

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.

- | | | | |
|----------|---|-------|---|
| A |  | ----- | HOLD SAW WITH BOTH HANDS |
| B |  | ----- | CAUTION: indicates a potentially hazardous situation which, if not avoided, may result in minor or moderate injury. |
| C |  | ----- | SAFETY ALERT |
| D |  | ----- | DANGER: indicates an imminently hazardous situation which, if not avoided, will result in death or serious injury. |
| E |  | ----- | WEAR EYE PROTECTION |
| F |  | ----- | PROHIBITION |
| G |  | ----- | WARNING: indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury. |
| H |  | ----- | KEEP HANDS AWAY FROM BLADE |
| I |  | ----- | READ AND UNDERSTAND INSTRUCTION MANUAL |
| J |  | ----- | SUPPORT AND CLAMP WORK |
| K |  | ----- | CAUTION: indicates a potentially hazardous situation which, if not avoided, may result in minor or moderate injury. |

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	Underwriters Laboratories
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 and 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	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!

- F- No Hands Near Blades
- H -No Jewelry
- B -Use the Handle and a Firm Grip
- A -Plan Your Project
- G -Don't Overreach
- D -Use Pushsticks
- E -Dry Conditions Only
- C -No Alcohol (or drugs)

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-Underwriters Laboratories.

Owner's Manual-Required reading.

Clamp-Holds workpiece firmly in place.