

# Products Plus

The Douglas Stewart Company | Summer 2017

## The Makerspace Movement

### Page 5

#### littleBits

Powerful STEAM learning.  
Simplified.

### Page 10

#### Polar 3D

A revolution in  
3D printing

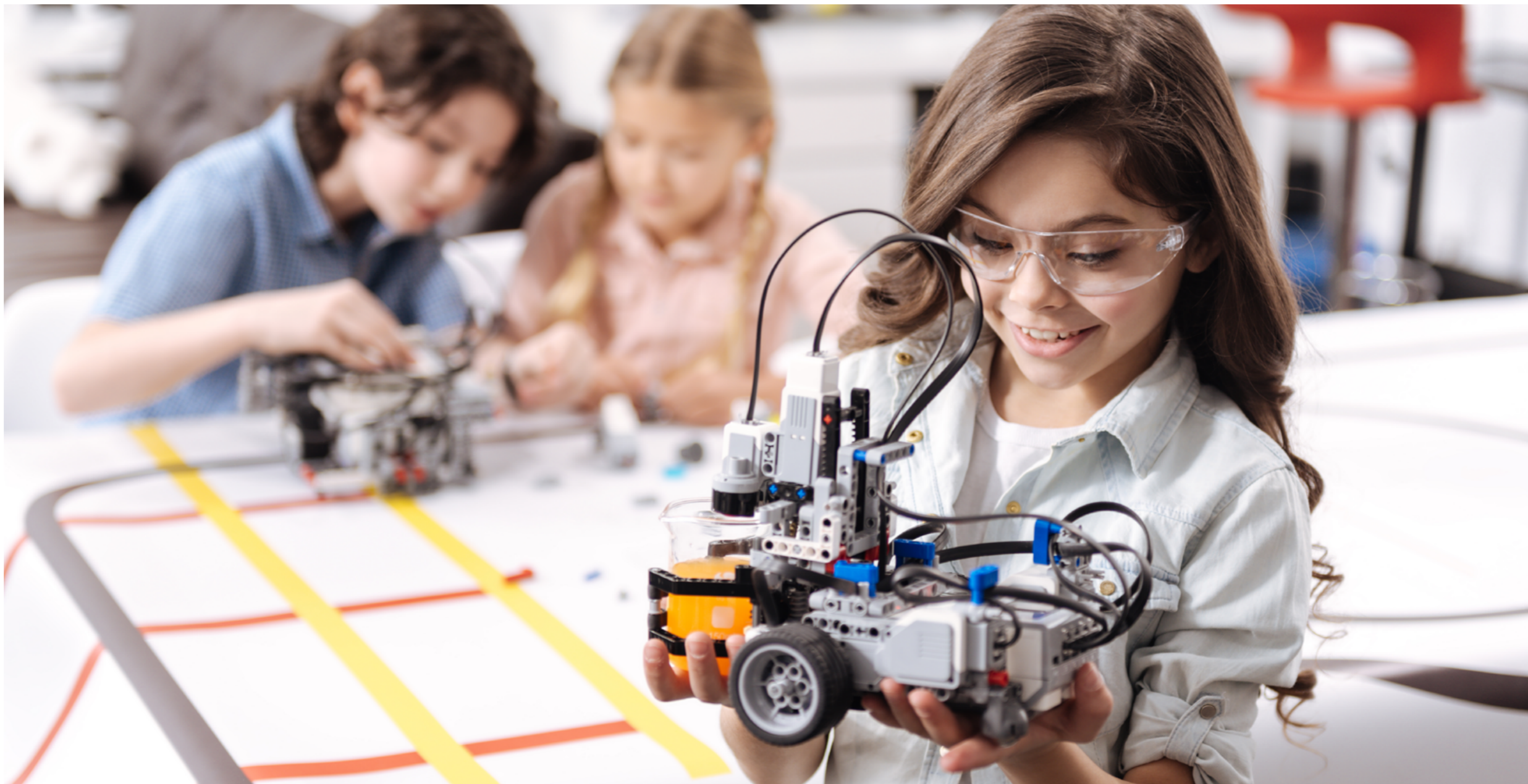
### Page 13

#### Wonder Workshop

Bringing coding to life  
through robotics for all







# TABLE OF CONTENTS

AVID Products.....	3	Polar 3D .....	10
EndNote .....	4	PowerGistics .....	11
littleBits .....	5	Spectrum .....	12
LocknCharge .....	8	Wonder Workshop .....	13
Modular Robotics .....	9		
DSC VAR Social Media.....	14	Editorial .....	6-7



# Headphones Built Tougher than the Classroom

AVID knows the classroom environment is one of the roughest places for education technology, which is why their AE-42 headphones have been specifically designed to withstand wear and tear without compromising sound or comfort. Pair the AE-42 with the Fishbone to prevent pin breakage.



## AE-42

That's why the AE-42 is designed to be one of the most robust thin-profile headset solutions on the market. The headset has minimal moving parts and a ruggedized headband to withstand even the toughest mechanical abuse. The braided nylon cord is designed to prevent even the most tenacious child from chewing the cord apart.

The AE-42 features a highly adjustable, padded headband and repositionable ear cups which work together to provide an incredibly comfortable fit for any child.

**DSC# 104696-104697 | SRP \$12.95 | Cost \$9.06**



## AE-Fishbone

The Fishbone is a flexible breakaway headphone adaptor that prevents pin breakage when the audio cable is suddenly pulled from the jack. The Fishbone is ribbed in the middle allowing it to bend and rotate in the direction of the pulling force. This allows the headphone pin to disengage without causing damage.

**DSC# 107535 | SRP \$2.50 | Cost \$1.75**

Contact us at 800-279-2795 for assistance in finding the right solution for your customers' audio needs.

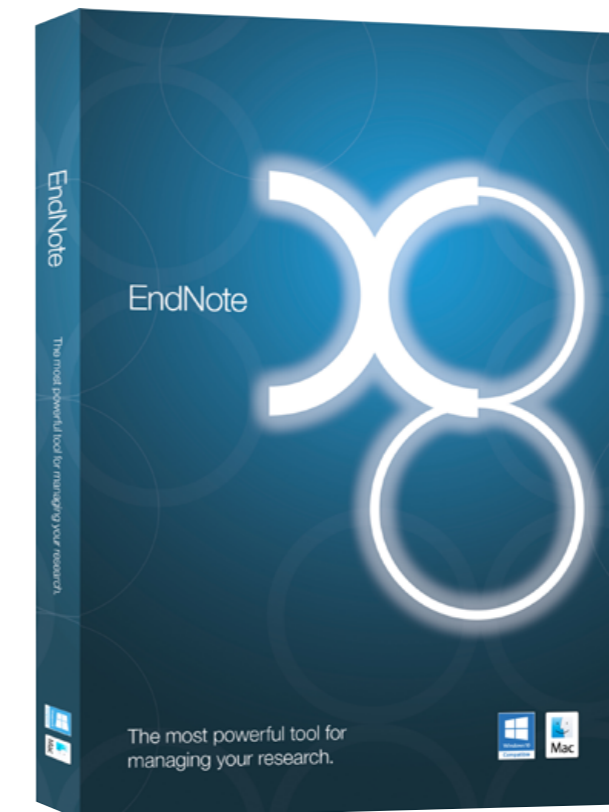


# A Smarter Way to Research

Leave behind the tedious work of formatting bibliographies, finding full-text, and searching references



Research collaboration has taken on a new meaning in the digital age—students and researchers at institutions are working with teams from all over the world. *EndNote* X8 simplifies the research process and lets researchers leave behind all the tedious work of bibliographies with one simple tool.



## EndNote X8

- » Collaborate with up to 100 people from a single reference library
- » Store and share as many references, documents, and files as needed
- » Sort through years of work in just seconds
- » Insert citations and references into a manuscript and automatically build a bibliography in over 6,000 styles

### Student

DSC# 105985 | SRP \$125.95

**Cost \$103.07**

### Commercial

DSC# 105983 | SRP \$299.95

**Cost \$192.58**



# FUN. EASY TO USE. INFINITELY CREATIVE.

littleBits encourages students of all ages to play and experiment through active experiences, enabling them to construct knowledge that can apply to real-life situations. Students will build STEM/STEAM literacy and links them to Next Generation Science Standards. With extensive resources provided to educators, littleBits is easy to implement in the classroom.



## STEAM Student Set

This littleBits education kit is the easiest way to integrate powerful STEM/STEAM learning into the classroom. It includes everything needed to engage up to 4 students and develop their 21st-century skills – including 16+ hours of lessons!

**DSC# 107438 | Vendor# 680-0008**  
**SRP \$299.95 | Cost \$242.96**



## Gizmos & Gadgets 2nd edition

This kit is the ultimate app-enabled invention toolbox giving students the ability to invent, problem solve, and be creative. Students can create and control their own app-enabled games, pranks, and crazy contraptions. The possibilities are endless with thousands of inventions online and on the app.

**DSC# 107448 | Vendor# 680-0007-0000B**  
**SRP \$199.95 | Cost \$161.96**



## Coding Bundle

This bundle includes the Code Kit and Rule Your Room Kit at a \$40 discount! Bring coding into any classroom, library, or makerspace with these fun and engaging kits. With access to resources and lesson plans, educators will be set up for success. The Rule Your Room Kit includes an exclusive bit that can transform any object into a touch pad.

**DSC# 111248 | Vendor# Bundle #2**  
**SRP \$399.94 | Cost \$283.92**





# The Makerspace Movement

Makerspace, cited as one of the three biggest K-12 Tech Trends for 2017 by EdTech magazine, is best described as a movement. There is no single definition or blueprint for a makerspace. It is an environment – whether fixed physical location or mobile pop-up – in which participants can experiment, explore, invent, build, and collaborate using available materials, technologies, and hardware that inspire “maker” activities.

The result is inspired, hands-on learning through the successes and failures of transforming ideas into reality. In addition to educational institutions, sites such as libraries, museums, and community centers are striving to create makerspaces to foster skills not developed in a typical classroom environment.

## K-12 Trends that Play into the Makerspace Movement



### Coding as a Literacy

Since 2014, 24 countries have mandated coding as part of early education. The skills required to learn coding combine deep computer science knowledge with creativity and problem-solving.



### Students as Creators

Learners explore subject matter through the act of creation rather than the consumption of content. Outcomes are not measured by the success or failure of the final product.

### Collaborative Learning

The process of creating, exploring, and problem-solving interactively with peers makes learning a shared and more enriching experience.



### Deeper Learning Approaches

When students are engaged in critical thinking, problem-solving, collaboration, and self-directed learning, a superior mastery of content results.

### Redesigning Learning Spaces

Learning spaces must inspire students to think and interact in new ways, requiring flexibility that nurtures cross-disciplinary work and maker activities.

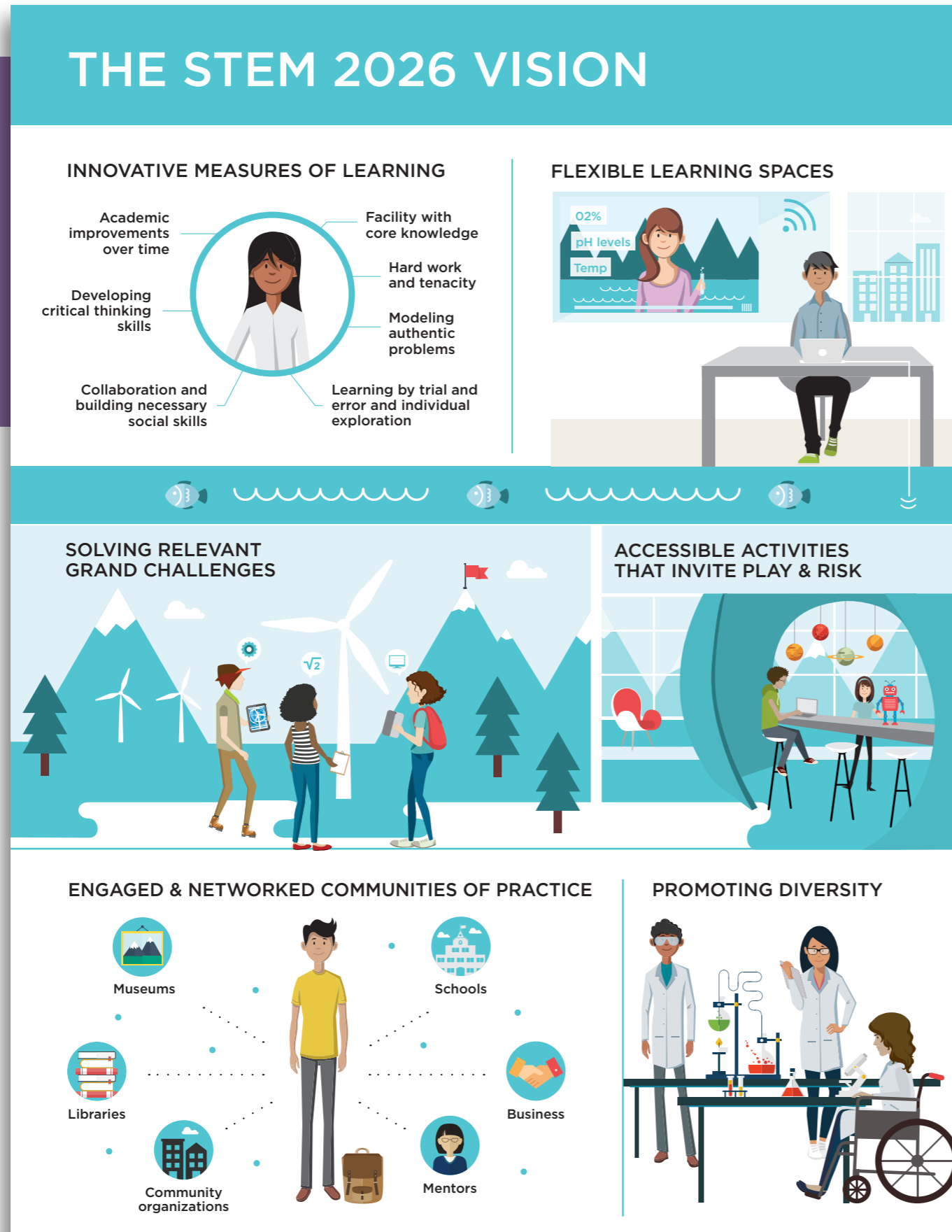


### Rethinking How Schools Work

Innovative learning approaches require new perspectives on the entire school experience, from how material is mastered to how outcomes are assessed.

Source: NMC/CoSN Horizon Report; 2016 K-12 Edition\*





# Makerspaces Deliver on National STEM Priority

In this graphic, the U.S. Department of Education summarizes its vision for supporting STEM/STEAM education as a national priority over the next decade. Makerspaces manifest each of these overriding principles in myriad ways, demonstrating the critical role they can play in instilling 21st-century skills.

Source: U.S. Department of Education, Office of Innovation and Improvement. (2016). STEM 2026: A Vision for Innovation in STEM Education.



# Making mobile device deployments more efficient

LocknCharge's carts and charging stations are the perfect accompaniment for managing deployments of Chromebooks, laptops, iPads, tablets, and more. Use the portable carry baskets to make device deployment even easier.



## Carrier Family

Store, charge, and secure 10, 15, 20, 30, or 40 units with the Carrier™ Family. Schools can safely and easily distribute devices with Baskets by LocknCharge in collaboration with the Carrier line. The Baskets are interchangeable between solutions allowing schools to manage all devices efficiently.



### Carrier 10 & 15 Charging Station

#### Carrier 10

DSC# 70685 | Vendor# LNC8200  
SRP \$649.00 | Cost \$573.33

#### Carrier 15

DSC# 104765 | Vendor# 10116  
SRP \$799.00 | Cost \$705.84



### Carrier 20

DSC# 110903 | Vendor# 10129  
SRP \$1,399.00 | Cost \$1,205.71



### Carrier 30

DSC# 110902 | Vendor# 10135  
SRP \$1,799.00 | Cost \$1,538.14



### Carrier 40

DSC# 110904 | Vendor# 10141  
SRP \$1,999.00 | Cost \$1,719.01



## Joey 30

This affordable, top loading cart can charge, store, secure, and transport up to 30 devices. Eliminate time consuming wiring with the unique side channel system that holds cables in place.

DSC# 112316 | Vendor# 10148 | SRP \$999.00 | Cost \$899.24

**Contact us at 800-279-2795 or [sales.support@dstewart.com](mailto:sales.support@dstewart.com) to learn more.**



# Integrate STEM into the classroom

Cubelets® robot blocks are a fast and easy way to inspire kids to become better thinkers.

Cubelets® robotic blocks are user-friendly magnetic blocks that can be snapped together to make an endless variety of robots. Students of all ages can build robots that have lifelike behavior and then learn to code using the Blockly app. Educators have access to over 40 hours of FREE lesson plans for grades Pre-K through 12.



### Cubelets® Inspired Inventors Mega Pack

This pack is perfect for Makerspaces, classrooms, and libraries, with enough Cubelets® robot blocks for six to twelve robot groups! Born out of the experience of watching thousands of students use Cubelets® over the years, this set gives individual learners and teams the chance to explore the potential of Cubelets®.

DSC# 107772 | Vendor# CB-KT-EDUII-1 | SRP \$4,206.00 | Cost \$3,505.00



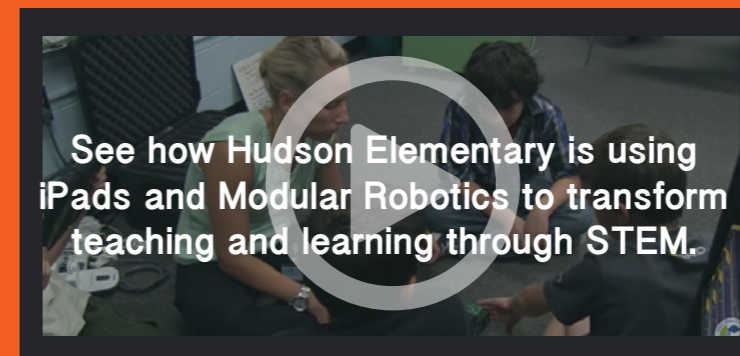
### Cubelets® Mini Makers Pack

This pack is a perfect way to jumpstart any learning environment. It was inspired by the needs of our youngest learners, but it works well for older students, too! Cubelets® robot blocks are a perfect way to use tiny robots to teach big lessons!

DSC# 107774 | Vendor# CB-KT-EDUMM-1 | SRP \$1,500.00 | Cost \$1,250.00

Over 40 hours of free, standards-aligned curricula available for educators to use in the classroom!

Contact us at 800-279-2795 or [sales.support@dstewart.com](mailto:sales.support@dstewart.com) to learn more about how Cubelets® can help transform the classroom.



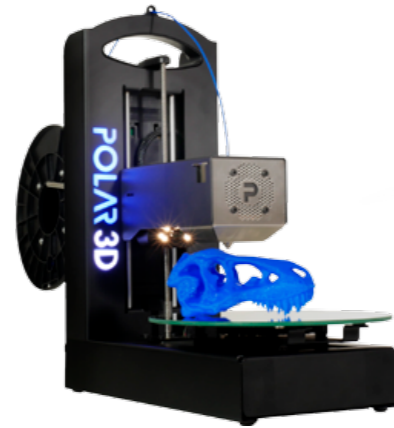




## Print outside the box with Polar 3D

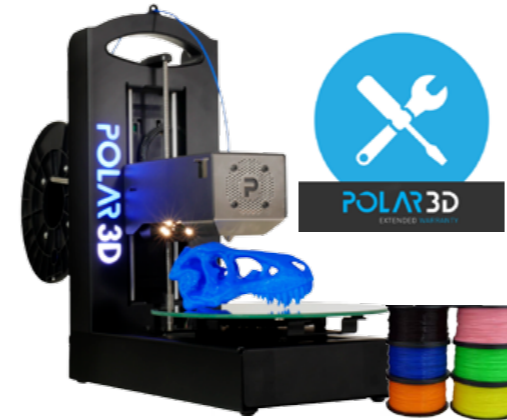
Empowering students and educators to think differently

The Polar 3D printer is a revolutionary vision of 3D printing for the modern classroom. The Polar 3D printer is the world's first 3D printer based on polar coordinates. This radical design innovation enables an open view and a 360° range-of-motion build platform delivers four times the build volume.



### Polar 3D Printer

1 Printer with Polar Cloud Connectivity  
DSC# 108585 | Vendor# 394208  
SRP \$899.00 | Cost \$749.17



### Polar 3D Printer Starter Pack

1 Printer, 6 rolls of 1Kg filament,  
& Extended Warranty  
DSC# 108577 | Vendor# 394000  
SRP \$1,999.00 | Cost \$1,665.83



### Polar 3D Printer Lab Bundle

6 Printers, 36 rolls of 1Kg filament &  
6 One-Year Extended Warranties  
DSC# 108583 | Vendor# 394210  
SRP \$6,999.00 | Cost \$5,833.00

## STEAMtrax Curriculum Modules

Polar 3D not only provides the best 3D printing solution for the classroom, but also the best reasons to include 3D printing in curriculum. STEAMtrax is the first K-12 3D printing engineering STEAM curriculum that is aligned to the Next Generation Science Standards (NGSS). Use STEAMtrax Curriculum Modules with any 3D printer.

- Problem-based, thematic storylines make learning relevant and fun
- Hands-on, constructivist learning stations to clarify science concepts
- Integration of 3D design, printing, and hands on problem solving.
- Engineering Project Design Process encourages critical thinking
- Variety of formative and summative assessments, including rubrics
- Flexible modules easily align to NGSS or state standards
- Available in digital or print platform
- Hands-on science kits available for each module

[Explore Polar3D](#)

[Deal Registration](#)

Contact us at 800-279-2795 or [sales.support@dstewart.com](mailto:sales.support@dstewart.com) to learn more or receive a customized quote.





# INTRODUCING POWERGISTICS DEPLOYMENTS YOUR WAY

PowerGistics creates simple charging stations that solve complex problems. Towers by PowerGistics have been designed with the future in mind. Towers by PowerGistics are built to be upgraded and to evolve to meet changing deployment needs.

## MADE IN WISCONSIN



PowerGistics proudly engineers, manufactures, and markets all products in the heart of Wisconsin.

## KEY FEATURES

Towers by PowerGistics create a seamless flow of technology into the modern classroom. When students manage their own devices, classes can start when the bell rings assuring that charging and storage will be non-issues.

- Student managed deployment
- Open concept = enhanced security
- Visual inventory
- Reclaim floor space
- Student-proof cable management
- Fastest deployment, period

Contact us at 800-279-2795 or [sales.support@dstewart.com](mailto:sales.support@dstewart.com) to learn more or receive a customized quote.



DESCRIPTION	DSC#	VENDOR#	SRP	COST
Tower8	111699	PGT0811	\$849.99	\$713.95
Tower8PLUS	111700	PGT0814	\$869.99	\$730.75
Tower12	111701	PGT1211	\$949.99	\$797.95
Tower12PLUS	111702	PGT1214	\$969.99	\$814.75
Tower16PLUS	111704	PGT1614	\$1,129.99	\$949.14
Tower20	112806	PGT201	\$1,379.99	\$1,159.13
Tower20 PLUS	112807	PGT2014	\$1,399.99	\$1,175.93

[SHOP POWERGISTICS »](#)

[DEAL REGISTRATION »](#)



# Furniture for the ultimate learning environment

Connecting districts with top quality features they need, at a price that fits their budget.



## The Connect36™ Carts

The Connect36™ Carts store, transport, and charge up to 36 devices. The superior all-metal overhead cord management system keeps charge cords organized above each storage bay. There is also a large tray for easy brick storage. All this, along with large bays, a timer that will charge all devices easily, and extra security with a hasp on the front and rear, make this the perfect cart.

DSC# 107690-107692 | SRP \$ 1,746.00-\$2,046.00 | Cost \$873.00-\$1,023.00



## Optio Collaboration Table

The Optio Collaboration Table is a fully customizable table that is perfect for collaborative environments. The tapered work surface allows everyone to view the screen making it easier for individuals to work together. This table is wheelchair accessible and ADA compliant.

DSC# 110401-110412 | SRP \$1,538.00-\$2,200.00 | Cost \$645.96-\$924.00

[10% Deal Registration »](#)

[Schedule an Onsite Demo »](#)

Contact us at 800-279-2795 or [sales.support@dstewart.com](mailto:sales.support@dstewart.com) to learn more.



# Introducing Wonder Workshop

## Make Wonder with Dash and Dot



Wonder Workshop's award-winning robots, Dash and Dot, bring to life the creativity and critical thinking of coding. Students can interact with Dash and Dot using a growing suite of apps compatible with most tablets. Standards-aligned content and curriculum, plus training and professional development options, make it easy for educators to incorporate coding in the classroom.



Bring coding and robotics together with fun and interactive Dash and Dot robots. Access 30+ lessons designed for integration into Kindergarten-5th grade classroom curriculum. 4 apps available on most Apple, Android, and Kindle tablets used in collaboration with robots.



### Wonder Workshop Tech Center Pack

12 Dashes, 12 Dots, 12 accessory packs, 1 curriculum guide, 12 challenge card box sets, and 1 lesson library subscription (1 year).

DSC# 112639 | Vendor# 1-PS04-11 | SRP \$3,595.00 | Cost \$2,796.11

### Wonder Workshop Classroom Pack

6 Dashes, 6 Dots, 6 accessory packs, 1 curriculum guide, 6 challenge card box sets, and 1 lesson library subscription (1 year).

DSC# 112638 | Vendor# 1-PS03-11 | SRP \$1,895.00 | Cost \$1,473.89

### Wonder Workshop Club Pack

2 Dashes, 2 Dots, 2 accessory packs, 1 curriculum guide, 2 challenge card box sets, and 1 lesson library subscription (1 year).

DSC# 112637 | Vendor# 1-PS02-111 | SRP \$695.00 | Cost \$540.56



[Watch Reseller Training Webinar »](#)

[Explore Wonder Workshop »](#)

Contact us at 800-279-2795 or [sales.support@dstewart.com](mailto:sales.support@dstewart.com) to learn more or to receive a customized quote.





# CONNECT WITH DSC VAR ON SOCIAL MEDIA

Follow us on Twitter and Instagram for updates from the DSC VAR team

Stay informed about what's happening with the DSC VAR team and our vendor partners. Subscribe to our VARconnection blog for information and updates on the K-12 industry.



@dscvar   #wedoEDU



Subscribe to our VARconnection blog!

