

OCTELAB SAFETY NET

APPENDIX A - PROJECT / LEARNING ACTIVITY MATERIALS, PHYSICAL RESOURCES

PROJECT / LEARNING ACTIVITY TITLE: 2 Piece Pen

COURSE CODE AND TITLE: TMJ3M1 Manufacturing Technology

VERSION PREPARED DATE: March 2012

SUBMITTED BY: Wes Palmer, Philip Pocock CSS, Dufferin-Peel Catholic District School Board

CONTACT: wes.palmer60@gmail.com or Wesley.palmer@dpcdsb.org

PROJECT / LEARNING ACTIVITY MATERIALS LIST FOR THIS PROJECT / LEARNING ACTIVITY

MATERIAL	QUANTITY	DESCRIPTION	SOURCE	WHMIS MSDS ATTACHED	SAFE STORAGE	WASTE DISPOSAL
Aluminium Rod	2 per student / pen.	0.625 inch Diameter 4 inches long	<input checked="" type="checkbox"/> new, purchased <input type="checkbox"/> new, donated from community, industry <input type="checkbox"/> recycled from inside school <input type="checkbox"/> recycled from outside school PREPARATION REQUIRED FOR USE: none DETAILS: Students will cut long rod into 4 inch lengths as part of the assignment.	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	Storage rack for long bars, storage box on shelf in cabinet once cut to length.	Metal recycling bin
Brass Rod	1 per student / pen.	.250 inch diameter to make rings that fit between the two pen halves.	<input checked="" type="checkbox"/> new, purchased <input type="checkbox"/> new, donated from community, industry <input type="checkbox"/> recycled from inside school <input type="checkbox"/> recycled from outside school PREPARATION REQUIRED FOR USE: none DETAILS: Students will cut rod to length as required when needed.	N/A	Storage rack for long bars, storage box on shelf in cabinet	Metal recycling bin

PHYSICAL RESOURCES USED FOR THIS PROJECT / LEARNING ACTIVITY

EQUIPMENT, TOOL, MACHINE	SUBJECT – SPECIFIC NEEDS	INSPECTED FOR SAFETY FEATURES	STUDENT TRAINING PLAN IDENTIFIED	MAINTENANCE SCHEDULE
<p>NOTE: TEACHER EXPERIENCE AND SAFETY PROFICIENCY IS ASSUMED.</p> <p>DETAIL EQUIPMENT:</p> <p>Metal Lathe</p> <p>MANUAL APPLICABLE / AVAILABLE (LOCATION): In main Machinery Binder in classroom cupboard.</p>	<p>MACHINE GUARDING AND SHIELDING APPLICABLE</p> <p><input checked="" type="checkbox"/> YES</p> <p><input type="checkbox"/> NO</p> <p><input type="checkbox"/> N/A</p> <p>EMERGENCY STOP / PANIC BUTTON APPLICABLE</p> <p><input checked="" type="checkbox"/> YES</p> <p><input type="checkbox"/> NO</p> <p><input type="checkbox"/> N/A</p> <p>LOCK-OUT TAG APPLICABLE</p> <p><input checked="" type="checkbox"/> YES</p> <p><input type="checkbox"/> NO</p> <p><input type="checkbox"/> N/A</p> <p>OTHER (SUBJECT-SPECIFIC)</p> <p><input type="checkbox"/> YES</p> <p><input type="checkbox"/> NO</p> <p><input type="checkbox"/> N/A</p>	<p><input checked="" type="checkbox"/> Teacher</p> <p>DATE:</p> <p>Daily</p> <p><input checked="" type="checkbox"/> Board</p> <p>DATE:</p> <p>Monthly</p>	<p>DETAIL STEPS:</p> <p>Powerpoint.</p> <p>DVD</p> <p>Teacher hands on instruction and demonstration.</p> <p>Practice exercise on machine under teacher supervision.</p> <p>Practical test.</p> <p>SIGNAGE:</p> <p>Lock-out procedure</p> <p>Eye protection sign</p> <p>RESOURCES:</p> <p>Machining DVD</p> <p>Powerpoint</p> <p>FREQUENCY OF RETRAINING ADVISED:</p> <p>Every semester and when deemed necessary by teacher through observation.</p>	<p>DAILY:</p> <p>Daily by students</p> <p>WEEKLY:</p> <p>Mondays by Teacher</p> <p>MONTHLY:</p> <p>By teacher</p> <p>ANNUALLY:</p> <p>By Teacher</p> <p>CONTACT FOR REPAIR:</p> <p>Varies</p>