

Student Activities

I Saw That!

See if you can find these 10 saw words in the puzzle below. To double the fun, each one appears twice.

Band Chop **Circular Reciprocating** **Jig Miter** **Radial Arm Saber** **Saw Table**

T	G	M	N	R	E	G	I	P	N	G	P	E	W
O	B	I	W	A	S	A	W	A	R	O	L	B	U
R	A	T	J	D	E	J	C	E	H	B	J	A	L
M	R	E	C	I	P	R	O	C	A	T	I	N	G
R	O	R	H	A	X	I	T	T	M	E	G	D	U
A	S	B	O	L	E	J	A	G	B	S	X	C	P
L	E	O	P	A	U	L	B	Q	A	G	O	R	E
A	N	S	C	R	N	U	L	B	R	E	B	A	S
I	A	T	G	M	I	T	E	R	S	O	X	R	O
D	N	A	B	E	Q	R	A	L	U	C	R	I	C
A	P	X	C	I	R	C	U	L	A	R	O	X	A
R	G	N	I	T	A	C	O	R	P	I	C	E	R

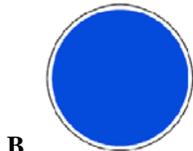
Always, Always/Never, Never!

Some things never change — like the basic rules for using power tools any place, any time. Complete each one of the 10 phrases below with important “Always” and “Never” rules that you recall.

1. When using power tools **ALWAYS** wear _____
2. Before you plug in any power tool, **ALWAYS** make sure _____
3. When you finish using any power tool **ALWAYS** _____
4. **NEVER** attempt to use any power tool without reading _____
5. Before you use a tool, **ALWAYS** make sure all guards are _____
6. **NEVER** use power tools when you are _____
7. If you need an extension cord outdoors, **ALWAYS** _____
8. **NEVER** use any power tool accessory except _____
9. Before starting a job, **ALWAYS** make sure the work area is _____
10. When using hand-held power tools, **ALWAYS** _____

Picture This!

We've talked safety up and down, but do you recognize safety symbols when you see them? Match the drawing to the warning.



SAFETY ALERT SYMBOL IS A SYMBOL THAT INDICATES A HAZARD

WARNING INDICATES A HAZARDOUS SITUATION WHICH, IF NOT AVOIDED, COULD RESULT IN DEATH OR SERIOUS INJURY

DANGER INDICATES A HAZARDOUS SITUATION WHICH, IF NOT AVOIDED, WILL RESULT IN DEATH OR SERIOUS INJURY

WEAR APPROPRIATE EYE PROTECTION AND HEARING PROTECTION

HAZARD ALERTING SAFETY SYMBOL

CAUTION INDICATES A HAZARDOUS SITUATION WHICH, IF NOT AVOIDED, COULD RESULT IN MINOR OR MODERATE INJURY

WEAR APPROPRIATE EYE PROTECTION, HEARING PROTECTION, AND RESPIRATORY PROTECTION

SAFETY INSTRUCTION (OR EQUIVALENT) SIGNS INDICATE SPECIFIC SAFETY-RELATED INSTRUCTIONS OR PROCEDURES

WEAR APPROPRIATE EYE PROTECTION



NOTICE IS USED TO ADDRESS PRACTICES NOT RELATED TO PHYSICAL INJURY



USE TWO HANDS



NO HAND NEAR BLADE/CUTTING AREA



WEAR APPROPRIATE EYE PROTECTION AND DUST MASK



PROHIBITION SAFETY SYMBOL



MANDATORY ACTION SAFETY SYMBOL

You Call It!

Do you know your Power Switch from your Push Stick? Prove it by matching the safety term on the left to the correct definition on the right.

Power Switch	Required Reading
Goggles	Safety Science Company
Guard	Occurs when you use damaged sanding discs
Pushblock	Safety device that senses electric leaks
Skipping	Offers you “On” and “Off” control
GFCI	Holds workpiece firmly in place
Kickback	Workhelper to keep hands safely away
UL	Necessary protective device that partially covers blades, cutters or bits
Owner’s Manual	Sudden, unexpected, dangerous tool or workpiece movement
Clamp	Required attire

Answer Key:

The following pages offer quizzes and activities that can test and exercise your students' knowledge of power tool safety principles. Also use these activities to keep students occupied productively when you are involved in setting up equipment or procedures. Quiz/ activity answer keys appear on this page. The quizzes and activities themselves follow.

I Saw That

T	G	M	N	R	E	G	I	P	N	G	P	E	W
O	B	I	W	A	S	A	W	A	R	O	L	B	U
R	A	T	J	D	E	J	C	E	H	B	J	A	L
M	R	E	C	I	P	R	O	C	A	T	I	N	G
R	O	R	H	A	X	I	T	M	E	G	D	U	
A	S	B	O	L	E	J	A	G	B	S	X	C	P
L	E	O	P	A	U	L	B	Q	A	G	O	R	E
A	N	S	C	R	N	U	L	B	R	E	B	A	S
I	A	T	G	M	I	T	E	R	S	O	X	R	O
D	N	A	B	E	Q	R	A	L	U	C	R	I	C
A	P	X	C	I	R	C	U	L	A	R	O	X	A
R	G	N	I	T	A	C	O	R	P	I	C	E	R

Always, Always/Never, Never

- 1- Goggles
- 2 – The power switch is off
- 3 – Unplug it and put it away
- 4 – The manual
- 5- Attached & working
- 6- Tired or under the influence of alcohol or drugs
- 7- Choose one rated for outdoor use
- 8- Those the tool manufacturer approves
- 9- Clean, dry, well-lit
- 10- Keep a firm grip on them

Picture This

- A – Hazard Alerting Safety Symbol
- B – Mandatory Action Safety Symbol
- C – Prohibition Safety Symbol

E – Safety Alert Symbol is a symbol that indicates a hazard

F – DANGER indicates a hazardous situation which, if not avoided, will result in death or serious injury.

G – WARNING indicates a hazardous situation which, if not avoided, could result in death or serious injury.

H – CAUTION indicates a hazardous situation which, if not avoided, could result in minor or moderate injury.

I – NOTICE is used to address practices not related to physical injury.

J – Safety instruction (or equivalent) signs indicate specific safety-related instructions or procedures.

K – Wear Appropriate Eye Protection.

L – Wear Appropriate Eye Protection and Hearing Protection.

M – Wear Appropriate Eye Protection and Respiratory Protection.

N – Wear Appropriate Eye Protection, Hearing Protection, and Respiratory Protection.

O – Use Two Hands.

P – No Hands Near Blade/Cutting Area.

You Call It!

Power Switch - Offers you “On” and “Off” control.

Goggles - Required attire.

Guard - Necessary protective device that

partially covers blades, cutters or bits.

Pushblock - Workhelper to keep hands safely away.

Skipping - Occurs when you use damaged sanding discs.

GFCI - Safety device that senses electric leaks.

Kickback - Sudden, unexpected, dangerous tool or workpiece movement.

UL - Safety Science Company

Owner’s Manual - Required reading.

Clamp - Holds workpiece firmly in place.