Safety Quiz—Air Chisel

Student Name

1. You must wear a face shield to protect your face.

2. Gloves are necessary to protect your hands from injury on sharp metal edges. T F

3. Make sure by the end of the week that all metal trimmings are in the garbage. T F

4. By holding onto the chisel bit, you can direct the bit more accurately.

T F

5. Goggles must be worn every time an air chisel is used.

T F

Safety Quiz—Air Sanding Tools Student Name				
Class	Date	Grade _		
Ventilation is not a safety consideration when sanding	y with air tools.	Т	F	
Sanding dust from fillers and paints must be removed vacuum connection to the tool and/or use of a particle	_		F	
The use of higher than recommended air pressure wil faster.	I only make the too	ol work T	F	

1.

2.

3.

One mark of a good technician is that he/she keeps tools clean. 4. T F

Grinder Written Test

an	e the correct heading and write the answers on your own paper. Use the BEST swer to complete the owing:
	With this machine you must wear proper eye protection, a,
	pass ALL tests with 100 percent, and have your teacher's permission to operate it.
2.	Set tool rest and spark deflector so that they are (1/8 inch 1/4 inch 1/2 inch)
	away from the wheel.
3.	Hold work firmly and securely with (One both) hand(s).
4.	Remember that small pieces (Will Will not) require special set-ups.
5.	You should stand (Directly in front of To the side) when you start this machine.
6.	Grind using the (Face Sides) of the wheel.
7.	Press material against the wheel with (A lot of Just enough) pressure so that
	you cause a steady and even removal of metal.
8.	Again, move stock slowly and evenly across the (Face Sides) of the wheel.
9.	You can leave the machine when the grinding wheels have come to a (Half Full) stop.
Lis	t five SAFETY procedures you should do before you operate this or any machine:
10.	
11.	
12.	
13.	

Grinder Written Test Key

Use the correct heading and write the answers on your own paper. Use the BEST answer to complete the following:

- 1. Face shield
- 2. 1/8 inch
- 3. Both
- 4. Will
- 5. To the side
- 6. Face
- 7. Just enough
- 8. Face
- 9. Full

List five safety procedures you should do before you operate this or any machine:

- 1. Tuck in your shirt.
- 2. Remove jewelry.
- 4. Wear Z87 safety glasses
- 5. Work with a partner.
- 6. Listen for and report any problems immediately.
- 7. Make sure that all guards are in place and working.
- 8. No horseplay.
- 9. Keep work area clean.
- 10. Protect hands.

Impact Wrench Written Test

1.	Be sure all work (Is Is not) secured with clamps or tightly in a vis	e.
2.	(Firm Flexible) footing is required of the operator at all times.	
3.	The (Chrome Black) sockets are designed for impact wrenches.	
4.	The tool should be disconnected from the airline at the (Hose whip	Tool).
5.	The impact wrench must be (Disconnected Connected) when n	ot in actual
	use.	
6.	(Long Short) bursts of power should always be used to operate	the tool.
7.	If the machine is not working properly, you should:	
List	five SAFETY procedures you should do before you operate this or any	machine:
8.		
9.		
10.		
11.		
2.		

	Safety Quiz—Parts Washer	Student Name	
	Class Da	ate	Grade
1.	When brushing parts in solvent, a nylon or brass bristle b avoid sparks.	rush should be u	sed to
2.	It is not necessary to wear goggles or a face shield when	washing parts.	ΤF
3.	A fusible link to hold the lid open is not necessary on part	ts wash tanks.	ΤF
4.	Parts wash tanks should be placed in a well-ventilated ar	ea.	ΤF
5.	It is not necessary to wash your hands after washing part	ts in solvents.	ΤF

Portable Drill Written Test

1.	You (Should Not) secure a piece of scrap wood to your worktable.
2/3.	. Make sure that the drill is switched (on off) and that the work area is clean
	and (dry wet).
4.	You (Should Should not) drill with straight, steady, even pressure.
5.	To provide for a SAFE and even drilling process, you need to clear the area as you
	drill. To do this you need to
6.	As with any machine, if it is NOT working properly you should:
Lis	st five SAFETY procedures you should do before you operate this machine:
Lis	st five SAFETY procedures you should do before you operate this machine:
_	
7.	
7. 8.	

Portable Grinder Written Test

- 1. The sparks caused by grinding or sanding are (Warm but not Hot and are) dangerous.
- 2. It (Never is Is) safe to grind steady in one spot.
- 3. You (Are not) required to wear protective clothing while using this tool.
- aterial.

5.	Make all adjustments before turning (Off On) the power. Never sand free handed. Use (The table Your hands) to support the machine is not working properly you should:
Lis	st five SAFETY procedures you should do before you operate this machine:
7.	
7. 8.	
9.	
0.	
1.	

Sand Blaster Safety Written Test

Use the correct heading and write the answers on your own paper. Use the BEST answer to complete the following:

WORD BANK

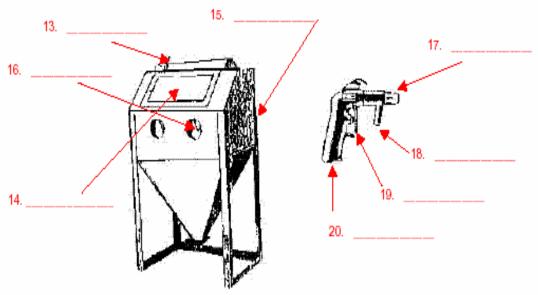
Abrasive supply	Gloves	Sand blaster	Wet
Air supply	Lights	Safety glasses	Window
Door	Nozzle	Silica sand	1 Inch
Exhaust system	Paper	Switch	3 Inches
Glass etching	Pressure gauge	Trigger	5 Inches
What is the name of this n We will use this machine f These are worn to protect This must be closed to use This helps to remove dust	or? your eyes: e the machine: from the air:		
You should not blast object			
Before blasting, remove a			
Do not point the nozzle to	ward the		

- 9. These protect your hands when using this machine:

 10. We use this material for our abrasive.
- 12. Check this object if there is no air pressure:

Parts Identification:

1. 2. 3. 4. 5. 6. 7.



Safety	Quiz—Service Jack
Class	

Student Name	

Date _____ Grade ___

- 1. It is unsafe to work under a car that is supported with a service jack only. T F
- 2. It is a good safety practice to raise a car with someone under it.
- 3. It is necessary to inspect the lift saddles for proper alignment when raising a car.

T F

- 4. The service jacks should always be inspected for malfunctions before using. T F
- 5. Car stands on supports should be used before anyone goes under a raised car.

T F

Soldering Station/Pencil Written Test

1.	Eye protection (Should Should not) be worn at all times in the laboratory.
2.	(Only the tip All of) of the soldering equipment is hot when it is on.
3.	The soldering equipment should be (In its holder Laid on the bench) after use.
4.	(It feels cool to Do not) let any of the melted solder touch your skin.
	t five SAFETY procedures you should do before you operate this machine:
5.	
6.	
7.	
8.	
9.	

Soldering Station/Pencil Written Test Key

- 1. Should
- 2. All of
- 3. In its holder
- 4. Do not

List five safety procedures you should do before you operate this or any machine:

- 1. Tuck in your shirt.
- 2. Secure your hair.
- 3. Remove jewelry.
- 4. Wear Z87 safety glasses.
- 5. Work with a partner.
- 6. Listen for and report any problems immediately.
- 7. Make sure that all guards are in place and working.
- 8. No horseplay.
- 9. Keep work area clean.
- 10. Protect hands.

	Safety Quiz—Storage Batteries	Student Name_		
	ClassDa	re	Grade	
1.	It is OK to light a welder near a car while its battery is being	charged.	Т	F
2.	A closet or small storeroom is a perfect place to charge batte	ries.	Т	F
3.	Jewelry such as rings, necklaces, and watches/bracelets sho	ould be taken o		e F
4.	List three potentially serious hazards from batteries.			
	a			
	b	_		
	C			
5.	If battery acid gets in the eyes, deluge them with massive an immediately and get help (aid unit).	nounts of water	Т	F

TIG and MIG Welder Written Test

Use the correct heading and write the answers on your own paper. Use the BEST answer to complete the following:

- 1. It is okay to do TIG or MIG welding (Without With) a welding helmet.
- 2. You (Can Cannot) be shocked by touching the tungsten electrode while the TIG welder is turned on.
- 3. The high frequency switch must be turned (Off On) while performing regular arc welding.
- 4. Both metal-arc welding and gas-shielded arc welding give off ultraviolet and infrared radiation, which (Can Cannot) burn unprotected skin.
- 5. The helmet used for TIG and MIG welding should be equipped with a minimum number (12 15) density shade.

List five SAFETY procedures you should do before you operate this machine:

TIG and MIG Welder Test Key

- 1. With
- 2. Can
- 3. Off
- 4. Can
- 5. 12

List five safety procedures you should do before you operate this or any machine:

- 1. Tuck in your shirt.
- 2. Secure your hair.
- 3. Remové jewelry.
- 4. Wear Z87 safety glasses.
- 5. Work with a partner.
- 6. Listen for and report any problems immediately.
- 7. Make sure that all guards are in place and working.
- 8. No horseplay.9. Keep work area clean.
- 10. Protect hands.

Safety Quiz—Tire Changer

Student Name_____

Date	Grade
There is absolutely no danger in using a tire-mounting machine.	T F
2. Most any type of tool can be used in changing tires.	T F
3. Truck tires using a split-rim assembly require the use of a safety cage	e. T F
 It is not necessary to wear eye protection when using a tire-mounting machine. 	T F
5. It is important that the stem and core be installed properly.	T F
6. Fingers may be pinched between the tire bead and wheel rim.	T F
7. Always use correct lifting techniques when handling tires.	T F

Arc Welder Written Test

Use the correct heading and write the answers on your own paper. Use the BEST answer to complete the following:

- 1. Flammable materials should be kept (Near Away from) the working area.
- 2. Chipping can be done (With Without) goggles.
- 3. Make sure all around you are (Unaware Aware) that you are striking the arc.
- 4. (Always Never) wear a welding helmet.
- 5. Gloves and protective clothing are (Not necessary Necessary).
- 6. Ventilation is (Required Not necessary) during welding.
- 7. A(an) (Open Closed) container can be dangerous to weld.
- 8. The welding area floor should be (**Dry Damp**) for a good ground.

List five (5) SAFETY procedures you should do before you operate this machine:

9.			
10			
11.			
12.			
13			

Buffer Written Test

2. 3. 4/5.	Wood and metal (Will will not) contaminate the buffing wheel. The buffing wheel will (Burn Do nothing to) you. The buffing compound is basically a real (Fine Rough) sanding compound. You should buff the plastic by holding it (Horizontally Vertically) and buffing in the
	(Lower Middle Upper) part of the wheel. You should hold the material you are buffing with (One Both) hand(s).
	The buffer (Can Cannot) cause a serious injury.
3/9.	Remember to wait (Patiently Impatiently) behind the (Red Yellow) line
10.	If you are not careful, the buffer (Will Will not) catch your material and throw it
	causing
	potential injuries. If the machine is not working properly, you should:
٠	if the machine is not working property, you should.
Lis	t five SAFETY procedures you should do before you operate this machine:
12.	
ı٥.	
14.	
ıIJ.	
10.	

Buffer Hands-On Test

Nan	ne:	Date:
Sub	ject: _	Per:
1.	Wha	does it do?
2.		is it useful?
3.	Can	he student identify this machine (point to it)? (Yes No)
4.	lden	ify the following parts:
		On/Off
		Buffing wheel
5.	Safe	y procedures followed before using the machine:
		Shirt tucked in Z87 safety glasses
		Hair secured
		Remove jewelry
6.	Proc	edures for operating machine (teacher designate):
		Plastic—uses both hands to hold the plastic vertically and lower middle part of the wheel
		Hands—fingers stay at least 1-inch away from the buffing and cleaning wheels.
		Feet—facing machine.
		Eyes—watches to see where the fingers and plastic are going and makes sure that the
		fingers are nowhere near the wheels.
7.	Mak	es two safe and successful operations:
	a) 🛚	Yes
	b) 🛚	Yes
8.	Mak	es sure that the machine has been shut down properly, that the area is clean, and puts too
	awa	. □ Yes □ No

Crucible Furnace Written Test

1.	Safety glasses (Are Are not) the only protective clothing that you need to wear.
2.	You (☐ Should ☐ Should not) keep all flammable material away from the working
	area.
3.	You (Do Do not) need to preheat cold metal before placing it in the crucible.
4.	To be SAFE you (Should Should not) use the tongs to place metal inside the crucible.
5.	Place mold in the designated area (After Before) you begin to pour the metal.
6.	Move very cautiously and carry molten / melted metal up close to the mold to help (Increase Reduce) possible dangers.
7.	It (Is Is not) okay or SAFE to step on any molten metal.
	Any unused and unattended metal should be placed (Anywhere In an area designated).
9.	To shut down, make sure that you turn the (Air Gas) off first.
Lis	t five SAFETY procedures you should do before you operate this machine:
10.	
11.	
12.	
13.	
14	

Crucible Furnace Hands-On Test

Na	ame: _					Date:		_
Sι	ıbject:					Per:		
1.	What	does it do?						_
2.	Why is	s it useful? _						_
3.	Can th	ne student id	lentify	this mach	ine (point to it)?	(□ Ye	es 🗆 No)	
4.	Identif	fy the followi	ng par	ts:				
		Lid		Fire bow	/ w/crucible		Pilot	
		Lid handle		Air contr	ol		On/off switch	
		Fire brick		Gas con	trol		Igniter switch	
5.	Safety	procedures	follow	ed before	using the macl	nine:		
		Shirt tucked	l in		Z87 safety gla	asses		
		Hair secure	d		Checks kick-k	oack zone	9	
		Remove jev	velry		Gets help from	m/helps p	partner as needed	
6.	Proce	dures for op	erating	g machine	(teacher design	nate):		
							·····	
							· · · · · · · · · · · · · · · · · · ·	
7.	Mak	es two safe	and su	ccessful d	perations:			
	a)	☐ Ye	_	No				
	b)	☐ Ye	es 🗆	No				
8.	Mak awa			achine has	s been shut dov	vn proper	ly, that the area is clean, and puts to	ols

Grinder Written Test

Ю	lowing.
1.	With this machine you must wear proper eye protection, a,
	pass ALL tests with 100 percent, and have your teacher's permission to operate it.
2.	Set tool rest and spark deflector so that they are (☐ 1/8 inch ☐ 1/4 inch
	□ 1/2 inch) away from the wheel.
3.	Hold work firmly and securely with (☐ One ☐ both) hand(s).
4.	Remember that small pieces (Will Will not) require special set-ups.
5.	You should stand (Directly in front of To the side) when you start this machine.
6.	Grind using the (Face Sides) of the wheel.
7.	Press material against the wheel with (A lot of Just enough) pressure so
	that you cause a steady and even removal of metal.
8.	Again, move stock slowly and evenly across the (\Box Face \Box Sides) of the wheel
9.	You can leave the machine when the grinding wheels have come to a (☐ Half
	□ Full) stop.
Lis	et five SAFETY procedures you should do before you operate this or any machine:
10.	
12.	
13.	
14.	

Drill Press Written Test

1.	You (Should Should not) use a piece of scrap wood and a clamp or vise grip
	when using this machine.
2/3.	Objects other than your wood and clamps (Should Should Should not) be removed
	from the table top because they can
4.	Use a (C-Block V-Block) to clamp down C02 cars and irregular stock.
5.	The type of bit you select for drilling (Is Is not) important.
6.	You (Should Should not) use a center punch when drilling into metal or hard woods.
	You should use a (Faster Slower) drill speed when drilling into metals, hard wood, and with larger drill bits.
8/9.	(Do Do not) panic if the bit gets stuck in the wood. You should:
10.	You should remove chips from the table with your (Hand Table broom).
11.	As with any machine, if it is NOT working properly you should:
12. 13. 14.	five safety procedures you should do before you operate this machine:

Drill Press Hands-On Test

Name	e:		Date:		
			Per:		
1. W	hat does it do?				
2. W	hy is it useful?				
3. Ca	an the student identify	this m	achine (point to it)? (☐ Yes ☐ N	o)	
4. Ide	entify the following pa	rts:			
	On/off switch		Head support safety collar		Column
	Tilting table		Motor		Tilt angle lock knob
	Base		Belt guard		
	Key chuck		Depth stop		
	Pilot wheel feed		Table-locking clamp		
5. Sa	fety procedures follow	wed be	fore using the machine:		
	Shirt tucked in		Z87 safety glasses		
	Hair secured		Checks kick back zone		
	Remove jewelry		Gets help from/helps partner as	neede	d
6. Pr	ocedures for operatin	g macl	nine (teacher designate):		
	Depth stop—makes	sure th	nat it is set to avoid drilling into th	ne table	top.
	Scrap wood—uses t	o avoid	d drilling into the tabletop.		
	Left hand—holds the	e wood	flat or it's clamped down.		
	Right hand—guides	the wh	neel feed (or vice versa).		
	Feet—facing the ma	chine.			
	Key chuck—tightens	s down	the chuck key in at least two pla	ces (rig	ghty tighty/lefty loosy).
	Eyes—watching to s nowhere near it.	see wh	ere the bit is going and making s	ure that	t the body goes
7.	Makes two safe and	l succe	essful operations:		
	,	□ No □ No			
8.	Makes sure that the puts tools away. □		ne has been shut down properly	, that th	ne area is clean, and

Horizontal Milling Machine Written Test

Use the correct heading and write the answers on your own paper. Use the BEST answer to complete the following:

- 1. Turn the power (On Off) before you make any measurements or adjustments.
- 2. Be sure the holding device (Is Is not) mounted solidly to the table and the work is held firmly.
- 3. You (Can Cannot) SAFELY reach over or near the rotating center.
- 4. Cutters should be handled with (Bare Gloved) hands.
- 5. You (**Should not**) use a small brush like a table broom to remove chips.
- 6. It (Is Is not) SAFE to clear chips away while the machine is in operation.
- 7. It is (Safe Unsafe) to leave the machine while it is working.
- 8. Keep the floor around the machine (Clean Messy).
- 9. You (**Do Do not**) need to wipe up spilled cutting fluid immediately.
- Make sure that you store all oily rags used to wipe down the machine in an approved

 Rubber
 Metal) container that can be closed tightly.

List five SAFETY procedures you should do before you operate this machine:

11. ַ	
12.	
13.	
14.	
15. ⁻	

Horizontal Milling Machine Hands-On Test

Na	me: _				Date: _		
Su	bject:						·
1.	Wha	at does it do? _					
2.	Why	is it useful? _					-
3.	Can	the student ide	entify thi	s ma	chine (point to it)? (□	Yes □ No)	
4.	Iden	tify the followin	g parts:				
		Over arm			Cross-feed hand whee	el 🗆	Arbor support bracket
		Table			Table-raising crank		Level for back gear
		Cabinet base			Power table feed		Longitudinal feed handwheel
		Arbor			Saddle		Knee
5.	Safe	ety procedures	followed	befo	ore using the machine:		
		Shirt tucked i	n		Z87 safety glasses		
		Hair secured			Checks kick-back zo	ne	
		Remove jewe	elry		Gets help from/helps	partner as need	ed
6.	Proc	cedures for ope	rating m	nachir	ne (teacher designate):		
	П						
							
	Ц						
7.	Mak	es two safe and	d succe	ssful	operations:		
	a)	☐ Yes		No			
	b)	☐ Yes	□ 1	No			
8.		es sure that the		ne ha No	as been shut down prop	erly, that the are	a is clean, and puts tools

Metal Lathe Written Test

1.	When operating this machine you must wear proper eye protection, a,
	pass ALL tests with 100%, and have your teacher's permission to operate it.
2.	You should (Leave Remove) the chuck key or wrench in the lathe chuck.
3.	Be sure that all parts of the carriage will (Clear Touch) any rotating part during
	the full length of the cut.
4.	Place hands on the controls or (On the object At your sides), except when
	filing or polishing.
5.	Make sure work is (☐ Loose ☐ Secure) and lathe is set at correct speed and feed
	rate before you start turning.
6.	You (Can Cannot) SAFELY adjust tool bit when tool holder is hand-held.
7.	Bring lathe to a (Half Full) stop before reversing.
8.	Remove tool holder and post (After Before) you begin to file or polish.
9.	Remove chips with (A table broom Your hands).
10.	You (Should Should not) stop a lathe chuck with anything.
11.	You (Do Do not) need to keep hands and any other body parts away from all
	moving parts.
12.	It (☐ Is ☐ Is not) SAFE to wear loose clothing.
Lis	t five SAFETY procedures you should do before you operate this machine:
13.	
17.	

Oxyacetylene Welding Written Test

1.	(☐ Never ☐ Always) wear spark-resistant clothing.	
2.	Closed containers (Are Are not) hazardous to weld or repair.	
3.	Eye protection (Must be worn I is not necessary) for all welding, cutting, and chipping operations.	
4.	The equipment should not be wiped down with (Dry Doily) rags.	
5.	Acetylene pressure should be set at (□ 20 □ 15) psi.	
List five SAFETY procedures you should do before you operate this machine:		
6.		
7. 8.		
9.		
10.		

Portable Belt Sander Written Test

	1.	Safety glasses (Are Are not) the only protective clothing that you need to wear.		
;	2.	. Check belt (Tracking Tension) carefully before starting work.		
;	3.	The machine should be (\square Still moving \square At a complete stop) before placing it on the workbench.		
4	4.	The sander should be started (☐ Before ☐ After) it is on the work.		
ļ	5.	See that the trigger switch is (Off On) before plugging in the machine.		
(6.	. Keep the sander (☐ Moving back and forth in the direction of the grain ☐ Pause in one spot).		
•	7.	Keep the electrical cord (☐ Wrapped around your neck ☐ Away) from working area.		
	8.	. If the machine is not working properly, you should:		
	List 9.	five SAFETY procedures you should do before you operate this machine:		
10).			
11		<u> </u>		
12		<u> </u>		
١,	.).			

Portable Drill Written Test

1.	You (☐ Should ☐ Should not) secure a piece of scrap wood to your worktable.	
2/3.	Make sure that the drill is switched (☐ on ☐ off) and that the work area is clean and	
	(□ dry □ wet).	
4.	You (Should Should not) drill with straight, steady, even pressure.	
5.	. To provide for a SAFE and even drilling process, you need to clear the area as you drill. To do this you need to	
6.	As with any machine, if it is NOT working properly you should:	
	t five SAFETY procedures you should do before you operate this machine:	
10.		
11.		

Portable Grinder Written Test

	 			
 The sparks caused by grinding or sanding are (□ Warm but not □ Hot and dangerous. 				
2.	It (☐ Never is ☐ Is) safe to grind steady in one spot.			
3.	. You (☐ Are ☐ Are not) required to wear protective clothing while using this tool.			
4.	. Make all adjustments before turning (Off On) the power.			
5.	5. Never sand freehanded. Use (□ The table □ Your hands) to support the mate			
6.	i. If the machine is not working properly, you should:			
	t five SAFETY procedures you should do before you operate this machine:			
7.	<u></u>			
				
10.	0			
	1			

Sheet Metal Machines Written Test

1.	Sheet metal machines (Cannot Can) be damaged by overloading.			
2.	Sharp burrs and edges (Do not need to attempting to place stock in machine.			
3.	Fingers must be kept (Clear of Close to) moving parts.			
4.	Quarter-inch thick, mild steel stock (\square Can \square Cannot) be formed on the sheet metal machine.			
5.	If a handle jams, it (☐ Can ☐ Cannot) be tapped lightly with a hammer.			
6.	. If the machine is not working properly, you should:			
	t five SAFETY procedures you should do before you operate this machine:			
	<u> </u>			
				
11.				

Soldering Station Pencil Written Test

1.	Eye protection (Should Should not) be worn at all times in the laboratory.		
2.	(☐ Only the tip ☐ All of) of the soldering equipment is hot when it is on.		
3.	The soldering equipment should be (In its holder Laid on the bench) after		
	use.		
4.	(☐ It feels cool to ☐ Do not) let any of the melted solder touch your skin.		
List five SAFETY procedures you should do before you operate this machine:			
5.			
6. 7.			
7. 8.			
9.			

Spinning Lathe Written Test

1.	You (☐ Do ☐ Do not) need to watch out for sharp-pointed metal edges when cutting
	the metal disc to size and when getting it ready for spinning.
2.	Make sure that the tool rest base, tool rest, and fulcrum pin are (☐ Loosely ☐ Securely) tightened in place before attempting to spin.
3.	It is SAFE to (\square Stand to the side \square Stand in line with) the disc during a centering operation.
4.	Make certain the spinning tools are fitted solidly to the (☐ Handle ☐ Rest base).
5.	You (☐ Can ☐ Cannot) SAFELY touch a spinning disc by hand.
6.	Use the correct tool for the operation and (Slowly Quickly) force material to match the forming chuck.
7.	You (☐ Should ☐ Should not) remove tool rest and pin when using steel wool or polishing.
8.	If you have any doubts, you should:
Lis	t five SAFETY procedures you should do before you operate this machine:
9.	
1.	
2.	
3.	

TIG and MIG Welder Written Test

1.	It is okay to do TIG or MIG welding (Without With) a welding helmet.	
2.	You (Can Cannot) be shocked by touching the tungsten electrode while the TIG welder is turned on.	
3.	The high-frequency switch must be turned (Off On) while performing regular arc welding.	
4.	Both metal-arc welding and gas-shielded arc welding give off ultraviolet and infrared radiation which (\square Can \square Cannot) burn unprotected skin.	
5.	The helmet used for TIG and MIG welding should be equipped with a minimum number (12 15) density shade.	
List five SAFETY procedures you should do before you operate this machine:		
6.		
7.		
9.		
10		

Safety Quiz—Spot Welder

Student Name_____

Class	Date	Grade
The spot welder should be used in a wet, damp work	area.	T F
2. The spot welder should always be left plugged in and	the current left on.	ΤF
3. After welding, the tips of the spot welder are very hot.		T F
4. The metal being spot-welded must be clean and dry.		ΤF

Safety Quiz—Manual and Power Shears Class ______ Date ____ Grade ____

Circle the correct answer:

- 1. What procedure or procedures would lower the chance of cut hands and fingers while shearing?
 - a. Stack metal before cutting.
 - b. Remove burrs on metal before shearing.
 - c. Wear gloves while handling metal.
 - d. Both b and c.
- 2. How should metal be placed in the shear?
 - a. From the back of the shear.
 - b. From the front of the shear.
 - c. From the back of the shear by a helper.
 - d. From the front of the shear under a lug or hold down bar.
- 3. Which would be the best procedure for two people shearing metal?
 - a. One operating, one helping.
 - b. One person feeding metal, the other catching metal.
 - c. Both people operating the shear.
 - d. Both b and c.
- 4. What parts of the shear should you always keep clear of?
 - a. The blade.
 - b. The hold-down bar or lugs.
 - c. Under the treadle.
 - d. All of the above.
- 5. Which procedure would be unsafe for operating a shear?
 - a. Wearing gloves.
 - b. Keeping fingers clear of the blade.
 - c. Allowing pieces to drop.
 - d. Removing the guard before operating the shear.

Band Saw Written Test

Use the correct heading and write the answers on your own paper. Use the BEST answer to complete the following:

1.	Adjust the blade guard to where it is 1/4 inch above the (\Box Lowest \Box Highest) part of the wood that you are cutting.
2.	You (☐ Should ☐ Should not) use a push stick when cutting out your C02 car design.
3.	You should wait behind the (☐ Air ☐ Yellow) line for your turn to use the machine.
4.	ONLY (One Three) person(s) can use this machine at a time.
5.	You can SAFELY cut (Slight Sharp) curves on the band saw.
6.	You fingers should stay (☐ In front ☐ To either side) of the blade as you cut.
7.	When cutting round or irregular-shaped stock you should use the (☐ C-block ☐ V-block) to secure it.
8.	You should use (\Box Hand \Box Table broom) to clean the top of the table off when you are finished.
9.	You should use your (☐ Hand ☐ Scrap wood) to push wood away from the blade.
10.	It (☐ Is ☐ Is not) SAFE to force wood into the blade.
11.	Blades do occasionally break on this machine. If it does break you should:
List	five SAFETY procedures you should do before you operate this machine:
12.	
13.	
14.	
15. 16.	
ıΟ.	

Band Saw Hands-On Test

Name:							
Subject:				_ Per:			
1. What d	loes it do?						
2. Why is	it useful?						
3. Can the	e student ider	ntify t	his machine (point to it))? (□ Yes	—Band Saw Hands-On Test □ No)		
4. Identify	the following	part	s:				
□ On/of	ff switch		Lower wheel guard		Miter gauge grove		
□ Table)		Upper wheel guard		Blade		
□ Blade	guard		Rear blade guard		Guidepost		
□ Dust	collector		Kick-back zone				
5. Safety	procedures fo	ollow	ed before using the ma	chine:			
□ Shirt	tucked in		Z87 safety glasses				
□ Hair s	secured		Checks kick back zon	е			
□ Remo	ove jewelry		Gets help from/helps	partner as	s needed		
6. Proced	ures to set up	for	a cut:				
□ Set g	□ Set guard 1/4 inch above thickest part of the wood.						
□ Hand	s—fingers sta	ay to	the side of the blade, n	ot in front	of it.		
□ Push	stick—uses	one v	vhen needed, ALWAYS	with the	CO2 car or to remove scrap.		
□ Lowe	rs guard—lov	vers	the blade guard by han	d, does n	ot let it just drop.		
□ Feet-	l Feet—facing machine.						
□ Vents	s—double-che	eck to	see that they are on a	ind open.			
•	—watches to the blade.	see	where the blade is goin	g and to r	make sure that the hand is nowhere		
7. Make	s two safe an	d su	ccessful operations:				
a) □	Yes □ No						
b) □	Yes □ No						
	s sure that the		chine has been shut do	own prope	erly, that the area is clean, and puts too		

Belt Finishing Sander Written Test

Use the correct heading and write the answers on your own paper. Use the BEST answer to complete the following:

1.	Safety glasses (Are Are not) the only protective clothing that you need to wear.
2.	Use a (Push block Your fingers) to hold thin material against the belt.
3.	The wood should be (\square Wet \square Dry), with no resin, paint, or finish on it and with no nails or other hardware in it.
4.	The abrasive belt on the sander must be in good condition. Belts containing small rips or burns are (Permissible Not OK) to use.
5.	The belt track must be adjusted with the power (☐ Off ☐ On).
6.	The table must be (□ 1 inch □ 1/16 inch) from the belt.
7.	The work must be kept (Stationary Moving) while sanding.
8.	If the machine is not working properly, you should:
List	five SAFETY procedures you should do before you operate this machine:
9.	
11.	
12.	
13.	

Portable Circular Saw Written Test

Use the correct heading and write the answers on your own paper. Use the BEST answer to complete the following:

1.	As with any machine, you must wear proper eye protection, pass ALL tests at (□ 85 percent □ 95 percent □ 100 percent), and have your teacher's permission to operate it.
2.	It (☐ Is ☐ Is not) important to make sure that all stock is supported and securely clamped down.
3.	Adjust the depth of cut to the thickness of the stock (material) plus (□ 1/8 inch □ 1/2 inch □ 3/4 inch)
4.	The power cord (☐ Should ☐ Should not) be clear of the blade.
5.	Your work area should be (☐ Clean ☐ Dirty) before you start cutting.
6.	Check the base and angle adjustments to be sure they are (Loose Tight).
7.	Always place the base of the saw on the stock you will be cutting. Make sure that the blade (Is Is not) actually touching the stock before you turn it on!
8/9.	Advance the saw blade (□ Slowly □ Quickly) and evenly making sure that it cuts (□ Angled □ Straight) through the work.
10.	You should sit the saw down when the blade has come to a (☐ Half ☐ Full) stop!
11.	You should the machine to change the blades or to make any kind of adjustments.
Lis	t five SAFETY procedures you should do before you operate this or any machine:
12.	
13.	
14.	
15.	
16.	

Portable Circular Saw Written Test Key

- 1. 100 percent
 2. Is
 3. 1/8 inch
- 5. Clean

Should

4.

- 6. Tight
- 7. Is not
- 8. Slowly
- 9. Straight
- 10. Full
- 11. Unplug

List five safety procedures you should do before you operate this or any machine:

- 1. Tuck in your shirt.
- 2. Secure your hair.
- 3. Remove jewelry.
- 4. Wear Z87 safety glasses.
- 5. Work with a partner.
- 6. Listen for and report any problems immediately.
- 7. Make sure that all guards are in place and working.
- 8. No horseplay.
- 9. Keep work area clean.
- 10. Protect hands.

Disc Sander Written Test

Use the correct heading and write the answers on your own paper. Use the BEST answer to complete the following:

1.	It (☐ Is ☐ Is not) important to check the abrasive disk for tears, or loose areas.
2.	The table should be (□ 1/2 inch □ 1/4 inch □ 1/16 inch) away from the disc.
3.	You sand on the (☐ Left ☐ Right) side of the disc.
4/5.	The disc sander (☐ is ☐ is not) a potentially dangerous machine, because it (☐ Can ☐ cannot) cut or tear part of your finger off.
6.	You can SAFELY sand (□ Small □ Big) objects.
7.	It (☐ Is ☐ Is not) necessary to hold your wood flat against the table.
8.	You can use a piece of scrap wood to slow the disc sander down by (Jamming it into the disc Sanding it carefully down).
۵	You (Should Should not) sand your wood with an even, steady pressure.
Э.	, , , , , , , , , , , , , , , , , , , ,
	You should have patience and quietly wait for your turn behind the (Red Yellow) line.
10.	You should have patience and quietly wait for your turn behind the (☐ Red ☐
10. 11.	You should have patience and quietly wait for your turn behind the (Red Yellow) line.
10. 11. List	You should have patience and quietly wait for your turn behind the (Red Yellow) line. If the machine is not working properly you should: five SAFETY procedures you should do before you operate this machine:
10. 11. List 12. 13.	You should have patience and quietly wait for your turn behind the (Red Yellow) line. If the machine is not working properly you should: five SAFETY procedures you should do before you operate this machine:
10. 11. List 12. 13. 14.	You should have patience and quietly wait for your turn behind the (Red Yellow) line. If the machine is not working properly you should: five SAFETY procedures you should do before you operate this machine:
10. 11. List 12. 13. 14.	You should have patience and quietly wait for your turn behind the (Red Yellow) line. If the machine is not working properly you should: five SAFETY procedures you should do before you operate this machine:

Disc Sander Hands-On Test

Name:				· · · · · · · · · · · · · · · · · · ·	Date:		
Subject:					Per: _		
1. W	hat doe	es it d	lo?				
2. W	hy is it	usefu	ıl?				
3. Ca	an the s	stude	nt identify	this	machine (point	to it)? (□ Yes □ No)
4. Ide	entify th	ne fol	lowing pa	rts:			
	On/off	f swit	ch		Dust spout		Power cord
	Tilting	table	Э		Lock knob		Motor
	Abras	ive d	isc		Rim guard		
5. Sa	afety pro	oced	ures follo	wed	before using the	e ma	chine:
	Shirt t	ucke	d in		Z87 safety glas	sses	
	Hair s	ecure	ed		Checks kick-ba	ack z	zone
	Remove jewelry Gets help from/helps partner as needed						
6. Pr	ocedur	es fo	r operatin	g ma	achine (teacher	desi	gnate):
	Wood	—us	es both h	ands	s to hold the woo	od fla	at against the table.
	Hands	s—fir	ngers stay	at l	east 1-inch awa	y fro	m the abrasive disc.
	Scrap wood—uses it to slowly sand the disc to a stop.			to a stop.			
	Feet-	-facir	ng the ma	chin	e.		
7.	are no	whe	re near th	e dis			going and makes sure that the hands
	a)		Yes		No		
	b)		Yes		No		
8.			e that the				down properly, that the area is clean,

Jig/Bayonet Saw Written Test

Use the correct heading and write the answers on your own paper. Use the BEST answer to complete the following:

1.	As with any machine, you must wear proper eye protection, pass ALL tests with 100
	percent, and you (Do Do not) need your teacher's permission to operate it.
2.	Selecting the correct blade for the stock (material) (☐ Is ☐ Is not) important.
3.	You should clamp the blade down (Lightly Tightly) in the chuck.
4.	Always leave the saw (Disconnected Connected) when you change blades or make adjustments of any kind.
5.	Use vise or clamps, like a (☐ C-clamp ☐ V-clamp) to securely hold the stock (material) that you will be cutting.
6.	Keep a constant and (☐ Even ☐ Uneven) cutting pressure.
7.	You (☐ Should ☐ Should not) force the blade into the work.
8.	You can safely cut (☐ Tight ☐ Slight) curves.
9.	You can safely sit this saw down on the workbench when (You are through with
	it □ It has completely stopped).
10.	If you are not going to use it again immediately, you should
	st five SAFETY procedures you should do before you operate this or any machine:
11.	
12.	
13.	

Jointer Written Test

Use the correct heading and write the answers on your own paper! Use the BEST answer to complete the following:

1.	ALWAYS keep the knives of the jointer (□ Dull □ Sharp).
2.	It is (Safe Dangerous) adjust the fence while the jointer is running.
3.	Adjust the depth of cut (☐ After ☐ Before) you turn the jointer ON.
4.	(□ 1/2 inch □ 1/8 inch □ 1/16 inch) is the maximum SAFE plane thickness.
5.	You should allow the machine to come to (Half Full) speed before using it.
6.	You (Can Cannot) SAFELY use the jointer on PLYWOOD or PARTICLEBOARD.
7.	Cut (Against With) the GRAIN.
8.	You (Should Should not) use your hands to clean wood shavings from ANY table.
9.	If you are facing and using the jointer, the kick-back danger area is to your (Left Right).
10.	You (Should Should not) turn the dust collector on before you start your work.
List	five SAFETY procedures you should do before you operate this or any machine:
11.	
13.	
15	

Jointer Hands-On Test

Name:	Date:	
Subject:	Per:	
1. What does it do?		
2. Why is it useful?		
3. Can the student identify this	machine (point to it)? (□ Yes □ No)	
 4. Identify the following parts: □ On/off switch □ Infeed table head □ Outfeed table □ Dust collector 	 ☐ Kick back zone ☐ Infeed table adjustment lever ☐ Infeed depth of cut gauge ☐ Fence 	:r
☐ Hair secured	pefore using the machine: ☐ Z87 safety glasses ☐ Checks kick-back zone ☐ Gets help from/helps partner as needed	
needed. ☐ Infeed table adjustment— ☐ Left hand—keeping boar head. ☐ Right hand—guides the ☐ Feet—facing the machin	chine (teacher designate): tes sure that it is big enough and uses a push stick if —1/16 inch maximum cut. rd flush with the fence, but stays far away from the cutt board, but stays away from the cutter head. les and does the "side step." make sure that they are open.	:er
7. Makes two safe and success a) □ Yes □ No b) □ Yes □ No	sful operations:	
8. Makes sure that the machine and puts tools away. □ Yes	e has been shut down properly, that the area is clean, s □ No	

Motorized Miter Box Written Test

Use the correct heading and write the answer on your own paper. Use the BEST answer to complete the following:

- 1. Always hold the work firmly (Away from Against) the fence and table.
- 2. The machine (Should Should not) be stopped by pushing a piece of scrap against the side of the blade.
- 3. The guard sections can easily be checked for proper operation (**Before After**) using the machine.
- 4. The trigger switch and the brake button (Can Cannot) be used together to gain better control.
- 5. Fingers should be kept (Inside Outside) of the blade guards.

6.	If the machine is not working properly you should:
List	five SAFETY procedures you should do before you operate this machine:
8.	
9.	
10.	
11	

5	Safety Quiz—Motorized Miter Box	Student Nar	ne
	Class Date	- e	_Grade
1.	The table on this machine can be cut so often that it no long support to the work.	ger gives sat	fe T F
2.	The machine should be stopped by pushing a piece of scraside of the blade.	p against the	e TF
3.	The guard sections can easily be checked for proper opera starting to use the machine.	tion before	T F
4.	The trigger switch and the brake button can be used togeth better control.	er to gain	ΤF

A warped or twisted work piece is not really dangerous.

5.

T F

Planer/Surfacer Written Test

Use the correct heading and write the answer on your own paper! Use the BEST answer to complete the following:

1.	NEVER stand directly behind the board or in front of the machine when planing, in case of a
2.	It (Is Is not) SAFE to look into the throat of the planer from either side when the machine is in operation.
3.	Plane your board down to (One Two Three) desired thickness at a time.
	Support long pieces of wood, because these could
	Make sure the board is (Longer Shorter) than the distance between the centers
	of the in feed and out feed rolls.
6/7	Before you make any adjustments turn the power (On Off), and then check
	to make sure that the cutter head is (Moving Standing still).
8.	DO NOT take cuts deeper than (1/4 inch 1/8 inch 1/16 inch).
9.	ALWAYS surface wood (Against With) the grain. NEVER run a piece cross
	grain.
	You (Can Cannot) SAFELY use the planer on plywood or particleboard.
11.	You (Should not) check your wood for imperfections like metal, and
	scrape off excess glue before you plane it.
12.	You (Should not) panic if your wood gets stuck.
Lis	t five SAFETY procedures you should do before you operate this or any machine:
13.	
14.	
15.	
16.	
17.	

Planer/Surfacer Hands-On Test

Nai	me:				L	Jate:					
Sul	oject: _					Per:					
1.	What	does it do?									
2.	vviiy	s it uselul?									
3.		ne student iden		machine	(point to it)	? (□	Yes I	□ No)			
4.	Identif	fy the following	parts:								
		On/Off switch		Chip b	reaker		Outfee	d rollers		Infeed rollers	
		Infeed table		Cutter	head		Outfee	d table			
		Pressure bar		Clutch			Elevati	ing wheel			
5.	Safety	procedures fo	llowed b	efore us	ing the mad	chine:					
		Shirt tucked in			Z87 safety	y glasses		Hair sec	ured		
		Checks kick ba	ick zone		Remove je	ewelry		Gets hel	p from	/helps partner as r	needed
6.	Proce	dures for opera	iting ma	chine (te	acher desig	gnate):					
		Fingers—kept	away fro	m the ur	nderside an	d inside o	of the ma	achine.			
		Does not look i	nto the t	hroat of	the machin	e.					
		Keeps the woo	d straigh	nt and fla	at against th	e table.					
		Vents—double	-check t	o make s	sure that the	ey are op	en.				
		Does not force	the woo	d, take t	ime to read	just as ne	eeded.				
		Does not panio	if wood	gets stu	ick, just rea	djusts.					
		Feet – stands t	o the sid	de.	-						
7.	Makes	s two (2) safe a	nd succ	essful or	perations:						
	1) 🔲	Yes I									
	2)	Yes I	□ No)							
8.	,				nut down pro	operly, th	at the ar	ea is clea	n. and	puts tools away.	∃Yes □N

Safety Quiz—Planer–Surfacer

Class ______ Date _____ Grade _____

Student Name___

	Bate	Orduc
1.	Instructor's permission is required to operate the machine.	ΤF
2.	Eye protection is required to operate machine.	ΤF
3.	Chips may be removed while machine is running.	T F
4.	It is safe to plane wood with loose knots.	T F
5.	If material becomes stuck, it is safe to stop machine.	T F
6.	Line of sight should be through the throat of the machine.	T F
7.	Assistance should be obtained when planning long pieces of wood.	ΤF

Portable Belt Sander Written Test

Use the correct heading and write the answer on your own paper. Using the BEST answer to complete the following:

1.	Safety glasses (Are Are not) the only protective clothing that you need to wear.
2.	Check belt (☐ Tracking ☐ Tension) carefully before starting work.
3.	The machine should be (Still moving At a complete stop) before placing it on the workbench.
4.	The sander should be started (Before After) it is on the work.
5.	See that the trigger switch is (Off On) before plugging in the machine.
6.	Keep the sander (☐ Moving back and forth in the direction of the grain ☐ Pause in one spot).
7.	Keep the electrical cord (☐ Wrapped around your neck ☐ Away) from working area.
8.	If the machine is not working properly you should:
9.	
10.	List five SAFETY procedures you should do before you operate this machine:
11.	
12.	
13.	
14.	
15.	

Portable Drill Written Test

Use the correct heading and write the answers on your own paper. Using the BEST answer to complete the following:

1. You (☐ Should ☐ Should not) secure a piece of scrap wood to your worktable.

2/3. Make sure that the drill is switched (☐ on ☐ off) and that the work area is clean and (☐ dry ☐ wet).

4. You (☐ Should ☐ Should not) drill with straight, steady, even pressure.

5. To provide for a SAFE and even drilling process, you need to clear the area as you drill. To do this you need to ______.

6. As with any machine, if it is NOT working properly you should:

List five SAFETY procedures you should do before you operate this machine:

7. ______.

8. _____.

9. _____.

Portable Finishing Sander Written Test

Use the	correct heading	and write the	answers of	n your own	paper. Us	sing the I	BEST
answer t	to complete						
the follow	vina:						

ans	swer to complete
the	following:
1.	Be sure the trigger switch is in the (Off On) position when plugging it in.
2.	Check the abrasive sheet to see if it is (☐ Loose ☐ Secure).
3.	Hold the sander by the (☐ Cord ☐ Handle).
4.	Pull the (Plug Power cord) to remove the plug from the socket.
5.	Turn (☐ Off ☐ On) the sander before placing it on the work.
6.	Turn the sander off while it is (☐ On ☐ Off) the work piece.
	If the machine is not working properly, you should:
Lis 8.	t five SAFETY procedures you should do before you operate this machine:
9.	
9. 10.	
_	
11.	

Portable Router Written Test

1.	You (☐ Should ☐ Should not) carry any portable tool by its power cord.
2.	You should router to the (☐ Left ☐ Right) and remember to use the
	as a guide.
3.	You (Do need Do not need) to use a face shield when cutting on the router.
4.	It (Is Is not) safe to touch the router bit after you have used it because it will
	be (□ Cold
	□ Hot)
5.	As with any machine, if it is not working properly, you should:
Lis	t five safety procedures you should do before you operate this or any machine:
6.	
7.	
8.	
9.	

Portable Router Hands-On Test

Naı	me:				Date: _			
Sul	oject: _				Per:			
1.	What	does it do? _						
2.	Why	is it useful? _						· · · · · · · · · · · · · · · · · · ·
3.	Can t	the student ide	entify this	s machin	ne (point to it)? (Yes 🗆	No)	
4.	Ident	ify the followir	ng parts:					
		On/Off switch	h		Cord strain reli	ever		Sub-base
		Locking hand	dle		Housing			Collet type chuck
		Guide knob			Depth adjustme	ent		Motor safety disconnect
5.	Safet	y procedures	followed	before ι	using the machine:			
		Shirt tucked	in		Z87 safety glasses	6		
		Hair secured	l		Checks kick-back	zone		
6.	Proce	Remove jewe	•	□ achine (Gets help from/he teacher designate):		er as need	ded
		Router Adjus	stment—	makes s	ure that it's tightene	ed down a	nd make	s a test cut on scrap wood.
		Fence Adjus	tment—c	checks th	ne height and secur	es it.		·
		Left Hand—h	nolds the	wood fla	at and guides it thro	ugh, but	stays awa	ay from the bit.
		Right Hand-	-same.		_			
		Feet—facing	the mad	hines ar	nd side steps.			
		Eyes—watch	nes to se	e where	the bit is going and	makes s	ure that th	ne hand is nowhere near the
		Routers to th	e left wh	en at all	possible.			
7.	Make	es two safe an	d succes	ssful ope	erations:			
	1) 🗖	Yes 🗖	No					
	2) 🗖	Yes □	No					
8.	Make	es sure that th	e machir	ne has b	een shut down prop	erly, that	the area	is clean, and puts tools
	away	·. 🗆	Yes [☐ No				

Radial Arm Saw Written Test

Use the correct heading and write the answers on your own paper. Using the BEST answer to complete the following: Make adjustments with the power (□ On □ Off) and the cutter head (□ Behind 1/2. ☐ In front of) the fence. 3. BEFORE making any cut, wait until the cutter head is turning at (One-half Full) speed. 4. The maximum SAFE width/size of a board that you can cut is (□ 1' - 0" □ 12 - 0" □ 5/6. ALWAYS make sure that the machine is turned (On Off), and that the blade has stopped □ after □ before) you leave the machine. 7. As with any machine, if you think that it is not working correctly you should List five basic steps you should follow before and during the use of the arm saw: 9. 10. _____ 11. List five safety procedures you should do before you operate this machine: 13. _____ 14. _____ 15. _____

Radial Arm Saw Hands-On Test

								
								
			•		machine (point to it)? (<u>,</u> Ш	Yes L	J No)
		the follow	•	_		_		_
		On/Off swit	ch	Ш	Dept of cut gauge	Ц	Cut	tter head
	T I	able			Miter cut scale		Fer	nce
		Guard			Miter lock knob		Dus	st collector
5. Sa	fety	procedure	s follov	ved b	efore using the machi	ne:		
	ls	Shirt tucke	d in		Z87 safety glasses			Gets help from/helps partner as nee
	l F	lair secure	ed		Checks kick-back zo	ne		Remove jewelry
6. Prod	cedu	res for ope	erating	macl	nine (teacher designat	e):		
	l F	Right hand	—guid	es the	e blade, but stays far a	ıway f	rom it	t.
	l F	eet—facir	ng mac	hine.				
	lν	/ents—doi	uble-ch	eck t	o see that they are on	and c	pen.	
	lι	eft hand-	-keepir	ıg bo	ard flush with fence, b	ut sta	ying fa	ar away from the blade.
	l E	Blade adju	stment-	—ma	ke sure that it is set to	the a	ngle t	that is required (90, 45, etc.) to set up
		a cut.	مان دهاسم		1' 0" is many income out			
			-		-1' 0" is maximum cut.			
		yes—wat near the bl		see	where the blade is go	ng an	d mał	kes sure that the hand is nowhere
7. Ma	akes	two safe a	and suc	cess	ful operations:			
1)		Yes		No)			
2)		Yes		No)			
8. Ma	akes	sure that	the ma	chine	has been shut down	prope	ly, tha	at the area is clean, and puts tools
aw	/ay. ∣	☐ Yes		No)			

Scroll Saw Written Test

Use the correct heading and write the answer on your own paper. Using the BEST answer to complete the following: 1. The scroll saw can be SAFELY used to cut (Slight Tight) curves. 2. Make any adjustments with the power (On Off). 3. Use (both One) hand(s) to guide the wood through the blade. 4. "Hard" woods and tight curves should be cut with a (☐ Faster ☐ Slower) speed. 5. You should wait (Patiently Impatiently) for your turn to use the machine. 6. Picking the correct speed for cutting a design (Is Is not) necessary. 7. You (Should Should not) force wood into the blade. 8. If you are unsure of how to cut a design you (Try it anyway Get assistance). 9/10. The machine should be turned (☐ On ☐ Off) and (☐ Still going ☐ Standing still) before you leave it. 11. Blades do occasionally break on this machine, if it does break you should: List five SAFETY procedures you should do before you operate this machine: 12. 13. 14.

15. 16.

Scroll Saw Hands-On Test

Na	me: _			Date:		
Su	bject:			Per:		
1.	Wha	it does it do?				
2.	vviiy	is it useful?				
3.	Can	the student identify this mach	ine (po	int to it)? (☐ Yes ☐ No)		
4.	lden	tify the following parts:				
		On/Off		Hold down		Table insert
		Table		Guide post		Upper chuck
		Blade		Guide assembly		Base
		Over arm		Belt and guard pulley		
5.	Safe	ty procedures followed before	using			
		Shirt tucked in		Z87 safety glasses		
		Hair secured		Checks kick back zone		
		Remove jewelry		Gets help from/helps partne	r as needed	
6.	Proc	edures for operating machine	(teach	er designate):		
		Wood against—uses both ha	ands to	hold the wood flat on the tab	le to keep it fr	om bouncing around.
		Hands—fingers stay to the s	ide of	the blade, not in front of it.		
		Scrap wood—use to remove	scrap	wood.		
		Lowers guard—lowers the g	uide as	ssembly by hand; does not let	it just drop.	
		Feet—facing machine.				
		Eves—watches to see when	e the b	lade is going and makes sure	that the hand	d is nowhere near the blade
7.	Mak	es two safe and successful op				
	a)	☐ Yes ☐ No				
	b)	☐ Yes ☐ No				
8.	- /	es sure that the machine has	been s	hut down properly, that the ar	ea is clean. a	nd puts tools away.
	П	Yes No		F - F - 7, 1 - 1 - 1 - 1	-, - -	,

Table Saw Written Test

Use the correct heading and write the answer on your own paper. Using the BEST answer to complete the following: 1. Adjust the blade, just high enough to cut through the stock, (Before After) the power is turned on. 2. Keep fingers (Away from Close to) moving parts and never reach over the saw blade. 3. (Always Never) make a cut without using the proper fences or gauges 4. Be sure that the blade will clear both sides of the (Fence Throat plate) before turning on the power. 5. Make (No Any) adjustments while the machine is running. 6. Never attempt to clear away scraps while the blade is (Running Still). 7. Before beginning any "special" cuts, always have (The instructor Another student) check the set up. 8. Do not allow fingers to (Come into direct line with Be on the side of) the 9. (☐ Get help ☐ Just be careful) when sawing large stock. 10. (☐ **Do not** ☐ **Do)** cut cylindrical stock on this machine. 11. When starting work or on special set ups, (Cycle the switch quickly to see that everything is working properly \(\Bar{\su} \) Have your instructor check your set-up). 12. Clean the machine and the area around it with (☐ Your hands ☐ A brush) when finished using. List five SAFETY procedures you should do before you operate this machine: 14. _____

Wood Lathe Written Test

Use the correct heading and write the answer on your own paper. Using the BEST answer to complete the following: 1. When operating this machine you must wear proper eye protection, a pass ALL tests with 100 percent, and have your teacher's permission to operate it. 2. You (Should Should not) examine all wood for checks, knots, or other defects before you put it on the lathe. 3. Work must be balanced and securely held between (Ends Centers) or mounted on a faceplate. 4. Rotate spindle by (Hand Turning it on) to check to make sure that you have enough clearance before start the turning. 5. Tool rest must be set (1/8" 1/4" 1/2") away from the work piece and adjusted to the proper height for the tool being used. 6. Be sure the lathe is running at the (Half Full) speed for the operation. 7. You should use caution and ______ to prevent turning tools from catching in the stock. 8. You (Do Do not) need to select and use the correct tool for the cut you plan to make. 9. Since you will be wearing a face shield, you □ (should □ should not) also make sure that the safety shield is properly in place. 10. Remove the tool rest and base (After Before) sanding or polishing. 11. Use (A table broom Vour hands) to clean off lathe when finished. List five SAFETY procedures you should do before you operate this machine: 12. 13. _____

Safety Quiz—Wood Lathe

Class ______ Date Grade

Student Name____

	Date	Grade
1.	The speed of the machine is not important for safe operation.	T F
2.	A space of 1- inch is safe between the tool rest and the work.	T F
3.	Eye protection is not necessary during operation.	T F
4.	Dull tools may be used.	T F
5.	It is safe to feel for smoothness while turning.	T F
6.	The tool rest should be removed while sanding.	T F
7.	It is safe to turn work that is not balanced.	T F
8.	Long sleeves may be worn while operating.	ΤF

	Salety Quiz—Onipiane	Student Name		
	ClassDate	e	Grade _	
1.	The guard should be clamped in position to clear the work	cpiece.	Т	F
2.	Loose cutters will give a rough cut but are not detrimental	to safety.	Т	F
3.	The work piece should be moved through he machine to t removing.	he rear fence b	efore T	F
4.	The machine must come to a full stop before it is safe to			
	leave the work area.		Т	F
5.	All adjustments should be made with the power off.		Т	F

6. A lamp attachment contributes to safety.

T F

	Safety Quiz—Portable Electric Flame	Student Name		
	ClassDate	e	Grade	_
1.	Since the cutter will not touch, it is all right to set the plane running.	e on the bench	while stil T	
2.	The plane will cut deeper the more pressure is applied.		TI	F
3.	The plane should be disconnected before adjusting the de	epth of cut or th	e fence. T I	
4.	Eye protection is required when using a power plane.		ΤI	F
5.	The plane should be kept firmly against the work piece un	til the		
	cut is completed.		TI	F
6.	The chip deflector is of no real safety value and can be re	moved.	T I	F

Safety Quiz—Wood Shaper

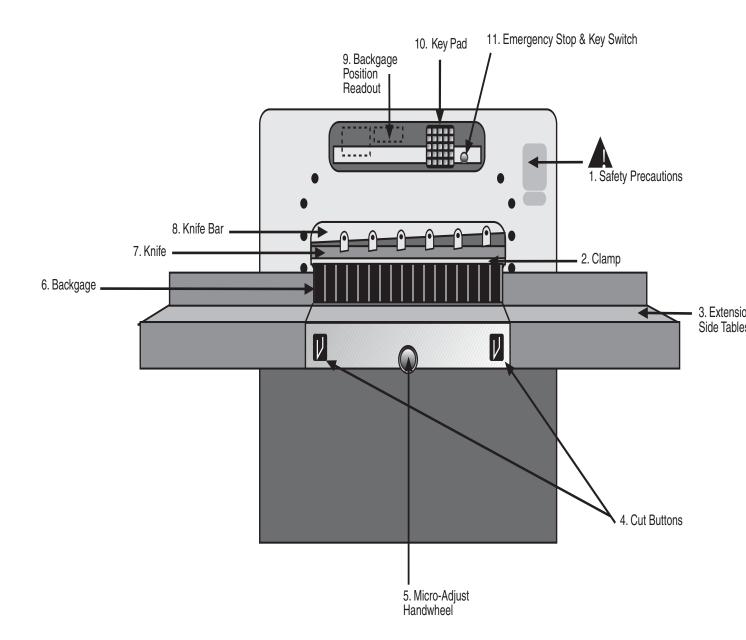
Vood Shaper Student Name_____ Grade ____

1.	In most cases, guards and hold-downs only get in the way.	T F
2.	Often the special or custom fixtures must be made to do a job safely.	T F
3.	A starting pin is not necessary.	T F
4.	The largest table insert should always be used.	T F
5.	A brush should be used to brush away chips when the machine is running.	T F
6.	Three-wing cutters are safer than a cutter head.	T F

CUTTER

True or False:

1.	It is safe to reach carefully into the cutter and touch the blade.	T
2.	Students are not to change the blade without the teacher's permission.	T I
3.	Students can throw trimmings on the floor to save time.	T I
4.	It is safe to use the cutter when your teammates are in the operator's zone.	T F
5.	It is safe to go over and operate the cutter at any time without teacher's permission.	T



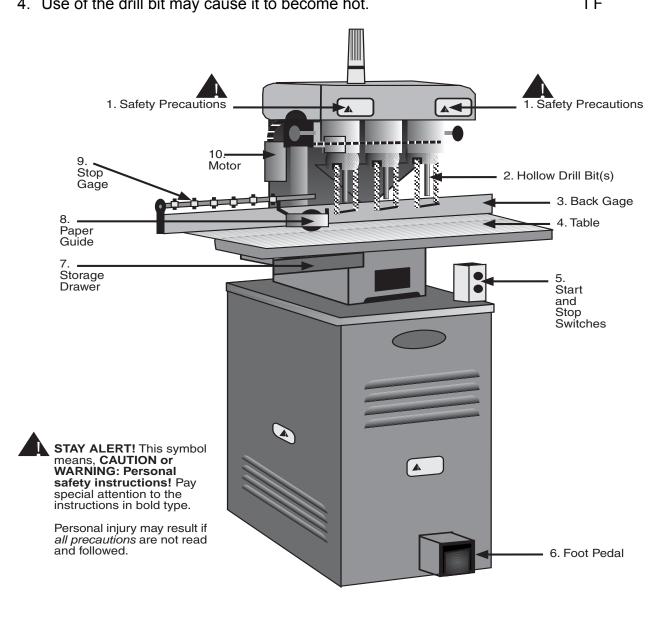
PLATEMAKER

True or False:

1.	The platemaker should have the chemistry changed by the teacher only.	TF
2.	Never look into the light used for exposing the plate because it may be harmful to	
	eyes.	T F
3.	All covers must be left in place during operation.	T F
4.	The glass copy board should always be lowered quickly to get good contact with the	
	artwork.	T F
W	rite the correct name of the machine and its parts in the space provided below.	
	A	
	1	
	2	

DRILLTrue or False:

1.	Be sure the paper guide is unfastened before turning on the machine	TF
2.	Hold the paper loosely against the paper guide.	TF
3.	Allow the foot pedal to return slowly.	TF
1	Use of the drill hit may cause it to become hot	TE



PRESS

True or False:

 3. 4. 6. 	 It is safe to reach carefully across the press when it is operating. Students are not to use any tools on the press without the teacher's permission. Final adjustments may be made while the press is running slowly. Loose or dangling clothing should not be worn when one is working around the press. It is best to avoid unnecessary conversation while running the press. Gears need not be covered while the press is in operation if the operator is careful. It is all right to leave the press running if one returns to it immediately. 							
Μι	ultiple Choi	ice:						
	8.		rating the offset press, one should:					
		(a)	· · · · · · · · · · · · · · · · · · ·					
		(b)	Place all guards in position.					
		(c)	Have received instruction on how to operate it.					
		(d)	Have done all of these.					
	9.	Oily rags s	hould always be placed:					
		(a)	In the wastebasket.					
		(b)	In the scrap box.					
		(c)	In a metal self-closing can.					
		(d)	Where the next person can find them.					
	10.	Scrap pape	er and other litter:					
		(a)	May be left on the floor to be swept up later.					
		(b)	Should be disposed of in the recycling box or in the waste can.					
		(c)	Can be ignored because they do not cause a safety hazard.					
		(d)	None of these.					
	11.	•	rating the offset press, one should:					
		(a)	Tuck in loose clothing and roll up long sleeves.					
		(b)	Remove rings, watches and other jewelry.					
		(c)	Tie back long hair.					
		(d)	Do all of these.					

Write the correct name of the machine and it's parts in the space provided.

Screen Printing

True or False:

1.	Many screen inks and cleaners give off toxic fumes	Т	F
2.	Photo stencil exposure lights are not very bright; therefore, no special		
	precautions need to be taken when working around such lights.	Т	F
3.	Darkroom safety procedures need to be followed when preparing		
	materials for photo stencils.	T	F
4.	Flammable liquids should be stored in metal fireproof containers.	Т	F

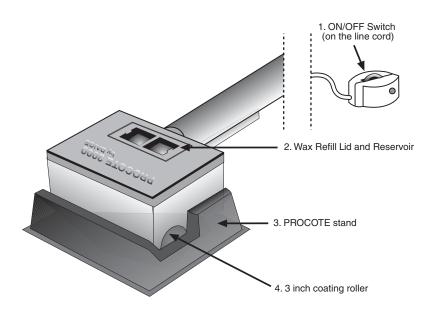
Multiple Choice:

- 5. If a student does not understand the screen-printing operation, he/she should:
 - (a) Ask for the teacher's help.
 - (b) Ask another student who doesn't know.
 - (c) Go ahead as planned and hope it works.
 - (d) Do none of these.
- 6. When working with screen inks and cleaners:
 - (a) Get the teacher's permission.
 - (b) Wear appropriate eye protection.
 - (c) Work only in well-ventilated area.
 - (d) Do all of these.
- 7. After use, cleaning rags should be:
 - (a) Placed in metal fireproof container.
 - (b) Thrown in the waste can.
 - (c) Left for the next student.
 - (d) Rolled up in a neat bundle.
- If oils or inks spill on the floor:
 - (a) Be careful not to slip on it until clean-up time.
 - (b) Clean it up at once.
 - (c) Inform the teacher.

TOOLS

	1	. Т	rue	or	Fa	lse
--	---	-----	-----	----	----	-----

١.	Truc of Faisc.		
2.	It is safe to lean or sit on light tables and glass stripping area because they hav	e	
	unbreakable glass tops.	Т	F
3.	It is safer to use a dull cutting tool than a sharp one.	Т	F
4.	X-acto knives, razor blades, and/or scissors should never be carried		
	in the pocket.	Т	F
5.	To avoid burns when using the waxer, never turn it upside down and		
	always be careful.	Τ	F
6.	It is a good safety practice to give tools back to the teacher or put them		
	in their storage place after use.	Т	F



Safety Quiz—Cameras, Flash Un	its, Projectors	Student Name
Class		_
	Date	Grade

1.	Get perm	ission of models and owners of private property before taking photographs.	Т	F	
2.	Before m	ounting a camera on a tripod, be sure the tripod legs are secure.	Т	F	
3.	Carefully	remove used flashbulbs from the camera by hand.	Т	F	
4.	Leaving of thing to d	cameras and film in closed and locked cars in the summer is a safe o.	Т	F	
5.	Do not ex	ercise any special care in the handling of flashbulbs. They are sturdy.	Т	F	
6.	Before be where it v	eginning a slide show or movie, be sure the projector is on solid surface will not fall.	т	F	
7.	Carry bot	h used and unused flashbulbs in a pocket.	Т	F	
8.	Use a fla	shguard over the flash unit at all times in case a flashbulb shatters.	Т	F	
9.	Take no	special care of the projector's moving parts.	Т	F	
ML	MULTIPLE CHOICE				
	10.	When taking a photograph, never endanger: (a) oneself, (b) the model, (c) (d) both a and b.	the cam	era,	
	11. Before leaving the classroom to take photographs: (a) tell another student of one's destination, (b) get the teacher's permission, (c) put on a jacket, (d) invite a good friend to go along.				
	12. When taking a photograph from a car: (a) pull to the edge of the road and stop the car, (b) roll down the window, (c) drive slowly while taking the picture, (d) keep one hand on the steering wheel.				
	13. Never ask a model to look directly into: (a) the camera, (b) the sun, (c) empty space,(d) none of these.				
	When connecting the flash unit to the camera, always have it aimed: (a) toward one's face,(b) toward the model, (c) toward bystanders, (d) always from oneself and others.				
	15.	When changing a burned-out projector bulb: (a) let the bulb cool first, (b) dipower cord, (c) be careful not to crack the bulb, (d) do all of these.	isconnec	ot the	
	16.	To protect the members of the audience during a movie or slide show: (a) or projector light shine directly into their eyes, (b) do not have the room so da not see to leave if necessary, (c) be sure no one trips over extension cords projector, (d) do all of these.	rk a pers	on could	

Safety Quiz—Studio Light			Student Name		
	Clas	s	Date	Gr	ade
1.	Fray	yed electrical cords may be used when setting a. if they are the only ones available.	up studio lighting,	Т	F
2.	Spo	tlights become only slightly warm during use.		Т	F
3.	It is	all right to handle power cords or switches with a. if the electrical equipment is properly groun	•	Т	F
4.	Hot	lighting equipment should never be placed clos a. materials because it could cause a fire.	se to flammable	Т	F
5.	Any	temporary power cords running across the floor a. to the floor to prevent tripping.	or should be taped	Т	F
MUL	.TIPL	E CHOICE			
	6.	The total of all photo lamps connected to a sir be more than: (a) 50 watts, (b) 500 watts, (c)	•		
	7.	Do not splash any liquid on a hot lamp or spot shatter, (b) the bulb will get wet, (c) it will mak wasted.	• ,		-
	8,	After use, all light cords should be: (a) coiled a (b) coiled and placed on the floor, (c) left plug taped to the floor.		_	
	9.	Be sure all props are firmly secured so they do (a) photographer, (b) camera, (c) model, (d) fl			
	10.	When adjusting studio boom lights: (a) only or students are needed—one to hold the light an (c) three students are needed—two as in (b) a directions, (d) let everyone help.	d one to tighten the	wing	
	11.	When shooting high camera angles, stand or (c) ladder, (d) box.	n a: (a) chair, (b) sto	ol,	
	12.	In the studio, always keep one leg of the light (a) towards the model, (b) towards the camera (d) away from the camera.	•	•	_

		3. After use, extension cords and electrical equipment should be: (a) ned to storage, (b) pushed into a corner, (c) left in place for the next
		assignment, (d) none of these.
	_14.	To protect the model: (a) always adjust the boom light with the model in place, (b) never adjust the boom light over the model's head, (c) have the
		model looking directly into bright lights, (d) do none of these.
	_15.	When climbing a stepladder, use: (a) the brace side, (b) the tread side, (c) the spread brace side, (d) any method at all.
	_16.	When using a stepladder, be sure: (a) one spread brace is in position,
		(b) both spread braces are in position,(c) neither spread brace is in position,(d) none of these.
	_17.	Before climbing a stepladder, make certain: (a) the feet are firmly placed, (b) the ladder is fully open, (c) the ladder is on a solid floor, (d) all of these.
A.		
1.		
2. 3.		
3. 4.		
5.		
6.		
В.		
1. 2.		
3.		
4.		
		\sqcup

;	Safety C	Quiz—Photo Finishing Equipment	Student Name	
	Class	Date		Grade
			_	_
1.	The gua	ard should be removed before using the paper cutter.	Т	F
2.	The pap	per cutter may also be used to cut cloth, plastic, and thin pieces	s of wood. T	F
3.		king iron must be returned to its proper holder after use to avoidage to the counter.	d fire danger T	F
4.	The hea	at setting for the dry mount press is to be decided by the teacher	er. T	F
5.		dhesives and film cleaners are flammable and special precaution be taken when using them.	ons T	F
6.	The prir	nt dryer becomes only slightly warm during use.	Т	F
7.	The par	per cutter can cause serious cuts and pinches.	Т	F
8.		on using the paper cutter should cut several pieces at one time ergy and time.	to T	F
9.	The prir	nt dryer should not be used with wet hands or while standing or	n a wet floor. T	F
MUL	TIPLE (CHOICE		
	10.	For cutting panchromatic film in total darkness, the paper cutter should be coated with: (a) luminescent paint, (c) latex paint, (d) a or b above.		
	11.	When using spray adhesives or film cleaners, be subreathing the fumes, (b) store them in a metal cabin around sparks or flames, (d) do all of these.	` ,	
	12.	When using the tacking iron or dry mount press, ex taken due to: (a) the plug-in of the equipment, (b) the equipment, (c) the high temperature of the equipment.	ne style of the	

_____ 14. When the paper cutter is not in use, the blade must be: (a) closed and locked, (b) open and locked, (c) closed and unlocked, (d) open and unlocked.

_____ 13.

loose clothing.

Before using the paper cutter, the student should: (a) put on safety glasses, (b) have the teacher's permission, (c) tie back long hair, (d) tuck in

	15. When using the dry mount press, keep the hands away from: (a) the platen, (d) the mount.
16.	To avoid burns, always draw the tacking iron away from: (a) the print edge, (b) the mount board, (c) the hand, (d) the print center.
17.	To hold paper flat when using the paper cutter, use: (a) the left hand, (b) a ruler, (c) the right hand, (d) a piece of cardboard.
18.	When using the paper cutter, cut the following number of sheets of paper at one time: (a) one, (b) two, (c) three, (d) five.
19.	When closing the platen of the dry mount press, the only two things under the platen should be: (a) the print and tape, (b) the print and mount, (c) the mount and protective shield, (d) the mount and tape.
20.	When finished with the dry mount press or tacking iron, always: (a) turn it off and unplug, (b) leave it plugged in for the next student, (c) unplug only, (d) turn off only.
21.	Write the correct name of each item and its parts in the space provided.
A	
1	3
2	4
В.	
1.	3
	4.
	5
	6
3	
4.	8.

Safety Quiz—Blender	
Class	

Student Name	

Date Grade

- 1. Why is it important to make sure all the legs on the blender are in place?
- 2. Do not fill blender container more than how full?
 - a. ½
 - b. 1/3
 - c. 2/3
 - d. 3/4
- 3. What hazard would occur by not putting the container top on securely?
- 4. Why is it important not to put hand tools in container while operating?

	Safety Quiz—Broiler	Student Name		
		- Grad	le	
1.	Kitchen hoods above broilers need not be cleaned any more the rest of the hoods.	e often than	Т	F
2.	The tray at the bottom of the broiler needs to be changed o	nce a month.	Т	F
3.	Broiler grids need to be wire brushed frequently to avoid but	ildup of grease.	Т	F
4.	Always check to insure that pilot lights are working before t	urning broiler on.	Т	F

T F

Tongs are widely used as a broiler tool.

5.

Safety Quiz—Buffalo Chopper	Student Name)
Class		
	Date	Grade

- 1. What is the best way to learn how to operate a food chopper?
 - Ask a friend.
 - b. Obtain a booklet on the machine and read it.
 - c. Figure it out yourself without help.
- 2. To prevent breakdown, how often should bowl gear be lubricated?
- 3. Must the machine be stopped to change speeds?
- 4. List three important precautions to observe when working with a food cutter.

- 5. When assembling the knives on a food cutter, which knife should be placed on the shaft first?
 - a. The one that is beveled on one side.
 - b. The one that is beveled on both sides.
- 6. Which part of the machine tightens down the knives?
- 7. What part of the chopper should be removed for using attachments?
- 8. Can the food chopper be overloaded, thus causing injury?

Safety Quiz—Convection Oven

6.

Date _____ Grade ____ Dry towels are best for removing food items from an oven. F Т 1. An oven timer controls the operation of an oven. F Т 2. Cooking times are identical for convection ovens or conventional 3. baking ovens. F Т Convection ovens must preheat at least one hour before use. F Τ 4. The circulation fan in a convection oven need not run unless there 5. is food product in the oven. F Т Т F Oven lights should only be used when checking food product.

Student Name____

Safety Quiz—Conventional Oven	;	Student Name_	
Class			
	Date		Grade

- 1. When using a gas oven, what is important before setting a gas thermostat?
- 2. What part of the oven should not be used as a shelf?
- 3. Before opening oven door to examine contents, what should you have in your hands?

- 1. How should the fryer well be cleaned?
- 2. Fryers can be placed anywhere in the kitchen area.

T F

- 3. How much fat should there be in a fryer when ready to use?
- 4. It is okay to have impurities such as salt in the fryer when hot.

T F

- 5. What temperature should the thermostat be set for when ready to use?
- 6. What will prevent spattering?
- 7. What position should the grease outlet be in?
- 8. What will cause fat to bubble up and cause damage or fire?
- 9. When fryer is not in use, should the temperature be lowered and to what degree, if any?

	Safety Quiz—Food Processor	Student Name_		
	Class	Date	Grad	e
1.	Food may be fed into processor by any means availal	ble.	Т	F
2.	Can a processor be used with a damaged cord?			
3.	How much food can be put into a processor bowl at o	ne time?		
4.	Why is the locking system built into the processor?			
5.	The processor may be used next to a stove or frying u	unit.	Т	F
6.	Can food be removed from the processor while it is in	motion?		
7.	How should blades and disc be handled?			
8.	Can attachments be interchanged from one machine different models?	to another if they	are	
9.	When should the processor be unplugged?			
10.	Can the processor base unit be washed with the attace of the answer is no, why not?	chment?		

,	Safety Quiz—Gas Cheese Melter	Student Name		
	ClassDate	<u> </u>	Grade _	
1.	What hazard could occur from the pilot not being lit when cheese melter?	turning on		
2.	Grease fires can be a hazard when operating the cheese	melter.	Т	F
3.	What precaution should be taken when removing food fro cheese melter?	m the		
4.	Broiling steaks in the cheese melter is permissible if in a h	nurrv.	Т	F

T F

The top of the cheese melter is a good place to keep food hot.

Safety Quiz—Gas Range	Student Name	
Class		
	Date	Grade

- 1. Why should you wear your clothing snug and your sleeves rolled or snug?
- 2. What is the first thing you do after cleaning the range?
- 3. Why shouldn't you use water on a grease fire?
- 4. What should you watch for when deglazing pans?
- 5. What is the purpose of lighting back burners first?

Safety Quiz—Griddle	Student Name_	
Class	_	
	Date	Grade

- 1. Why should you check the grease trap daily?
- 2. What two ingredients found in the kitchen should you always have near the griddle?
- 3. What precautions should you take when cleaning the griddle?
- 4. Why is loose clothing a hazard when working around the griddle?
- 5. Why should pan handles always be kept inward?

Safety Quiz—Large Food Mixer

Date _____ Grade ____ Hard food products should be started at a high mixer speed. T F 1. Under no condition should your hand be placed inside the bowl 2. while the mixer is moving. T F 3. It is possible to change mixer speed when the mixer is operating. T F 4. Start the mixer with the bowl lowered, and then slowly raise the bowl to the raised position. F i. T Ask for help when lifting a heavy mixer bowl. T F 5. It is easiest to remove the mixer attachment while the mixer bowl 6. is raised. T F

Student Name___

Safety Quiz—Meat	Grinder
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Date _____ Grade _____ The cutting blade edges should face away from you when assembling 1. the grinder. T F It is not always necessary to use the stomper when pushing food down 2. the feed tube. T F Place the pan receiving the ground product on the floor in front 3. of the grinder. T F Keep all the grinder parts together to keep parts from being misplaced. T F 4. T F Never place fingers inside grinder feed tube. 5. Large pieces of meat can easily be pushed down the grinder feed tubes. T F 6.

Student Name____

F

- 1. What is the easiest way to check if the meat saw is properly set-up?
- 2. What should be used to push the meat through the saw blade?
- 3. Why is it important to shut off the saw before cleaning?
- 4. What hazard could occur if your mind is not on your task while operating
- 5. the meat saw
- 6. If the blade binds during operation, force meat against the saw blade or
- 7. wiggle it free.
- 8. Turning away from saw to talk while operating it is recommended. T F
- 9. How many guards are on your meat saw?
- 10. It is not important for the saw to be level, since the blade will work anyway. T F
- 11. It is good practice to get the motor washed down with lots of water. T F

Safety	Quiz-	-Sli	cer

Student Name_____

Date _____ Grade ____

1. What is the proper procedure used when slicing foods on the slicer?

2. What is the proper procedure used for cleaning the slicer?

3. Why is forcing food through the slicer a dangerous practice?

4. What should the indicator knob be adjusted to when slicing is finished?

5. Why is it so important not to distract the operator when slicing?

6. What is the procedure for sharpening the slicer?

Safety Quiz—Steam Kettle

Student Name

Date _____ Grade ____

- 1. What are the proper precautions for bleeding the petcock?
- 2. What is the first thing you assume about any steam kettle?
- 3. Why should you always have dry towels and/or oven mitts on your station?
- 4. What problems can condensation on the lid produce?
- 5. What is the purpose for lifting the lid away from you?

Safety Quiz—Steam Table

Student Name

Date _____ Grade ____

- 1. When should the water be placed in the steam table?
- 2. Why is it safer not to leave utensils in the pans?
- 3. What is the proper procedure for removing the cover from the steam table?
- 4. Why is filling the steam table with the right level of water so important?
- 5. What is the proper procedure for emptying the steam table?

Safety Quiz—Tilting Brazier

7.

Date _____ Grade ____ You cannot overheat a tilting brazier. T F 1. Use wooden utensils whenever possible to avoid "dinging" the 2. brazier bottom. T F Always start cooking in a "cold" brazier. T F 3. Clean your brazier while the unit is still hot. T F 4. The unit will heat faster if the thermostat is turned to maximum T F 5. Never preheat the pan for over five minutes at a temperature 6. higher than 300° F. F

An empty brazier that is too hot is in danger of warping.

Student Name____

Т

T F

Safety Quiz—Toaster	aster Student Name	
Class		
	Date	Grade

- 1. What part of the toaster should be checked regularly for safety reasons?
- 2. What should be done to the machine before removing stuck toast?
- 3. Why is it important to be careful when trying to remove stuck toast?

-		Student Name	
	ClassDa	ate	Grade
1.	What is the easiest way to check if the power shredder is	properly set-up)?
2.	The proper tool for pushing the food into the shredder plants. a. Rubber spatula b. Spoon c. Plunger d. Tongs	ate is?	
3.	Why is it important that apron strings are tied and hair is machine?	restrained while	operating
4.	For one-person operation, it is recommended that you how while feeding food.	old the catch par	n T F
5.	If food fails to fall out of shredder outlet, it's best to turn of examining.	off power before	ΤF
6.	Pushing the food as hard as possible into the blades will done faster.	get your job	T F
7.	What is the last thing you should do before being "done"	with machine?	

Robotics Written Test

use	the correct heading and write the answer on your own paper. Using the BEST answer to complete
follo	wing:
1.	Move the robot arm (Slowly Quickly) from point to point when in the teach mode.
	The operator (Does not Does) need to understand the program of robot actions and motions prior to use of the robot.
	Eye protection (Is not Is) required when operating robots in the technology lab.
	The operator must stay (Clear of Within) the work envelope when the robot is executing
	the program.
List	five SAFETY procedures you should do before you operate this machine:
5.	
6.	
7.	
8. [°]	
9	

Soldering Station/Pencil Written Test

Use the correct heading and write the answer on your own paper. Using the BEST answer to complete the following:

the	e following:
1.	Eye protection (Should Should not) be worn at all times in the laboratory.
2.	(☐ Only the tip ☐ All of) of the soldering equipment is hot when it is on.
3.	The soldering equipment should be (□ In its holder □ Laid on the bench) after
	use.
4.	(☐ It feels cool to ☐ Do not) let any of the melted solder touch your skin.
Lis	It five SAFETY procedures you should do before you operate this machine:
5.	
6.	
7.	
8.	
9.	