STEM Made Simple® Playground #masscue18		
STATION	DESCRIPTION	WEB LINK
Wonder Workshop	Learning to code greatly enhances your students' success in the 21st century – and it can start with hands-on exploration at a young age. Dash and Dot make robotics and coding easy for students to adopt and learn. Wonder Workshop builds coding languages uniquely designed for kids ages 6 and up, putting the power of coding and computational thinking in their hands. Dreaming up new adventures and bringing them to life, students learn to master this language by transforming our characters and robots into ready-to-play pals with code. Stop by the STEM Made Simple playground and take control of Dash and Dot just like your students!	https://www.makewonder.com/
littleBits	littleBits makes technology kits that are fun, easy-to-use, and infinitely creative. The kits are composed of electronic building blocks that are color-coded, magnetic, and make complex technology simply and fun. Together they're interchangeable in millions of different ways to empower students to invent anything – from a sibling alarm, to a wireless robot, to a digital instrument. littleBits Code Kit uses Google's Blockly language to enable students to learn coding through game design. Check out littleBits in action at the STEM Made Simple Playground.	https://www.littlebits.com/

Micro:bit	micro:bit is a tiny programmable computer, designed to make learning and teaching easy and fun! Aligned to the Code.org coding curriculum, micro:bit allows teachers to facilitate computer science fundamentals across content areas. Developed by the micro:bit foundation in partnership with global technology companies; it can be coded from any web browser in Blocks, Javascript, Python, Scratch and more; no software required. Students can use the micro:bit to build robots, musical instruments and limitless mechanical objects. Activities and lessons developed by teachers worldwide are available at no cost in the micro:bit community. Learn more about the micro:bit and register for a future micro:bit competition in the STEM Made Simple Playground.	https://microbit.org/
Birdbrain Technologies	The Hummingbird Robotics kit allows students to create and program robots built from electronic components and craft materials. Tens of thousands of students globally have used our products to learn poetry, explore computer programming, host robot petting zoos, create combined physical and virtual games and much more. Hummingbird allows all students, regardless of their interest are (or disinterest) to develop a curiosity for coding and design. Visit our robot petting zoo at the STEM Made Simple playground!	https://www.birdbraintechnologies.com/
Codespace ***by Eduscape***	The principles and cross curricular applications of coding are taught in a very engaging series of lessons in Codespace's *Blanc* platform. Used by thousands of students globally, this teacher-friendly platform allows students to engage in real-world activities that require the use of coding to solve problems and create their own solutions. Teachers can easily track progress and differentiate lessons using *Blanc's* easy to manage dashboard. Blanc is aligned to NGSS, MA Standards and the U.N. Sustainability Goals. This is a great way	http://www.eduscape.com/codespace

	to build foundational coding and STEM skills among your students beginning at the elementary level. The "Coding for Every Teacher" professional development is a hybrid solution to preparing any classroom teacher to understand why coding is important and how to integrate it into his/her classroom. Onsite or through our e-learning, every teacher can learn the principles of coding for the classroom. Visit the STEM Made Simple Playground and learn firsthand how to facilitate the integration of coding in your curriculum!	
Mooreco	MooreCo is the leader in the educational and office markets for visual communication products, furniture, audio visual technology support equipment. Their active learning solutions for Makerspaces and STEM spaces are easily integrated into any classroom where modern learning is taking place. If you are seeking to redesign any learning space into a flexible, inspiring and active environment for students, Mooreco can help you. Visit the STEM Made Simple Playground where you can see some of the Mooreco active learning furniture in use throughout actual learning activities.	http://moorecoeducation.com/
Cubelets	Cubelets are the world's first robot blocks. Uniquely designed, individual blocks are robots that snap together with magnets, teaming up to create thousands of novel robot constructions, each with new behaviors. Harnessing students' natural curiosity, Cubelets captivate students from PreK to 12th grade and scales to all skill levels. Engaging and intuitive, Cubelets are an ideal point of entry into computational thinking. Students can design and redesign robot constructions with ease, using the robot blocks to model real-world behaviors and to launch students into a new world of creativity and critical thinking. Grab some blocks and start building and coding in the STEM Made Simple Playground.	https://www.modrobotics.com/cubelets/

Minecraft STEM Solutions	Did you know that Minecraft EDU's "Boss mode" now allows teachers to facilitate and guide student progress as they build and create worlds in Minecraft that provide experiential learning opportunities across all subject areas? Did you know Minecraft Chemistry supports a hands-on, student-driven activities that enable exploration of difficult to grasp Chemistry concepts much easier? Microsoft's *Hacking STEM* program provides free, teacher-designed STEM lessons that easily be applied in any classroom with simple, inexpensive resources. Come try our Minecraft for EDU firsthand and Hack STEM in the STEM Made Simple Playground!	https://education.minecraft.net/
EZRobot	EZ Robots are considered among the most affordable, easiest, yet most powerful and creative robots for STEM education. The designs are open-ended and modular, so there is no limit to your student's creativity. They are assembled with ez-bits using clip'n'play technology for endless configurations. EZ-Robot is first in the industry to successfully provide a complete unified robot platform which combines powerful hardware, clip'n'play modularity and innovative software that pushes the limits of robot technology. The EZ-Builder software controls, programs and shares EZ-Robot Revolution behaviors, configurations and personalities. A 3D design feature is provided to build and share robot configurations on the EZ-Cloud AppStore with the global community. Programming an EZ-Robot is graphical, easy and scales between beginner and advanced users. Explore the endless possibilities in K-12 robotics at the STEM Made Simply playground.	https://www.ez-robot.com/