

## Product Line Card by Category

### Robotics

VEX Robotics  
VEX IQ  
PLTW POE/GTT Kits  
NAO Humanoid Robot  
XYZrobots  
Ozobot  
Sphero  
Cubelets  
Arduino

### Makers, Circuits & Electronics

Arduino  
littlebits  
makey makey  
Raspberry Pi  
pi-top  
SparkFun Electronics  
BirdBrain Technologies

### 3D Printers & Peripherals

Afinia 3D Printers & Scanners  
LulzBot  
MakerBot  
Matter and Form 3D Scanner  
Wacom Tablets  
3D Connexion  
ABS and PLA filament  
Squink Circuit Board Printer

### Programming and Math

EasyC  
RobotC - Free  
Modkit - Free  
Maple

### Music

Adobe  
Avid Pro Tools  
M-Audio  
Sibelius

### Video

Adobe  
Avid Media Composer  
Final Draft  
NewTek (Tricaster)

### Training & Courseware

3dmadeeasy.com  
lynda.com  
SDC Publications  
Total Training  
SolidProfessor  
ASCENT  
Vista Teach VEX curriculum

### Utility Software

NetSupport School  
NetSupport Manager  
Parallels  
TechSmith (Camtasia)  
FileMaker  
Symantec  
Faronics (DeepFreeze)

### Design & Page Layout

Adobe  
Corel  
IMSI  
Nik Software  
Quark

### Mobile

Lock n' Charge iPad carts  
pi-top DIY laptop

### CAD, 3D Modeling & Rendering

Rhino  
VRay for Rhino  
Makers Empire  
Autodesk Support/Training

### Animation

Maxon (Cinema 4D)  
NewTek (LightWave 3D)  
Pixologic (ZBrush)  
Smith Micro Poser/Anime  
VRay for Maya, 3ds Max

### Renewable Energy

Horizon Educational

Call 1 (877) 730-4770 or email [sales@idesignsol.com](mailto:sales@idesignsol.com)  
for education discounted pricing!

## Robotics

### VEX ROBOTICS



The VEX Robotics product is sold as classroom kits intended to introduce students to the world of robotics. These kits all come with electric motors, wheels, gears, and structural parts to build a VEX Clawbot and depending on the Kit you choose additional sensors and parts are included. You can also buy individual parts and PLTW kits from iDESIGN. Students can participate in VEX Robotics competitions using these classroom kits.

### VEX IQ



VEX IQ is a robotics platform designed to transform STEM learning for young students and their teachers. Students as young as 6 can jump right in and snap robots together using this intuitive, tool-less platform while educators can utilize the free VEX IQ curriculum. Students can participate in VEX IQ Robotics competitions using these kits.

### XYZ ROBOTS



XYZ robots are small humanoid robots (16" x 5" x 9") powered by Arduino, of which you can program, add customer 3D printed parts and operate with a handheld controller.

### NAO ROBOTS



NAO is the leading humanoid robot being used in research and education worldwide. Robotics is the fastest growing and most advanced technology used in education and research. The NAO humanoid robot is the ideal platform for teaching Science, Technology, Engineering and Math (STEM) concepts at all levels

### OZOBOT



Ozobot is one of the world's smallest programmable robots, measuring just over 1 inch in height & diameter. But don't let its small size fool you. Ozobot is a powerful learning tool that teaches children the basics of coding & programming in fun, interactive ways. Our easy to understand color based coding language makes Ozobot the perfect choice for introducing young minds to concepts that will be vital to their success in the 21st century. Ozobot helps kids learn about simple code language and deductive reasoning.

**SPHERO**

Sphero is a completely new type of gaming system. It's the world's first robotic ball that you control with a tilt, touch, or swing from your smartphone or tablet. You can drive Sphero, play tabletop and multiplayer games, hold Sphero in your hand to use it as a controller for on-screen gameplay, learn basic programming, and even explore augmented reality.

**BIRDBRAIN – HUMMINGBIRD AND FINCH**

The Hummingbird Robotics Kit allows students to create and program robots, kinetic sculptures, and animatronics, built out of a combination of electronic components and crafting materials. The Finch is a small robot designed to inspire and delight students learning computer science by providing them a tangible and physical representation of their code.

**CUBELETS**

Cublets are magnetic blocks that can be snapped together to make an endless variety of robots with no programming and no wires. You can build robots that drive around on a tabletop, respond to light, sound, and temperature, and have surprisingly lifelike behavior.

**3D Printing and Scanning****AFINIA 3D PRINTER**

The AFINIA H-Series 3D Printer provides a true "Out of the Box 3D Printing Experience" as the 3D Printer comes fully assembled with easy to install software for both the PC and Mac. It ships standard with software & 1 year warranty and uses both ABS & PLA filaments to print. 3D Scanners Available.

**MAKERBOT**

MakerBot is a global leader in the 3D printing industry that serves the wider needs of professionals and educators. The products include MakerBot Replicator+, Replicator Mini+ and Replicator Z18. We also sell replacement parts and PLA filament for MakerBot.

## LULZBOT



LulzBot 3D printers are designed to accommodate all levels of users, from beginners to professional engineers. A plug and play design and preset filament profiles for over 30 different materials allow users to start printing in minutes, no advanced knowledge required. For experienced users, fine-tune your prints with over 200 advanced settings! Plus, all LulzBot 3D printers include 24/7 access to our acclaimed technical support team.

## MATTER AND FORM



The Matter and Form desktop 3D Scanner delivers professional grade scans for a fraction of the cost. Create stunning 3D models that import directly into Blender, 3DS Max, Maya, or any 3D printing software.

## MakerSpaces

## PI-TOP



pi-top is a DIY laptop you build yourself. It operates with Raspberry Pi and is the perfect tool to help you start learning how to code, create awesome devices, including your own laptop! Pitop had two main products: pi-top laptop and pi-top CEED. Ships with python, scratch and much more pre-installed.

## RASPBERRY PI



The Raspberry Pi is a low cost, credit-card sized computer that plugs into a computer monitor or TV, and uses a standard keyboard and mouse. It is a capable little device that enables people of all ages to explore computing, and to learn how to program in languages like Scratch and Python. Typically used in computer science

## ARDUINO



Arduino is a hardware and software company, project, and user community that designs and manufactures computer open-source hardware, open-source software, and microcontroller-based kits for building digital devices and interactive objects that can sense and control physical devices. Typically used for Robotics.

## LITTLEBITS



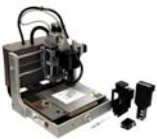
littleBits is a platform of easy-to-use electronic building blocks that empower you to invent anything, from your own remote controlled car, to a smart home device.

## MAKEY MAKEY



MaKey MaKey is an invention kit for the 21st century. Turn everyday objects into touchpads and combine them with the internet. It's a simple Invention Kit for Beginners and Experts doing art, engineering, and everything in between.

## SQUINK CIRCUIT PRINTER



All-in-One Desktop Circuit Printer, Paste Dispenser and Pick and Place. With Squink, you can print and assemble Printed Circuit Boards (PCB's) in minutes for less than a cup of coffee.

## SPARKFUN



SparkFun provides the bits and pieces to make your electronics projects possible.

## Renewable Energy

## HORIZON EDUCATIONAL



Horizon developed a portfolio of renewable energy kits, advanced fuel cell products and deliver high value educational content and teacher manuals that bring renewable energy science activities to the classroom.

## **Design, Animation, Rendering and Video**

### **CHAOSGROUP (VRAY)**



V-Ray® is fast becoming the renderer of choice in big production studios across the world. Feature film productions, multi-million dollar game productions, huge and small architectural visualizations trust their visuals to V-Ray®. V-Ray® raises the bar on the rendering and ray tracing standards and sets the benchmark for speed. V-Ray® is available for 3DS Max, Maya, SketchUp, MODO, and Rhino.

### **PIXOLOGIC (ZBRUSH)**



ZBrush's extensive and powerful features unleash students' ability to create jaw dropping portfolio and demo reel pieces – grabbing the attention of employers and giving students competitive advantage in the job market. ZBrush is taught in 3D Animation, Visual Effects, Game Design, CG, Media Art and other classes in top vocational and career schools, colleges, universities and high schools worldwide.

### **RHINOCEROS (RHINO)**



Rhino can create, edit, analyze, document, render, animate, and translate NURBS curves, surfaces, and solids with no limits on complexity, degree, or size. Rhino also supports polygon meshes and point clouds.

### **AUTODESK**

- Autodesk provides software free to schools. Visit [www.idesignsol.com/partners/autodesk](http://www.idesignsol.com/partners/autodesk) for details.

### **WACOM**



Wacom makes interactive drawing tablets for the creative professional. Their products allow you to design on a tablet which simultaneously updates/displays on your software.

## ADOBE



iDESIGN is an authorized education reseller for Adobe products and volume licensing programs for your school or district.

## NEWTEK - LIGHTWAVE



NewTek, Inc. is a San Antonio, Texas-based hardware and software company that produces live and post-production video tools and visual imaging software for personal computers. NewTek products include LightWave 3D for animation and TriCaster for live streaming, online video, projection, post production, broadcast, and social media.

## MAXON



CINEMA 4D is a 3D modeling, animation and rendering application developed by MAXON Computer GmbH in Germany. It is capable of procedural and polygonal/subd modeling, animating, lighting, texturing, rendering, and common features found in 3D modelling applications.

## AVID



Provides information on all-digital solutions for capturing, creating, editing and distributing digital media. Avid products are used to produce films, television, music and more. Avid products include Media Composer, Sibelius and Pro Tools.

## 3D CONNEXION



3Dconnexion manufactures a line of human interface devices for manipulating and navigating computer-generated 3D imagery. These devices are often referred to as 3D motion controllers, 3D navigation devices or 3D mouse.

## **Classroom Utilities**

### **NETSUPPORT**



NetSupport School is a class leading training software solution, providing Teachers with the ability to instruct, monitor and interact with their Students PC, or a group, from a central teacher PC. You can also monitor software application and web usage, track language lab audio activity, improve support through online help and chat requests and save time by automatically sending and collecting work files.

### **TECHSMITH – CAMTASIA & SNAGIT**



Teachers use Camtasia software to create professional-quality tutorial/learning videos with Camtasia's powerful screen recording and video editing tools. They use Snagit software for screen captures to add content to lesson plans or curriculum.

### **DEEPPFREEZE**



This software preserves a computer's desired configuration. A simple reboot of your PC will restore your computers to its original settings using DeepFreeze.

### **GOGUARDIAN**



GoGuardian software helps schools easily manage Chromebooks, teach more efficiently, and protect students online.



## Mobile

### PI-TOP



Have your students build their own laptops that they will own and use at school. This Raspberry Pi powered laptop gives your students the ultimate convenience in a laptop.

### LOCK N' CHARGE CARTS



Lock n' Charge is a company dedicated to the design, manufacture and distribution of the highest quality and most functional security, charging and transport solutions for storing Laptop, Tablet, Chromebook, iPad and other mobile devices.



Website: [www.idesignsol.com](http://www.idesignsol.com)

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## **About Us**

iDESIGN Solutions (iDESIGN) provides design, fabrication, coding and robotics solutions for K-12 classrooms. iDESIGN sells products that engage and inspire students to pursue STEM programs and careers. These include VEX Robotics Classroom Kits, 3D Printing, Renewable Energy Kits, Raspberry Pi solutions and teacher training.

## **Mission Statement**

Our mission is to fulfill the technology, training, and technical support needs of our customers and, in doing so, exceeding expectations for service, quality and value.

## **History**

Established in 2000, iDESIGN is a privately owned company dedicated exclusively to serving the education community in North America. iDESIGN is built on the strong belief that service is the key to customer loyalty and long term success. We offer education pricing and the highest level of customer support and training services in the industry.

## **Product Line**

iDESIGN sells the following products at education pricing: Afinia 3D Printers, Adobe, Arduino, Avid, BirdBrain Technologies, Corel, Cubelets, EasyC, Envisioneer, Faronics, Horizon Educational, littlebits, Lulzbot 3D Printers, Makey Makey, MakerBot 3D Printers, Maxon Cinema 4D, NewTek Lightwave 3D & TriCaster, NetSupport, Ozobot, Pixologic ZBrush, Quark, Rhino 3D, RobotC, Sphero, Wacom, VEX Robotics, VEX IQ, Curriculum, Guides, teacher training, and much more.

## **Why iDESIGN?**

Great Products! Great Service and Support!

The iDESIGN team brings over twenty five years of software licensing, training and STEAM product sales & management experience to the education market in North America.