's Clan is where student learning and engagement become one. A collaborative coding environment encompassing an all-in-one platform of robotics, Artificial Reality, Virtual Reality, and the Internet of Things (IoT).

## kais education

### PROFESSIONAL DEVELOPMENT

Professional development (PD) provides a way for educators to deepen or expand their skills and knowledge of a certain subject, allowing teachers to grow as educators.



## RobotLAB

RobotLAB works with schools to support the integration of technology into teaching and learning. The NAO humanoid robot is the ideal platform for teaching Science, Technology, Engineering, and Math concepts at all levels.

STEWARTco STEAM Sales Guide 🌞 Professional Development

### **AGES: All**

**Teachers & Professionals** 

### **STEAM BENEFITS:**

- Projects or lab-based approach for teaching core subjects: English, Math, Robotics, and Computer Science.
- Improvements in achievements and learning effectiveness.
- Foster student teamwork, project management, problem-solving, and engagement.

### PRICE (ESRP):

2-Day Professional Development for the NAO Robot

\$2,900.00



### CURRICULUM

STEAM curriculum includes the lessons and assessments for the core areas of science, technology, engineering, arts, and math. This instruction enables educators to foster students' proficiency in the content and build their applied learning skills.

### AGES: 5 - 10

**Elementary & Middle School** 

### **STEAM BENEFITS:**

- Pre-planned curriculum with over 190 resources ready to use that are aligned to FlashForge 3D printers.
- Free FlashPrint Slicing Software to help students learn how to use Flashpoint to prepare their own models.
- Lesson plans created by teachers for teachers, aligned with standards.

### **PRICE (ESRP):**

FlashForge 3D Printing Curriculum \$239.00



### 

Flashforge introduces reliability and quality to 3D printing for beginners to experts. Learnbylayers is a curriculum for teachers who are looking to start 3D printing with their students.

### Robot Education

iRobot creates robots for children of all ages to teach coding skills. They spark engagement and creativity by using robots to connect classroom learning with the real world.

### **AGES: ALL**

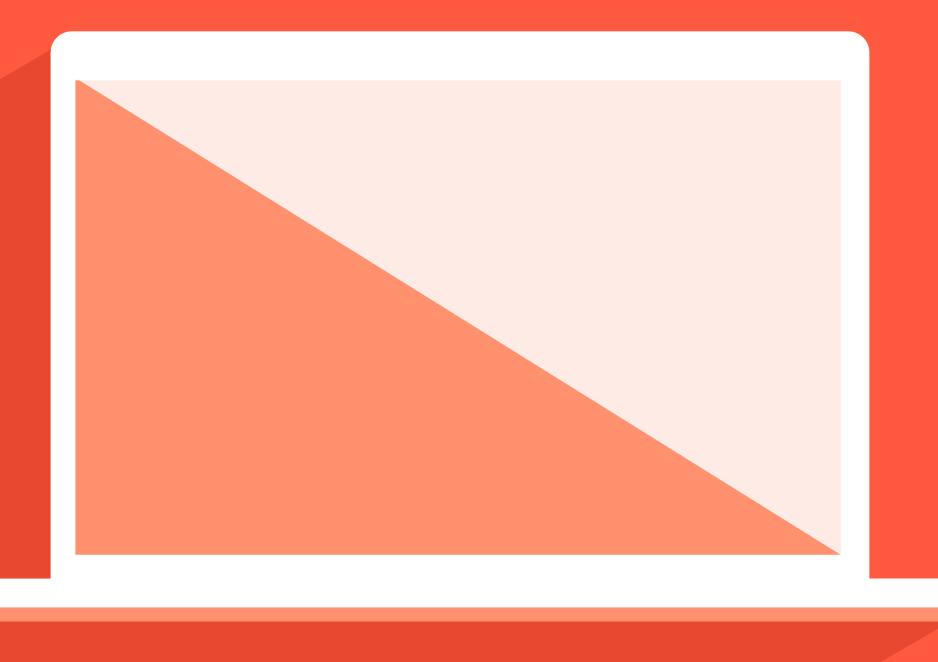
K-12, Teachers, & Professionals

### **STEAM BENEFITS:**

- Standards-Mapped curriculum modeled after several national standards systems, including CSTA, Common Core and more.
- Cross-Curricular applications for math, ELA, science, and art to create cohesive school-wide learning opportunities.
- Features project-based activities that highlight communication, teamwork, and problem-solving skills.

### **PRICE (ESRP):**

iRobot Root Academy 1-Year Renewal Subscription \$60.00-\$1,000.00



### DEVICES

Technology, such as computers and laptops, create high-quality learning experiences that foster students' innovation, creativity, communication, and collaboration.

# UJJCOM®

Wacom makes the world a more creative place with tools for artists and students. Wacom offers an experience designed to enhance every creative breakthrough with pens and tablets.



**Students & Teachers** 

### **STEAM BENEFITS:**

- Encourages students to explore, experiment, and express their creativity.
- Train students on the tools that today's studios, agencies and creative professionals rely on.
- Replaces traditional classroom whiteboards for real-time annotating, grading, and teaching.

### PRICE (ESRP):

Wacom One by<br/>Wacom, Small EDUCintiq Pro 24 EDU<br/>\$2,199.95\$49.95\$2,199.95Intuos Pro Pen &<br/>Touch TabletCintiq Pro 24 Touch<br/>\$2,699.95\$379.95\$2,699.95Cintiq 22 Medium<br/>Creative Pen Display EDUSintiq 22 Medium<br/>Sintiq 22 Medium<br/>Sintiq

\$1,299.95

### **AGES: All**

Professionals

### **STEAM BENEFITS:**

- Provides mass automation for Chromebook enrollment, configuration, and other processes.
- Eliminates manual entry of settings, account • details, and Wi-Fi credentials and entry errors.
- Cost savings where commercial white glove enrollment services are replaced.

### **PRICE (ESRP):**

**Go-Box Chrome** \$1,499.00

**Go-Box Multi-Domain** \$1,999.00





Go-Box Chrome is the best and easiest solution for automating enrollment and configuration processes on large quantities of Chromebooks.

### ANDREA COMMUNICATIONS

Andrea Communications is a leading developer and supplier of headsets, headphones, microphones, USB adapters, and wireless products, providing students with unbeatable clarity and performance.

### **AGES: K-12**

**Elementary School & Above** 

### **STEAM BENEFITS:**

- Easy to wear and clean with adjustable headbands for comfort and fit.
- Delivers crystal clear audio to keep students focused and engaged.
- Used for a variety of learning such as classroom learning, computer labs, speech training software, and more.

### **PRICE (ESRP):**

#### Andrea EDU-175 On-Ear Stereo Headphones

\$14.95

Andrea EDU-255M On-Ear Stereo Mobile Headset \$19.95 Andrea EDU-455 USB Over-Ear (Circumaural) Stereo Headset

\$44.95

Andrea WNC-2100 On-Ear Noise Canceling Wireless Bluetooth Mono Headset

\$99.95

### AGES: K - 12

**Elementary School & Above** 

### **STEAM BENEFITS:**

- Ambient noise cancellation and quality audio translate directly to increased attention, greater focus, and engagement.
- Mindful, innovative, and accessible solutions that facilitate learning and growth for everyone.
- Provides opportunities for all to have essential tools they need for their learning journey.

### **PRICE (ESRP):**

Avid Products AE-35 On-Ear Headphones \$10.95 Avid Products AE-55 Headset \$15.95

Avid Products AE-36 On-Ear Headphones with Boom Mic \$13.95

> Innovative audio solutions for every step of the learning journey. AVID product solutions are designed with the life-long learner in mind.

STEAM Sales Guide 👾 Devices

# ADESSO®

Adesso designs and manufacturers computer peripherals and mobile accessories, including keyboards, mice, webcams, headsets, speakers, and more.



**Elementary School & Above** 

### **STEAM BENEFITS:**

- Provides Esports essentials for students and gamers to be immersed in their experience while training in today's professional environment.
- Connects and expands collaboration in classrooms by bringing reliable sound, picture, comfort, and style.
- Easy-to-use, budget-friendly solutions to fit into all classroom needs.

### **PRICE (ESRP):**

Adesso Wireless Mini Mouse

\$14.99

Adesso 1080P HD USB Webcam with Built-in Microphone

\$49.99

Adesso Antimicrobial Wireless Desktop Keyboard & Mouse \$29.99

### **AGES: 4+**

**Elementary School & Above** 

### **STEAM BENEFITS:**

- Removes the intimidation of playing a new instrument, making it easy for anyone to create songs and focuses on the fun sides of music expression.
- Artiphon Connect App features multiple upgrades, including a colorful visualizer, hundreds of new sounds, and the ability to create your own instruments.
- Promotes creativity and imagination in children of all ages.

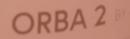
### **PRICE (ESRP):**

Orba 2	Chorda Portable	
\$149.99	\$249.99	



Artiphon is a consumer electronics company designing adaptive instruments to empower musical creativity. Play any instrument, style, and sound with a single device that connects directly to a smartphone, tablet, or computer.





### ARTIPHON



TWT Audio is a developer of high-quality, value-driven headphones and headsets. They are a budget-friendly audio solution created by educators for education and Esports.

### **AGES: K-12**

**Elementary School & Above** 

### **STEAM BENEFITS:**

- Designed by educators, headphones are built with durability, comfort, and outstanding sound quality.
- Built for safe long listening sessions, headsets reduce listening fatigue so students can focus with lasting comfort and minimal distractions.
- Headsets and headphones for a variety of uses including listening to or creating music, animation voiceovers, collaborative audio projects and more.

### **PRICE (ESRP):**

TWT Audio TW50 LITE Headphone

\$11.99

TWT Audio TW210 DURO Headset \$31.99

TWT Audio TW200 DURO Headphone

\$22.99

### **AGES: 14+**

**High School & Above** 

### **STEAM BENEFITS:**

- Take notes like a regular pen and paper, and directly have them appear on the Neo Studio app.
- Make edits or color changes to organize and personalize individual's work, while making it easy to search through notes.
- Optimizes time and convenience of students and teachers in the classroom and can be shared quickly with just one touch.

### **PRICE (ESRP):**

**Smart Class Kit** \$99.00

**Smartpen N2** \$149.00

Smartpen M1+ \$129.00

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# **NEO SMARTPEN**

NeoLAB technology can digitize any surface. Their devices allow writings to be digitized with various interactions, providing a solution that allows students to focus and study effectively.

IP you don't know where you want to go. then it doesn't matter which path you take 에는 사망

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### Tech Protect

TechProtectus is a design expert of premium protective cases and accessories for iPads, Chromebooks, MacBooks, laptops, and tablets. Whether a student, educator, or professional, TechProtectus provides robust protection, sleek designs, and functionality that aligns with every need.

### **AGES: ALL**

K-12, Teachers, & Professionals

### **STEAM BENEFITS:**

- Has durable DropTech technology, making products Tumbleproof, Goofproof, and KidProof.
- Transparent backs for scanning with a quick installation process.
- Works in most charging carts and is great for take-home device programs.

### **PRICE (ESRP):**

**TechProtectus Kids friendly Shockproof Handle Stand iPad Case** \$35.99

TechProtectus ShockProof Hardshell Chromebook Case

\$49.99

**TechProtectus Hinge Protection LightRugged MacBook Case & Keyboard Cover** \$39.99

**TechProtectus ShockProof Hardshell Microsoft Surface Laptop** \$49.99

### COLLABORATION

(collaboration furniture / software / organizational storage)

Collaborative solutions allow students to work together towards a common goal and help each other learn concepts through peer-to-peer interaction.



### **AGES:**

**Teachers + Professionals** 

### **STEAM BENEFITS:**

- Creates an agile classroom, where in-class and remote students are afforded the same access to quality audio, video, and content sharing.
- Eliminates wasted classroom time while improving student engagement.
- KLIK's screen sharing feature allows students to view and capture the shared content on their own device.

### **PRICE (ESRP):**

KLIKLink Video Sender (HDMI or USB-C) \$249.00 KLIKBoks HUB Wireless \$999.00

Effective Marketing

KLIK is the hybrid collaboration platform that combines video conferencing, wireless screen sharing, live streaming and much more. KLIKBoks HUB brings a breakthrough suite of capabilities to any classroom, meeting room or any space where people meet to teach, learn, and collaborate.

is a document camera company

IPEVO is a document camera company that designs simple, affordable, and powerful teaching tools that bring back precious time and resources to the classroom.

### **AGES: All**

**Students & Teachers** 

### **STEAM BENEFITS:**

- Enhances interactivity and collaboration in all learning environments.
- Use as an assistive teach tool for students with emotional/learning disabilities, sensory issues, low-vision, or students with ADHD.
- Display materials for group learning with auto-focus and zoom functions.

### **PRICE (ESRP):**

PEVO VZ-R
\$239.00
PEVO TOTEM 180
\$289.00
<b>PEVO TOTEM 360</b>

### **AGES: All**

**Students & Teachers** 

### **STEAM BENEFITS:**

- Supports small group learning when a resource hub is needed away from main learning space.
- Promotes peer-to-peer learning, helping to maximize student progress.
- Boost subject-based learning by storing resources in the trays underneath the workspace.

### **PRICE (ESRP):**

**Gratnells MakerSpace Carts** \$1,702.22



Gratnells is the world's leading customizable cart and tray storage solutions for heavy educational use. Gratnells trays are perfect for storing STEAM items, makerspace items, games, classroom, library supplies, and more.

# Gratnells

### SPECTRUM INDUSTRIES INC.

Spectrum Industries is the premier manufacturer of furnishing products designing furniture for esports arenas, social-distanced active learning, and classrooms.



**Students & Teachers** 

### **STEAM BENEFITS:**

- Creates endless, comfortable, and inspiring spaces to maximize engagement.
- Customizable durable teaching spaces to promote student collaboration and interactive communication.
- Perfect for individual study or group discussion, and great solution to promote social distancing in common areas.

### **PRICE (ESRP):**

#### Spectrum InVision Active Learning Pod System

Pedestal Riser	Table
\$932.00	\$1,044.00

Center Pedestal \$1,414.00

#### **Spectrum BLENDER Furniture**

Hexagon	Trapezoid	Wave Soft
Ottoman	Ottoman	Seating G2
\$1,616.00	\$1,640.00	\$1,976.00

### **AGES: 5+**

### **Elementary School & Above**

### **STEAM BENEFITS:**

- Durable and sleek headphones are versatile and compatible with a wide variety of technologies.
- Personalize listening levels while increasing collaboration and communication with students.
- Locking carrying case to protect headphones and keep ready to use.

### **PRICE (ESRP):**

AudioMVP Bluetooth<sup>®</sup>-CD-FM Listening Center, 6 Station \$397.38 **6 Person CD-MP3 Listening Center with Deluxe Headphones** \$410.31

> Hamilton Buhl is a leader in the design and manufacturing of electronics and presentation equipment for education and industry-producing products that help achieve higher performance learning.



# Buhl®

## BY POWER TECHNOLOGIES

Anywhere Cart produces world-class secure charging carts and cabinets for Chromebooks, iPads, Kindle & Surface Pro Tablets, Laptops, and more devices for schools, keeping them ready to perform.

1 1

### **AGES: All**

**Students & Teachers** 

### **STEAM BENEFITS:**

- Designed to charge, secure, and transport Chromebooks, laptops, or tablets.
- Integrated cable management for organization, less mess, and easy set-up.
- Provides versatile, configurable, and durable designs by professionals.

### **PRICE (ESRP):**

Anywhere Cart AC-Lite \$1,545.00 Anywhere Cart AC-SLIM \$2,318.00

Anywhere Cart AC-PLUS T \$1,922.00

Anywhere Cart AC-LOCKER-24-RFID \$4,029.00

### AGES: All

**Students & Teachers** 

### **STEAM BENEFITS:**

- Fixed-focus feature to project real-time images of 3D objects, magazines, books, documents, and more.
- Software suite allows the user to control many features including video format, image and document file format, capture area, and even scanning of single or multiple pages and images.
- Connects teachers to students to help focus, engagement, and collaboration.

### **PRICE (ESRP):**

Adesso 4K Ultra HD Manual Focus Webcam \$89.99

Adesso 5 Megapixel Fixed-Focus Document Camera \$149.99 Adesso 8 Megapixel Fixed-Focus Document Camera \$199.99

> Adesso designs and manufactures computer peripherals and mobile accessories, including keyboards, webcams, headsets, and more for the classroom. Track and record documents and lessons with ease.

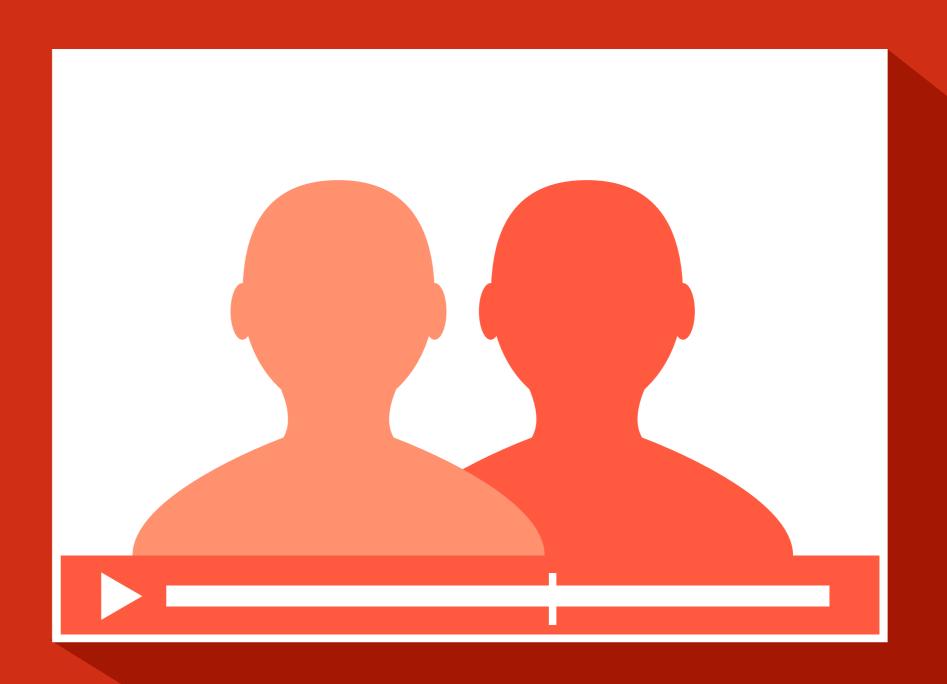
STEWART<sub>co</sub> STEAM Sales Guide 🌞 Collaboration



# **ADESSO**®

### CREATIVITY + CONTENT CREATION

Conceptualizing ideals helps learning become more engaging, relevant, and authentic. Students can learn how to create visual and audio aspects while learning how to edit.



### **AGES:**

**Teachers + Professionals** 

### **STEAM BENEFITS:**

- Automatically tracks an educator in real time wearing a Marker as they walk around the classroom.
- Compact and compatible with most mobile devices, capturing high quality video and audio.
- Floor stand helps find unobstructed space in the room for smooth operation.

### **PRICE (ESRP):**

Swivl Cloud Pro Subscription \$70.35 **Swivl CX1 Bundle** \$699.00

Swivl Floor Stand \$99.00

> Swivl builds audio and video coaching tools to help administrators move faster by communicating better. Their tools also help teachers provide students with engaging, low-prep ways to practice authentic speaking and listening skills.

Swint



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# UJJEOM®

Wacom is the global leader in the pen display and tablet market, providing interactive pen displays, pen tablets, styli, and apps to equip and inspire students to make the world a more creative place.



Middle & High School

### **STEAM BENEFITS:**

- Invites creativity and imagination by having limitless opportunity in digitally drawing, painting, edit images, take notes, or collaborating.
- All models come with bonus downloadable software, training, and access to ongoing fun and inspiring content.
- Helps both students and teachers adapt to their learning environment whether it is interactive teaching, classroom collaboration, or online tutoring.

### **PRICE (ESRP):**

Wacom One by Wacom	Wacom Cintiq Pro 24
\$49.95	\$2,199.95
Wacom Intuos Pro Pen & Touch Tablet	Wacom Cintiq Pro 24 Touch
\$379.95	\$2,699.95
Wacom Cintiq 22 Medium Creative Pen Display	
\$1,299.95	

### AGES: 13+

Middle & High School

### **STEAM BENEFITS:**

- Easy to use and setup with no additional hardware.
- Record instructional videos while moving freely around that can be used later by students or for remote learning.
- Inspires student collaboration and creativity by making footage more interesting and dynamic.

### **PRICE (ESRP):**

**Jigabot EX Extended Life** \$995.00

**Jigabot Bundles** \$1,083.95 - \$1,318.00



With the Jigabot EX, capture and stream teachers or classes with an auto-tracking camera robot by using any device's camera to precisely follow a moving subject hands-free.







Get started with stop motion animation and join the play revolution. Piximakey turns tablets or smartphones into a movie set, featuring different stands, backdrops, and modeling clay.

STEWART STEAM Sales Guide 👾 Creativity + Content Creation

### **AGES: 3+**

**Elementary School** 

### **STEAM BENEFITS:**

- Engages students in both the physical and digital world while having limitless creativity in stop motion animation.
- The free Piximakey app is a digital toolkit, which combines images, motion, and sound. Everything is designed in cooperation with educators, and teachers.
- No matter the subject, animation can be used as a tool for communication, creativity, and cooperation.

### **PRICE (ESRP):**

Piximakey Stop Motion Studio Education Edition

\$195.95

### AGES: 13+

Middle & High School

### **STEAM BENEFITS:**

- Provides the versatility, functionality, and unrivaled durability you need to produce high-quality, professional studio results.
- Giving students the opportunity to create digital material for classroom use helps students achieve a higher sense of empowerment, ownership, and purpose.
- Helps build valuable skills, increases opportunity to learn digital citizenship, and gain experience producing.

### **PRICE (ESRP):**

#### **Production Media Production Studio Kits**

\$578.79 - \$2,015.35

### HamiltonBuhl Media Production Content Creation Tool Kits

\$1,225.12 - \$1,399.95

STEWARTco STEAM Sales Guide 🍁 Creativity + Content Creation

HamiltonBuhl is a leader in the design and manufacturing of electronics and presentation equipment for education. HamiltonBuhl media kits produces high quality podcasts and videos for work or school.

# Buhl®

<b>3D PRINTING + FABRICATION</b>	MAKERSPACES + MAKER KITS	PROFESSIONAL DEVELOPMENT	COLLABORATIO
		CURRICULUM	
<b>ROBOTICS + AI</b>		DEVICES	CREATIVITY +

VR / AR / XR/MR

CODING + **COMPUTER SCIENCE** 

### RATION

**CONTENT CREATION** 

