

OCTELAB SAFETY NET

APPENDIX A - PROJECT / LEARNING ACTIVITY MATERIALS, PHYSICAL RESOURCES

PROJECT / LEARNING ACTIVITY TITLE: [Residential Model Building Project](#)

COURSE CODE AND TITLE: [TDJ4M](#)

VERSION PREPARED DATE: [June 2012](#)

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

MATERIAL	QUANTITY	DESCRIPTION	SOURCE	WHMIS MSDS ATTACHED	SAFE STORAGE	WASTE DISPOSAL
cardboard	5 sheets annually NOTE: smaller sizes are available if storage is an issue	¼ inch honey comb double 4' x 8' sheets	[X] new, purchased [] new, donated from community, industry [] recycled from inside school [] recycled from outside school PREPARATION REQUIRED FOR USE: DETAILS:	[] Y [X] N	material storage area	reuse whenever possible or dispose through recycling
foamboard	50 sheets annually NOTE: a variety	White Acid-Free Foam Board,	[X] new, purchased [] new, donated from community, industry [] recycled from inside school [] recycled from outside school	[] Y [X] N	material storage area	reuse whenever possible or dispose through recycling

	of sizes are available	20"x30"- 2pk	PREPARATION REQUIRED FOR USE: DETAILS:			
door skin	5 sheets	4' x 8' door skins are optional and probably best used if donated... costly when purchased	<input type="checkbox"/> new, purchased <input checked="" 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: DETAILS:	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	material storage area	reuse whenever possible
basswood or pre-cut scrap wood from construction shop	quantities dependant on number of projects	note that if funds are an issue, work with construction group to pre-cut construction grade 2 x 4s into required sizes	<input type="checkbox"/> new, purchased <input checked="" 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: DETAILS: scrap wood is easily available from community or from school/board construction shops	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	material storage area	recycle whenever possible
plexiglass	quantities dependant on number of projects	due to costs, plexiglass should be used only if readily available through donations	<input type="checkbox"/> new, purchased <input checked="" 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: DETAILS:	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	material storage area	recycle whenever possible
textured Styrene Sheets	assortment of 5 sheets per texture	brick, stone, siding, roofing, etc.	<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:	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	material storage area	recycle whenever possible

			DETAILS:			
fillers	250 ml	<ul style="list-style-type: none"> ● wood fillers ● plastic fillers 	<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: DETAILS: http://www.elmers.com/products/sealants-and-compounds/	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	Storage Cabinet	standard waste
adhesives	<ul style="list-style-type: none"> ● 250 ml wood glue ● 10 glue sticks ● 10 rolls of 1" masking tape ● glue sticks 	<ul style="list-style-type: none"> ● carpenter's glue ● glue sticks ● masking tape ● two-way tape 	<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: DETAILS: http://www.elmers.com/products/sealants-and-compounds/	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	Storage Cabinet	standard waste
lettering	assortment as required	<ul style="list-style-type: none"> ● dry transfer lettering, ● vinyl cutout lettering, decals 				

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: Drill Press</p> <p>MANUAL APPLICABLE / AVAILABLE (LOCATION): Classroom Filing Cabinet</p>	<p>MACHINE GUARDING AND SHIELDING APPLICABLE</p> <p>[<input checked="" type="checkbox"/>] YES [<input type="checkbox"/>] NO [<input type="checkbox"/>] N/A</p> <p>EMERGENCY STOP / PANIC BUTTON APPLICABLE</p> <p>[<input checked="" type="checkbox"/>] YES [<input type="checkbox"/>] NO [<input type="checkbox"/>] N/A</p> <p>LOCK-OUT TAG APPLICABLE</p> <p>[<input checked="" type="checkbox"/>] YES [<input type="checkbox"/>] NO [<input type="checkbox"/>] N/A</p> <p>OTHER (SUBJECT-SPECIFIC)</p> <p>[<input type="checkbox"/>] YES [<input type="checkbox"/>] NO [<input type="checkbox"/>] N/A</p>	<p>[<input type="checkbox"/>] Teacher DATE: _____</p> <p>[<input checked="" type="checkbox"/>] Board DATE: Fall 2011</p>	<p>DETAIL STEPS: <u>Four-Step Process:</u></p> <ol style="list-style-type: none"> 1 Student attended teacher safety instructions, lessons, demonstration (notes recorded) 2 student passed oral or written assessment (test) 3 student demonstrated safe setup and operation of equipment to teacher 4 student granted permission to use equipment <p>SIGNAGE: safety sign posted by drill presses</p> <p>RESOURCES:</p> <ul style="list-style-type: none"> ● safety lesson ● drill press safety video ● safety passport ● drill press manual <p>FREQUENCY OF RETRAINING ADVISED: Students should be re-trained every semester. Safety passport</p>	<p>DAILY:</p> <p>WEEKLY:</p> <p>MONTHLY:</p> <p>ANNUALLY: scheduled maintenance two times per year or as required</p> <p>CONTACT FOR REPAIR: handled through board Plant dept.</p>

			expires at the end of every semester.	
<p>NOTE: TEACHER EXPERIENCE AND SAFETY PROFICIENCY IS ASSUMED.</p> <p>DETAIL EQUIPMENT: Bandsaw</p> <p>MANUAL APPLICABLE / AVAILABLE (LOCATION): Classroom Filing Cabinet</p>	<p>MACHINE GUARDING AND SHIELDING APPLICABLE</p> <p><input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A</p> <p>EMERGENCY STOP / PANIC BUTTON APPLICABLE</p> <p><input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A</p> <p>LOCK-OUT TAG APPLICABLE</p> <p><input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A</p> <p>OTHER (SUBJECT-SPECIFIC)</p> <p><input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A</p>	<p><input type="checkbox"/> Teacher DATE:</p> <hr/> <p><input checked="" type="checkbox"/> Board DATE: Fall 2011</p>	<p>DETAIL STEPS: <u>Four-Step Process:</u></p> <ol style="list-style-type: none"> 1 Student attended teacher safety instructions, lessons, demonstration (notes recorded) 2 student passed oral or written assessment (test) 3 student demonstrated safe setup and operation of equipment to teacher 4 student granted permission to use equipment <p>SIGNAGE: safety sign posted by bandsaws</p> <p>RESOURCES:</p> <ul style="list-style-type: none"> ● safety lesson ● safety video ● safety passport ● manual <p>FREQUENCY OF RETRAINING ADVISED: Students should be re-trained every semester. Safety passport expires at the end of every semester.</p>	<p>DAILY:</p> <p>WEEKLY:</p> <p>MONTHLY:</p> <p>ANNUALLY: scheduled maintenance two times per year or as required</p> <p>CONTACT FOR REPAIR: handled through board Plant dept.</p>

<p>NOTE: TEACHER EXPERIENCE AND SAFETY PROFICIENCY IS ASSUMED.</p> <p>DETAIL EQUIPMENT: Scroll Saw</p> <p>MANUAL APPLICABLE / AVAILABLE (LOCATION):</p>	<p>MACHINE GUARDING AND SHIELDING APPLICABLE</p> <p><input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A</p> <p>EMERGENCY STOP / PANIC BUTTON APPLICABLE</p> <p><input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A</p> <p>LOCK-OUT TAG APPLICABLE</p> <p><input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A</p> <p>OTHER (SUBJECT-SPECIFIC)</p> <p><input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A</p>	<p><input type="checkbox"/> Teacher DATE:</p> <hr/> <p><input checked="" type="checkbox"/> Board DATE: Fall 2011</p>	<p>DETAIL STEPS: <u>Four-Step Process:</u></p> <ol style="list-style-type: none"> 1 Student attended teacher safety instructions, lessons, demonstration (notes recorded) 2 student passed oral or written assessment (test) 3 student demonstrated safe setup and operation of equipment to teacher 4 student granted permission to use equipment <p>SIGNAGE: safety sign posted by scroll saws</p> <p>RESOURCES:</p> <ul style="list-style-type: none"> ● safety lesson ● safety video ● safety passport ● scroll saw manual <p>FREQUENCY OF RETRAINING ADVISED: Students should be re-trained every semester. Safety passport expires at the end of every semester.</p>	<p>DAILY:</p> <p>WEEKLY:</p> <p>MONTHLY:</p> <p>ANNUALLY: scheduled maintenance two times per year or as required</p> <p>CONTACT FOR REPAIR: handled through board Plant dept.</p>
<p>NOTE: TEACHER EXPERIENCE AND SAFETY PROFICIENCY IS ASSUMED.</p> <p>DETAIL EQUIPMENT:</p>	<p>MACHINE GUARDING AND SHIELDING APPLICABLE</p> <p><input type="checkbox"/> YES</p>	<p><input checked="" type="checkbox"/> Teacher visual and functional inspection on a per use basis</p>	<p>DETAIL STEPS: <u>Four Step Process:</u></p> <ol style="list-style-type: none"> 1 Student attended teacher safety instructions, lessons, 	<p>DAILY: after use... proper cleaning and storage</p>

(LOCATION):	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> N/A LOCK-OUT TAG APPLICABLE <input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> N/A OTHER (SUBJECT-SPECIFIC) <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A		setup and operation of equipment to teacher 4 student granted permission to use equipment SIGNAGE: N/A RESOURCES: <ul style="list-style-type: none"> ● safety lesson ● safety video ● safety passport FREQUENCY OF RETRAINING ADVISED: Students should be re-trained every semester. Safety passport expires at the end of every semester.	ANNUALLY: CONTACT FOR REPAIR: handled through board Plant dept.
NOTE: TEACHER EXPERIENCE AND SAFETY PROFICIENCY IS ASSUMED. DETAIL EQUIPMENT: hand tools MANUAL APPLICABLE / AVAILABLE (LOCATION):	MACHINE GUARDING AND SHIELDING APPLICABLE <input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> N/A EMERGENCY STOP / PANIC BUTTON APPLICABLE <input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> N/A	<input checked="" type="checkbox"/> Teacher visual and functional inspection on a per use basis	DETAIL STEPS: <u>Four-Step Process:</u> 1 Student attended teacher safety instructions, lessons, demonstration(notes recorded) 2 student passed oral or written assessment (test) 3 student demonstrated safe setup and operation of equipment to teacher 4 student granted permission to use equipment	DAILY: WEEKLY: MONTHLY: ANNUALLY:

	<p>LOCK-OUT TAG APPLICABLE</p> <p>[] YES [] NO [X] N/A</p> <p>OTHER (SUBJECT-SPECIFIC)</p> <p>[] YES [] NO [] N/A</p>		<p>SIGNAGE: N/A</p> <p>RESOURCES:</p> <ul style="list-style-type: none"> ● safety lesson ● safety video ● safety passport <p>FREQUENCY OF RETRAINING ADVISED: Students should be re-trained every semester. Safety passport expires at the end of every semester.</p>	CONTACT FOR REPAIR:
<p>NOTE: TEACHER EXPERIENCE AND SAFETY PROFICIENCY IS ASSUMED.</p> <p>DETAIL EQUIPMENT: small hand saws</p> <p>MANUAL APPLICABLE / AVAILABLE (LOCATION):</p>	<p>MACHINE GUARDING AND SHIELDING APPLICABLE</p> <p>[] YES [] NO [X] N/A</p> <p>EMERGENCY STOP / PANIC BUTTON APPLICABLE</p> <p>[] YES [] NO [X] N/A</p> <p>LOCK-OUT TAG APPLICABLE</p> <p>[] YES</p>	<p>[X] Teacher visual and functional inspection on a per use basis</p>	<p>DETAIL STEPS:</p> <p><u>Four-Step Process:</u></p> <ol style="list-style-type: none"> 1 Student attended teacher safety instructions, lessons, demonstration (notes recorded) 2 student passed oral or written assessment (test) 3 student demonstrated safe setup and operation of equipment to teacher 4 student granted permission to use equipment <p>SIGNAGE: N/A</p> <p>RESOURCES:</p>	<p>DAILY:</p> <p>WEEKLY:</p> <p>MONTHLY:</p> <p>ANNUALLY:</p> <p>CONTACT FOR REPAIR:</p>

	<input type="checkbox"/> NO <input checked="" type="checkbox"/> N/A OTHER (SUBJECT-SPECIFIC) <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A		<ul style="list-style-type: none"> ● safety lesson ● safety video ● safety passport FREQUENCY OF RETRAINING ADVISED: Students should be re-trained every semester. Safety passport expire at the end of every semester.	
NOTE: TEACHER EXPERIENCE AND SAFETY PROFICIENCY IS ASSUMED. DETAIL EQUIPMENT: measuring tools MANUAL APPLICABLE / AVAILABLE (LOCATION):	MACHINE GUARDING AND SHIELDING APPLICABLE <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A EMERGENCY STOP / PANIC BUTTON APPLICABLE <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A LOCK-OUT TAG APPLICABLE <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A	<input checked="" type="checkbox"/> Teacher visual and functional inspection on a per use basis	DETAIL STEPS: <u>Four-Step Process:</u> 1 Student attended teacher safety instructions, lessons, demonstration (notes recorded) 2 student passed oral or written assessment (test) 3 student demonstrated safe setup and operation of equipment to teacher 4 student granted permission to use equipment SIGNAGE: N/A RESOURCES: <ul style="list-style-type: none"> ● safety lesson ● safety video ● safety passport 	DAILY: after use... proper cleaning and storage WEEKLY: MONTHLY: ANNUALLY: CONTACT FOR REPAIR:

	OTHER (SUBJECT-SPECIFIC) <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A		FREQUENCY OF RETRAINING ADVISED: Students should be re-trained every semester. Safety passport expire at the end of every semester.	
NOTE: TEACHER EXPERIENCE AND SAFETY PROFICIENCY IS ASSUMED. DETAIL EQUIPMENT: knives (utility, ex-acto, etc.) MANUAL APPLICABLE / AVAILABLE (LOCATION):	MACHINE GUARDING AND SHIELDING APPLICABLE <input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> N/A EMERGENCY STOP / PANIC BUTTON APPLICABLE <input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> N/A LOCK-OUT TAG APPLICABLE <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A OTHER (SUBJECT-SPECIFIC) <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A	<input type="checkbox"/> Teacher DATE: _____ <input type="checkbox"/> Board DATE: _____	DETAIL STEPS: <u>Four-Step Process:</u> 1 Student attended teacher safety instructions, lessons, demonstration(notes recorded) 2 student passed oral or written assessment (test) 3 student demonstrated safe setup and operation of equipment to teacher 4 student granted permission to use equipment SIGNAGE: N/A RESOURCES: ● safety lesson ● safety video ● safety passport FREQUENCY OF RETRAINING ADVISED: Students should be re-trained every semester. Safety passport expires at the end of every semester.	DAILY: WEEKLY: MONTHLY: ANNUALLY: CONTACT FOR REPAIR:

<p>NOTE: TEACHER EXPERIENCE AND SAFETY PROFICIENCY IS ASSUMED.</p> <p>DETAIL EQUIPMENT: scissors and shears</p> <p>MANUAL APPLICABLE / AVAILABLE (LOCATION):</p>	<p>MACHINE GUARDING AND SHIELDING APPLICABLE</p> <p><input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A</p> <p>EMERGENCY STOP / PANIC BUTTON APPLICABLE</p> <p><input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A</p> <p>LOCK-OUT TAG APPLICABLE</p> <p><input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A</p> <p>OTHER (SUBJECT-SPECIFIC)</p> <p><input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A</p>	<p><input type="checkbox"/> Teacher DATE: _____</p> <p><input type="checkbox"/> Board DATE: _____</p>	<p>DETAIL STEPS: <u>Four-Step Process:</u></p> <ol style="list-style-type: none"> 1 Student attended teacher safety instructions, lessons, demonstration (notes recorded) 2 student passed oral or written assessment (test) 3 student demonstrated safe setup and operation of equipment to teacher 4 student granted permission to use equipment <p>SIGNAGE: N/A</p> <p>RESOURCES:</p> <ul style="list-style-type: none"> ● safety lesson ● safety video ● safety passport <p>FREQUENCY OF RETRAINING ADVISED: Students should be re-trained every semester. Safety passport expire at the end of every semester.</p>	
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