## Sam Fox School Shop Resources

<table>
<thead>
<tr>
<th>Lewis Center Woodshop Equipment</th>
<th>Item</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Drill Master router and table</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Steel city spindle sander</td>
<td></td>
</tr>
<tr>
<td></td>
<td>10” Delta table saw</td>
<td></td>
</tr>
<tr>
<td></td>
<td>10” Delta miter saw</td>
<td></td>
</tr>
<tr>
<td></td>
<td>12” Dewalt slide miter saw</td>
<td></td>
</tr>
<tr>
<td></td>
<td>14” Dayton band saw</td>
<td></td>
</tr>
<tr>
<td></td>
<td>3’ Boise Crane wood lathe</td>
<td></td>
</tr>
<tr>
<td></td>
<td>8” Delta joiner</td>
<td></td>
</tr>
<tr>
<td></td>
<td>6” x 12” Dayton combination sander</td>
<td></td>
</tr>
<tr>
<td></td>
<td>15” Westward drill press</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Lewis Center Metal Shop Equipment</th>
<th>Item</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>16 ton Central Hydraulics pipe bender</td>
<td></td>
</tr>
<tr>
<td></td>
<td>3’ Pexto rolling machine</td>
<td></td>
</tr>
<tr>
<td></td>
<td>3” Pexto metal shear</td>
<td></td>
</tr>
<tr>
<td></td>
<td>6” x 12” Delta combination sander</td>
<td></td>
</tr>
<tr>
<td></td>
<td>19” Delta band saw</td>
<td></td>
</tr>
<tr>
<td></td>
<td>15” Delta drill press</td>
<td></td>
</tr>
<tr>
<td></td>
<td>14” Milwaukee cut off saw</td>
<td></td>
</tr>
<tr>
<td></td>
<td>36” box bead blaster</td>
<td></td>
</tr>
<tr>
<td></td>
<td>6” bench grinder</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Acetylene torches (1 set)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>50 amp Dayton plasma cutter</td>
<td></td>
</tr>
<tr>
<td></td>
<td>212 Millermatic auto set mig welder</td>
<td></td>
</tr>
<tr>
<td></td>
<td>225 L-TEC mig welder</td>
<td></td>
</tr>
<tr>
<td></td>
<td>225 amp Lincoln “buzz box” stick welder</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Lewis Center Island Press Printmaking Workshop</th>
<th>Item</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Epson Stylus Pro 9900 printer</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Hand crank litho press</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Large etching press</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Givens Room 3 Architecture Fabrication Shop</th>
<th>Item</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Jet 2000 AFS (3)</td>
<td>Internal air filtration units</td>
</tr>
<tr>
<td></td>
<td>External vented snorkels (4)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>7 HP environmental controls</td>
<td>Central dust collection</td>
</tr>
<tr>
<td></td>
<td>10” Delta table saw</td>
<td></td>
</tr>
<tr>
<td></td>
<td>7-1/4” Saw Trax panel saw</td>
<td></td>
</tr>
<tr>
<td></td>
<td>10” Saw Stop cabinet table saw</td>
<td></td>
</tr>
<tr>
<td></td>
<td>20” Mini Max band saw</td>
<td></td>
</tr>
<tr>
<td></td>
<td>14” Rikon band saw</td>
<td></td>
</tr>
</tbody>
</table>
### Givens Room 3
**Architecture Fabrication Shop (cntd.)**

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>10” Delta band saw</td>
<td></td>
</tr>
<tr>
<td>10” Bosch compound sliding miter saw</td>
<td></td>
</tr>
<tr>
<td>10” Hitachi power miter saw</td>
<td></td>
</tr>
<tr>
<td>Hammer A3-31 12” jointer/planer</td>
<td></td>
</tr>
<tr>
<td>Jet vert. Mil drill</td>
<td></td>
</tr>
<tr>
<td>14” Delta drill press</td>
<td></td>
</tr>
<tr>
<td>Bench dog router table</td>
<td></td>
</tr>
<tr>
<td>Delta hollow chisel mortise station</td>
<td></td>
</tr>
<tr>
<td>48” x 6” edge belt sander</td>
<td></td>
</tr>
<tr>
<td>2” Proxxon table saw</td>
<td></td>
</tr>
<tr>
<td>3” Proxxon chop saw</td>
<td></td>
</tr>
<tr>
<td>Proxxon hot wire cutter (3)</td>
<td></td>
</tr>
<tr>
<td>Magnabender sheet metal break 48”</td>
<td></td>
</tr>
<tr>
<td>Traditional 48” leaf break</td>
<td></td>
</tr>
<tr>
<td>38” Tensmith foot shear</td>
<td></td>
</tr>
<tr>
<td>J&amp;L pivoting liquid cooled 7x7 inch horizontal band saw</td>
<td></td>
</tr>
<tr>
<td>14” Jet vertical band saw (for metal only)</td>
<td></td>
</tr>
<tr>
<td>Hossfield bender #1</td>
<td></td>
</tr>
<tr>
<td>Millermatic 150 amp mig</td>
<td></td>
</tr>
<tr>
<td>Millermatic 85 amp mig</td>
<td></td>
</tr>
<tr>
<td>Miller 135 amp portable mig</td>
<td></td>
</tr>
<tr>
<td>Miller shopmatic 15 tig, stick welder</td>
<td></td>
</tr>
<tr>
<td>Victor oxy acetylene torches</td>
<td></td>
</tr>
<tr>
<td>Delta and J&amp;L pedestal grinders, polishers</td>
<td></td>
</tr>
<tr>
<td>Delta hand sander, edge conditioner</td>
<td></td>
</tr>
</tbody>
</table>

*The above inventory is complemented by a hand power tool inventory (pneumatic and electric) of over 50 common and specialized tools for use in the shop and at specific sites outside the shop.*

### Givens Room 4
**Digital Fabrication Facility**

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Universal laser systems x-660</td>
<td>Laser cutters with dedicated exterior exhaust systems</td>
</tr>
<tr>
<td>Universal laser systems PLS120 D 60 watt (2)</td>
<td></td>
</tr>
<tr>
<td>Dimension BST 3D printer</td>
<td></td>
</tr>
<tr>
<td>Stratasys Fortus FDM 200</td>
<td>Soluble support machine</td>
</tr>
<tr>
<td>Item</td>
<td>Description</td>
</tr>
<tr>
<td>------</td>
<td>-------------</td>
</tr>
<tr>
<td>MakerBot 3D printer</td>
<td></td>
</tr>
<tr>
<td>Axyz 60x96 15 HP CNC router</td>
<td>Vacuum table hold down</td>
</tr>
<tr>
<td>36”x36” heated platen oven</td>
<td>For thermo-forming</td>
</tr>
<tr>
<td>48”x96” silicone bag vacuum frame press</td>
<td>For plastics forming</td>
</tr>
</tbody>
</table>

**Givens Room 4 Digital Fabrication Facility (cntd.)**

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Panel Saw, Milwaukee Model 6480-20, 1¼ X 48 inches</td>
<td></td>
</tr>
<tr>
<td>Table Saw, 10 inch, Delta Unisaw, 64 X67 inch table</td>
<td></td>
</tr>
<tr>
<td>Compound Miter Saw, 10 inch, Hitachi (2)</td>
<td></td>
</tr>
<tr>
<td>Band Saw, Delta, 28-254, 14X93½, Blade</td>
<td></td>
</tr>
<tr>
<td>Band Saw, Powermatic, PWBS-14, 14X93½ Blade</td>
<td></td>
</tr>
<tr>
<td>Scroll Saw, Dewalt, DW788, 2¼ X19½ inch throat</td>
<td></td>
</tr>
<tr>
<td>Combination Sander, 6X48 inch belt &amp; 12 diameter disk</td>
<td></td>
</tr>
<tr>
<td>Spindle Sander, Jet, ¼, 3/32, ½, ¾, ¾, 1½, 2 &amp; 3” inch spindles</td>
<td></td>
</tr>
<tr>
<td>Drill Doctor, DD-500: 3/32 to ¾ inch twist drills</td>
<td></td>
</tr>
<tr>
<td>Delta Model, 23-275 8 Inch, 60 &amp; 120 Grit wheels</td>
<td></td>
</tr>
<tr>
<td>Jet, Model JB8-8A: 8 Inch, 180 Grit Silicon Carbide &amp; 20,000 Grit Rouge Wheels</td>
<td></td>
</tr>
<tr>
<td>Column Drill, Woodtek, 3/32 to ½ inch chuck, ¾ Hp, 12 speed</td>
<td></td>
</tr>
<tr>
<td>Super Sawzall, Milwaukee, 9.5 Amps, Model 6527</td>
<td></td>
</tr>
<tr>
<td>Saber Saw, 6.4 Amps, Bosch 1590EVS (4)</td>
<td></td>
</tr>
<tr>
<td>Circular Saw, 7¼ inch, 13 Amps, Milwaukee, Model 6365</td>
<td></td>
</tr>
<tr>
<td>Sanding Equipment, 3 X 21 inch Belt, 120 Volts</td>
<td></td>
</tr>
<tr>
<td>Sanding Equipment, Random Orbit, 120 Volts</td>
<td></td>
</tr>
<tr>
<td>Angle Grinder, Makita 90005B Electric, 5 inch Disk</td>
<td></td>
</tr>
<tr>
<td>Die Grinder, Scintilla SA, ¼ inch collet, 27,000 RPM</td>
<td></td>
</tr>
<tr>
<td>Die grinder, TTC, Pneumatic, ¼ inch collet, 22,000 RPM</td>
<td></td>
</tr>
<tr>
<td>Die Grinder, Dremel, Model 4000, 30,000 RPM, 1/16 to 1/8 inch collet (2)</td>
<td></td>
</tr>
<tr>
<td>Die Grinder, Dremel, Type 5, 30,000 RPM, 1/16 to 1/8 inch collet</td>
<td></td>
</tr>
<tr>
<td>Magnum Holeshooter, Milwaukee, 5.6 A, 860 RPM, ½ inch chuck</td>
<td></td>
</tr>
<tr>
<td>Skil drill, 3 A, 0-2500 RPM, 3/8 inch chuck (3)</td>
<td></td>
</tr>
<tr>
<td>Hitachi drill, 6 A, 0-2500 RPM, 3/8 inch chuck</td>
<td></td>
</tr>
<tr>
<td>Makita drill, 4.9 A, 0-2500 RPM, 3/8 inch chuck</td>
<td></td>
</tr>
<tr>
<td>Drill Driver, Milwaukee, 14.4 Volts, 0-500 &amp; 0-1700 RPM, ½ inch chuck</td>
<td></td>
</tr>
</tbody>
</table>