

# Arts & Bots Workshop

## Recommended Materials List

General		
Quantity	Description	Example Images*
1 per A&B robot	BirdBrain Technologies Hummingbird Kit	<ul style="list-style-type: none"> <li><a href="http://www.birdbraintechnologies.com/">http://www.birdbraintechnologies.com/</a></li> </ul>
1 per A&B robot	Computer	<ul style="list-style-type: none"> <li><a href="http://ecx.images-amazon.com/images/I/51XL1YQ6tOL.jpg">http://ecx.images-amazon.com/images/I/51XL1YQ6tOL.jpg</a></li> <li>Additional requirements listed here: <a href="http://www.artsandbots.com/visualprogrammer/docs/VisualProgrammer_Connection_Guide.pdf">http://www.artsandbots.com/visualprogrammer/docs/VisualProgrammer_Connection_Guide.pdf</a></li> </ul>
2 per A&B robot	AC Electrical Outlet	
1 per class	Computer Projector	<ul style="list-style-type: none"> <li><a href="http://ecx.images-amazon.com/images/I/41TWXZl8p-L.jpg">http://ecx.images-amazon.com/images/I/41TWXZl8p-L.jpg</a></li> </ul>
1 per class	Computer Speakers	<ul style="list-style-type: none"> <li><a href="http://ecx.images-amazon.com/images/I/514CGK08H9L.jpg">http://ecx.images-amazon.com/images/I/514CGK08H9L.jpg</a></li> </ul>

Tools		
Quantity	Description	Example Images*
1 per 4 A&B robots	Hot Glue Guns	<ul style="list-style-type: none"> <li><a href="http://ecx.images-amazon.com/images/I/61Y3S1QD5rL.jpg">http://ecx.images-amazon.com/images/I/61Y3S1QD5rL.jpg</a></li> </ul>
2 per A&B robot	Hot Glue Sticks	<ul style="list-style-type: none"> <li><a href="http://ecx.images-amazon.com/images/I/31E2A0R563L.jpg">http://ecx.images-amazon.com/images/I/31E2A0R563L.jpg</a></li> </ul>
1 per 4 A&B robots	X-ACTO Knives	<ul style="list-style-type: none"> <li><a href="http://ecx.images-amazon.com/images/I/41P6kYl7vAL.jpg">http://ecx.images-amazon.com/images/I/41P6kYl7vAL.jpg</a></li> </ul>
1 per 4 A&B robots	Utility Knives	<ul style="list-style-type: none"> <li><a href="http://ecx.images-amazon.com/images/I/3194XDYZ2HL.jpg">http://ecx.images-amazon.com/images/I/3194XDYZ2HL.jpg</a></li> </ul>
1 per 4 A&B robots	Cutting Mat	<ul style="list-style-type: none"> <li><a href="http://ecx.images-amazon.com/images/I/51kiWvo1mGL.jpg">http://ecx.images-amazon.com/images/I/51kiWvo1mGL.jpg</a></li> </ul>
1 per 2 A&B robots	Scissors	<ul style="list-style-type: none"> <li><a href="http://ecx.images-amazon.com/images/I/31T2tRMHWIL.jpg">http://ecx.images-amazon.com/images/I/31T2tRMHWIL.jpg</a></li> </ul>
1 per 4 A&B robots	Table Cover	<ul style="list-style-type: none"> <li><a href="http://ecx.images-amazon.com/images/I/21t918RQddL.jpg">http://ecx.images-amazon.com/images/I/21t918RQddL.jpg</a></li> </ul>
1 per 4 A&B robots	All-Purpose Glue Sticks	<ul style="list-style-type: none"> <li><a href="http://ecx.images-amazon.com/images/I/31CaXPc1oxL.jpg">http://ecx.images-amazon.com/images/I/31CaXPc1oxL.jpg</a></li> </ul>
1 per 10 A&B robots	Phillips Screwdriver	<ul style="list-style-type: none"> <li><a href="http://ecx.images-amazon.com/images/I/51f-5C6k-kL.jpg">http://ecx.images-amazon.com/images/I/51f-5C6k-kL.jpg</a></li> </ul>
1 per 10 A&B robots	Wire Strippers	<ul style="list-style-type: none"> <li><a href="http://ecx.images-amazon.com/images/I/41zxxY83rML.jpg">http://ecx.images-amazon.com/images/I/41zxxY83rML.jpg</a></li> </ul>

Craft Materials		
Quantity	Description	Example Images*
Instructor's discretion	Decorative Materials (i.e., wiggle "googly" eyes, colored pipe cleaners, feathers, sequins, jingle bells, fabrics, colored construction paper, craft foam, etc.)	<ul style="list-style-type: none"> <li><a href="http://ecx.images-amazon.com/images/I/519KiOdyh5L.jpg">http://ecx.images-amazon.com/images/I/519KiOdyh5L.jpg</a></li> <li><a href="http://ecx.images-amazon.com/images/I/51va3L7WI9L.jpg">http://ecx.images-amazon.com/images/I/51va3L7WI9L.jpg</a></li> <li><a href="http://ecx.images-amazon.com/images/I/71SXPY9-5DL.jpg">http://ecx.images-amazon.com/images/I/71SXPY9-5DL.jpg</a></li> <li><a href="http://ecx.images-amazon.com/images/I/51Mqlvzo8yL.jpg">http://ecx.images-amazon.com/images/I/51Mqlvzo8yL.jpg</a></li> <li><a href="http://ecx.images-amazon.com/images/I/51xNMovTKbL.jpg">http://ecx.images-amazon.com/images/I/51xNMovTKbL.jpg</a></li> <li><a href="http://ecx.images-amazon.com/images/I/71oPfdMtp5L.jpg">http://ecx.images-amazon.com/images/I/71oPfdMtp5L.jpg</a></li> </ul>
Instructor's discretion	Structural Materials (i.e., cardboard, foam board, recycled boxes, recycled bottles, craft sticks, etc.)	<ul style="list-style-type: none"> <li><a href="http://ecx.images-amazon.com/images/I/71OQMPCpF3L.jpg">http://ecx.images-amazon.com/images/I/71OQMPCpF3L.jpg</a></li> <li><a href="http://ecx.images-amazon.com/images/I/4101n2zUgzL.jpg">http://ecx.images-amazon.com/images/I/4101n2zUgzL.jpg</a></li> <li><a href="http://ecx.images-amazon.com/images/I/31RG8FxiR3L.jpg">http://ecx.images-amazon.com/images/I/31RG8FxiR3L.jpg</a></li> <li><a href="http://ecx.images-amazon.com/images/I/41u-RZ-PNRL.jpg">http://ecx.images-amazon.com/images/I/41u-RZ-PNRL.jpg</a></li> </ul>
Instructor's discretion	Markers	<ul style="list-style-type: none"> <li><a href="http://ecx.images-amazon.com/images/I/51pdtPw4zL.jpg">http://ecx.images-amazon.com/images/I/51pdtPw4zL.jpg</a></li> </ul>
Instructor's discretion	Split Pin "Brad" Fasteners	<ul style="list-style-type: none"> <li><a href="http://ecx.images-amazon.com/images/I/81iOLcTQtWL.jpg">http://ecx.images-amazon.com/images/I/81iOLcTQtWL.jpg</a></li> </ul>
Instructor's discretion	Masking Tape	<ul style="list-style-type: none"> <li><a href="http://ecx.images-amazon.com/images/I/61nEol-HGVL.jpg">http://ecx.images-amazon.com/images/I/61nEol-HGVL.jpg</a></li> </ul>

\* Links to example images for reference only - no specific materials are required for Arts & Bots beyond the Hummingbird Kits.