

# 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.*

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