






## LRC Coding Equipment





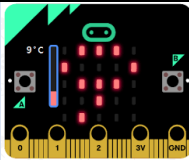
TLs with students in grade K-7 may book kits from the selections below for each of their schools. Please note that these resources are reserved for K-7 students.




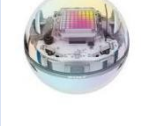
To book these you need to search in the LRC and book from there. Please book kits back-to-back so that there isn't a week or two in between bookings that reduces the number of bookings possible.






One week of priority booking is being given to TLs from Wednesday, August 31 at 3:30 when bookings open until Wednesday, September 7 at 3:30. After this day/time, classroom teachers will be allowed to book.


Please note the items highlighted in blue. These are very popular classroom kits with limited copies so please be mindful of your colleagues and sign up for a single item for each of your schools so these can be available to all students and teachers in the district (ie: request ONE set of Dash **OR** Dash and Dot for your school, but not both. One set of Sphero Bolt or ONE set of Sphero Sprk+ but not both etc.)

<b>Blue-Bots</b>			
	<u>Blue Bot</u> Single Robot (Great for getting to know it.)	1 robot	KT4595
	<u>Blue Bots</u> Set of 12	4 sets	KT4573 KT4574 KT5022 KT5023
	<u>Bee Bot</u> Single Robot	1 robot	KT4594
<b>Cubelets</b>			
	<u>Cubelets</u> 6 batteries + assorted pieces	3 sets	KT4585 KT5018 KT5019
<b>Dash and Dot</b>			
	<u>Dash</u> Set of 8 <i>"Dot" is no longer available</i>	3 sets	Dash KT4581 KT4983 KT4984
	<u>Dash and Dot</u>	1 set	Dash and Dot

	<i>Set of 8</i>		KT4580
	<u>Dash and Dot Debug'd Inclusive Coding Curriculum</u>  <i>Detailed lessons, strategies and resources designed for engaging coding experiences with the Dash and Dot robots.</i>	1 kit	KT5385
<b>Lego Mindstorms EV3</b>			
<b>Lego Mindstorms EV3</b> 	<u>Lego Mindstorms EV3</u>  Dawn Anderson has all the sets. Contact her for booking and support.	Several class sets	
<b>iPads</b>			
	iPADS can be booked through the <u>IT Help Desk</u> for the following LRC ADST kits: Mixed technology, Ozobots, Dash and Dot, Cubelets, Blue-bots, Spheros, Root Robots.		
<b>Makey-Makey</b>			
	<u>Makey-Makey</u>  <i>Set of 15</i>	2 sets	KT4587 KT5425
<b>Micro:Bits</b>			
	<u>Micro:Bits</u>  <i>Set of 15</i>	5 sets	KT4589 KT4590 KT4591 KT4592 KT4593
<b>Mixed Technology</b>			

	<p><u>Mixed Technology Robotics Exploration</u></p> <p>3 Sprk+ Spheros 6 Ozobots Cubelets (3 batteries) 1 Dash 1 Root Robot 1 Blue Bot</p>	2 kits	KT4586 KT5096
<b>Ozobots</b>			
	<p><u>Ozobots</u></p> <p><i>Set of 14</i></p>	4 sets	KT4577 KT4578 KT4579 KT5017
<b>Root Robots</b>			
	<p><u>Root Robots</u></p> <p><i>Set of 12</i></p>	5 sets	KT5012 KT5013 KT5014 KT5015 KT5133
<b>Spheros</b>			
<p>*Note: These kits no longer contain wooden pieces etc. Contact Dawn Anderson to discuss some being made for your school.</p>			
	<p><u>Spheros - BOLT</u></p> <p><i>Set of 15</i></p> <p>The Sphero BOLT is the latest product in the Sphero range and includes all the features of the SPRK+ along with the addition of a striking LED matrix and advanced sensors to track speed, acceleration and directions. The Sphero BOLT also features infrared communication, allowing it to “talk” to other BOLTs. The batteries last longer. <i>Three brand new sets have arrived and hopefully will be processed by August 31.</i></p>	4 sets	KT5328 KT5550 KT5551 KT5552

	<p><u>Spheros - Indi</u> <i>Set of 8</i></p> <p>Entry-level robot for primary grades to learn the basics of coding, problem solving and to lay the foundations for computational thinking. <i>Four brand new sets arrived and will hopefully be processed by August 31.</i></p>	<p>4 sets</p>	<p>KT5537 KT5545 KT5546 KT5547</p>
	<p><u>Spheros - Sprk+</u> <i>Set of 12</i></p> <p><i>*We have 4 sets but are keeping 2 out of circulation if replacement spheros are needed as the Sprk+ are no longer available.</i></p>	<p>2 sets</p>	<p>KT4583 KT4584</p>
	<p><u>Sphero Curling Mat</u></p> <p>1 large mat. Can be used with any type of Sphero. The maps are no longer in the Sphero kits and need to be booked separately.</p>	<p>4 maps</p>	<p>KT5538 KT5539 KT5540 KT5541</p>
	<p><u>Computer Science Foundations Course 1: Sphero Bolt</u></p> <p>Computer Science Foundations (CSF) is a supplemental, standards-aligned curriculum designed to be taught in the classroom alongside our Sphero BOLT robot.</p>	<p>2 copies</p>	<p>PL2819 PL2823</p>
	<p><u>Computer Science Foundations Course 2: Sphero Bolt</u></p> <p>Computer Science Foundations (CSF) is a supplemental, standards-aligned curriculum designed to be taught in the classroom alongside our Sphero BOLT robot. By the end of course 2, students will demonstrate a</p>	<p>2 copies</p>	<p>PL2820 PL2825</p>

	<p>mastery of block programming by manipulating sensors, loops, conditionals, variables, and functions.</p>		
	<p><u>Computer Science Foundations Course 3: Sphero Bolt</u></p> <p>Computer Science Foundations (CSF) is a supplemental, standards-aligned curriculum designed to be taught in the classroom alongside our Sphero BOLT robot. By the end of course 3, students will be able to develop complex programs with the Block Canvas and rewrite simple block programs in JavaScript.</p>	<p>1 book</p>	<p>PL2822</p>