











## CODING – ROBOTICS - STEM

Equipment Name	Picture	# Available
K'NEX Education "Gears" Kit		12
K'NEX Education "Levers & Pulleys" Kit		12
K'NEX Education "Renewable Energy" Kit		6
3D Pens with Filament & Silicone Mats		12
Microbit Starter Kit Basics about electronic components		7

<p>Microbit IOT Kit Sensors to analyze the environment</p>		<p>7</p>
<p>Microbits Sets (10 in each set) <a href="https://www.youtube.com/watch?v=ZIW_6rxYNBg&amp;t=98s">https://www.youtube.com/watch?v=ZIW_6rxYNBg&amp;t=98s</a></p>		<p>6</p>
<p>LEGO "MINDSTORMS" EV3 Robotics Kit</p>		<p>10</p>
<p>SPHERO EDU "SPRK + Power Pack Kit (12 Spheros in each) with Educator Guide</p>		<p>1</p>
<p>SPHERO EDU "Bolt + Power Pack Kit (15 Spheros in each) with Educator Guide <a href="https://www.youtube.com/watch?v=aPXuEghyr3w&amp;t=1s">https://www.youtube.com/watch?v=aPXuEghyr3w&amp;t=1s</a> <a href="https://www.youtube.com/watch?v=3LKfJeOmsXI&amp;list=PLSdn63ba-PIYInVxC4I4Is7E8a3oNE37f&amp;index=2">https://www.youtube.com/watch?v=3LKfJeOmsXI&amp;list=PLSdn63ba-PIYInVxC4I4Is7E8a3oNE37f&amp;index=2</a></p>		<p>4</p>

<p style="text-align: center;">SPHERO RVR Cars with Educator Guide</p> <p style="text-align: center;"><a href="https://www.youtube.com/watch?v=ugk0A02P8ww">https://www.youtube.com/watch?v=ugk0A02P8ww</a></p>		<p style="text-align: center;">12</p>
<p style="text-align: center;">Sphero Coding Activity Map City and Golf</p>		<p style="text-align: center;">3</p>
<p style="text-align: center;">Sphero Coding Activity Map Space and Soccer</p>		<p style="text-align: center;">3</p>
<p style="text-align: center;">Sphero Terrain Park</p>		<p style="text-align: center;">15</p>
<p style="text-align: center;">Sphero Computer Science Foundations Course 1, 2 and 3</p>		<p style="text-align: center;">2 of Each Level</p>