

FASTENING		
Hot glue gun, and glue sticks		For light duty mechanical bonds. Can be used as a temporary water seal or to
Zip Ties, assorted lengths		For temporary fixturing. Versatile and strong.
Staple gun, and supply of staples		For stapling thin materials, including paper and cloth, to other materials, usually wood, or soft plastics.
White glue		General purpose glue, best for paper and cardboard applications.
Wood glue		For gluing wood. Thicker than white glue.
Epoxy General purpose, quick-set two-part epoxy		Multi-surface adhesive that can also fill cracks and missing parts. Two-part formulation comes with a variety of work times, such as 5 and 30 minute, then a longer set time for the adhesive to reach full strength. Very strong, difficult to clean up
Multi-surface glue such as gorilla glue		General purpose/all-purpose glue. Can be used to bond different materials. Dries messy.

<p>Spray adhesive such as 3M Super 77 multipurpose adhesive</p>		<p>To mount thin and light objects onto another surface.</p>
<p>Machine Screws, Hex nuts, Flat Washers, Lock Washers Good to stock screw lengths ranging from ½" long to 1 ½" long, pan head Phillips</p>		<p>Good for fastening components that can be taken apart later. Best for metal and plastics. Multiple sizes, if all one screw size, use #8.</p>
<p>Self-tapping screws Good to stock lengths ranging from ½" long to 2" long, pan head Phillips</p>		<p>For screwing soft materials together, including plastics and thin aluminum. Pilot hole can be helpful.</p>
<p>Flat-head wood screws, ¾" length to 2" length</p>		<p>For screwing wood together, or attaching thin materials to wood. Drilling a pilot hole can help keep wood from splitting.</p>
<p>String or rope</p>		<p>Useful to have for typing, measuring, prototyping, decorating, and other assorted things.</p>
<p>Tap and Die set (SAE) Threads</p>		<p>For creating threads in materials. Taps create threaded holes that can take screws. Dies create thread on rods that can fit with nuts and threaded objects.</p>
<p>Velcro</p>		<p>For removable, lightweight fastening. Backing is cloth or adhesive. The rough side is the hook, the soft side is the loops.</p>