

# Career & Technical Education Vocabulary Collection Chart

This activity was modified from an existing vocabulary strategy\* used in reading fiction. It has been modified to be used when reading manuals, instructions or other material for operating software and/or machinery in Career and Technical Education (CTE) middle or high school courses.

Please note that when working with a graphic organizer, such as this one, there is no grading key. This activity is used to encourage thinking and analyzing skills and to promote the study of vocabulary for increased retention and understanding of the content vocabulary.

## SUGGESTED IMPLEMENTATION

The activity could be presented in the following ways:

- as a teacher-led activity as the article is read aloud; with teacher wrap-up
- or as a group activity, with a longer reading assignment, each group is assigned a portion of an article and fills out the entire form while reading the article aloud or silently; group looks up definitions
- or groups could be assigned different categories, then groups share categories with the whole class, teacher leads definition wrap-up;

When the activity is introduced for the first time, it is suggested that it is presented as a “teacher-led” class participation.

## WRAP UP

If the activity is performed individually or within groups, it is important to make time for teacher-led wrapping up of the activity to correct any misunderstanding, misinformation and to provide in-depth clarification.

When used on a regular basis, these vocabulary activities will flow more efficiently; students will understand what is required of them and should start to see connections between the vocabulary used in software and machinery operation and vocabulary within the industry certification exams, as well as making connections to vocabulary in academic content.

Encourage students to use the proper vocabulary when operating software or machinery, and when writing reports or other project writing assignments.

*\*This activity is based on an activity posted on the West Virginia Department of Education website called the Language Collection Sheet, modified by Pamela Lopez, Curriculum Specialist, Miami-Dade County Public Schools. For questions contact [pamelalopez@dadeschools.net](mailto:pamelalopez@dadeschools.net)*

# FEATURES

Your saw is designed to perform as a versatile, accurate, precision cutting tool that is easy to operate.

It is equipped with the following features for convenience, ease of use, and high-quality performance:

- a combination saw blade
- a bevel indicator to set the exact angle of the blade, with locking lever
- an adjustable and reversible sliding miter table
- an adjustable miter fence with miter indicator
- an adjustable accessory table
- an adjustable rip fence with scale indicator
- an adjustable riving knife (splitter) and blade guard with anti-kickback pawls

- front and rear guide rails with an easy-to-read scale on front rail
- a dust exhaust that can be adapted to a standard shop vacuum
- blade adjusting handle to set depth of cut
- switch with lockable cover plate to help prevent unauthorized use

These features provide ease of cutting with all types of wood.

## **⚠ WARNING:**

Before attempting to use your table saw, familiarize yourself with all operating features and safety requirements.

## GETTING TO KNOW YOUR SAW

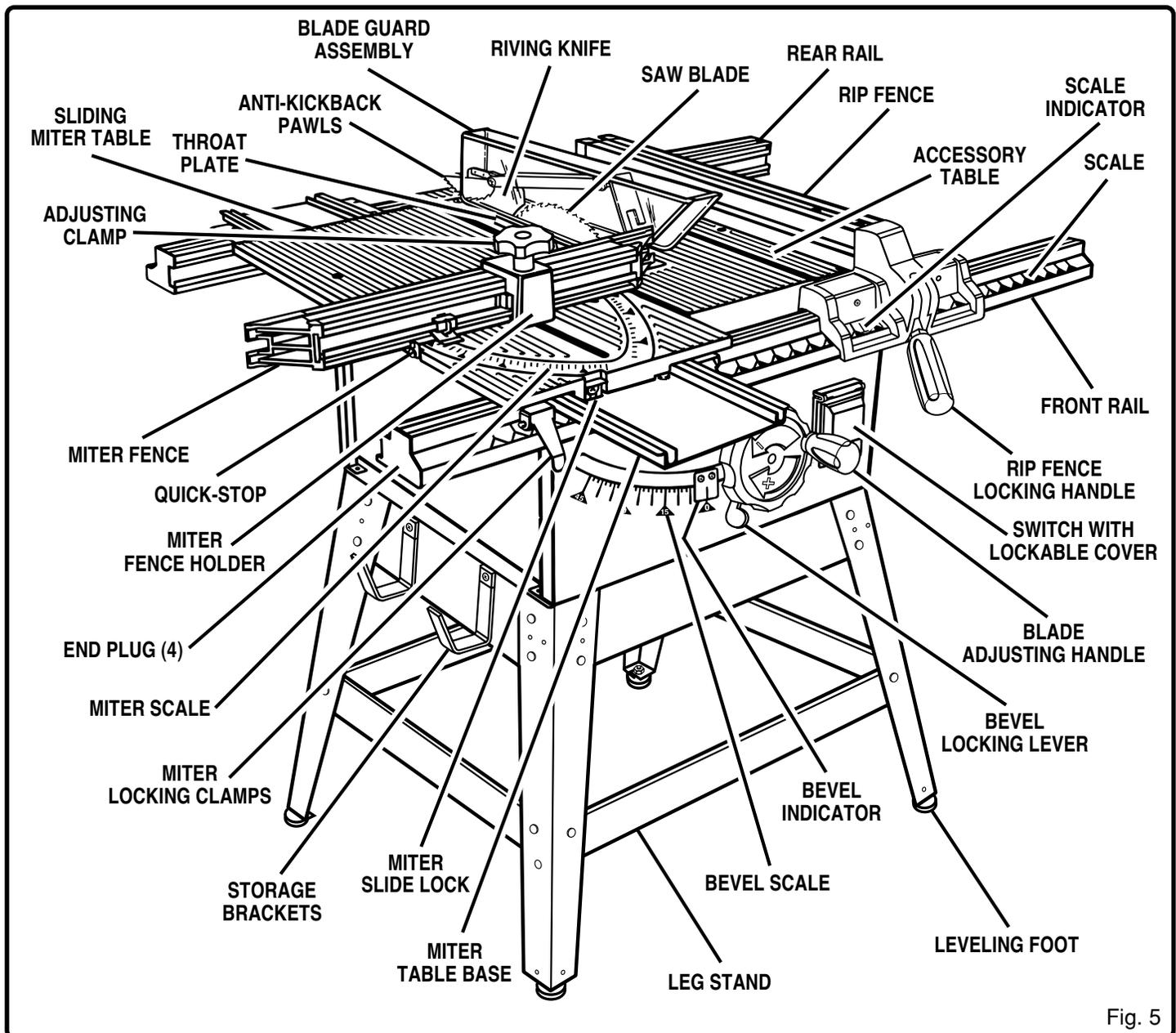


Fig. 5

## Career & Technical Education

### Vocabulary Collection Chart

As you read the instructions or manual, fill in this chart with words that fit each category (words may fit more than one category.)

<b>Words that describe the machinery or software</b>	<b>Words that indicate an action</b>	<b>Words that describe steps of instruction</b>
<b>Words or phrases that predict a successful ending of activity</b>	<b>Words or phrases that indicate problems that may arise</b>	<b>Words that describe troubleshooting actions</b>

## Career & Technical Education Vocabulary Collection Chart

With Examples from Saw Operating Features Handout

As you read the instructions or manual, fill in this chart with words that fit each category (words may fit more than one category.)  
Leave space for notes.

<p><b>Words or phrases that describe the machinery or software (5-6)</b></p> <p style="color: blue;">Versatile</p> <p style="color: blue;">Accurate</p> <p style="color: blue;">combination</p> <p style="color: blue;">miter</p> <p style="color: blue;">adjustable</p> <p style="color: blue;">reversible</p>	<p><b>Words that indicate an action</b></p> <p style="color: blue;">Equipped</p> <p style="color: blue;">Perform</p> <p style="color: blue;">Use</p> <p style="color: blue;">Attempting</p> <p style="color: blue;">Adjusting</p> <p style="color: blue;">sliding</p> <p style="color: blue;">Prevent</p> <p style="color: blue;">Locking</p> <p style="color: blue;">Leveling</p> <p style="color: blue;">Miter</p> <p style="color: blue;">Stop</p>	<p><b>Words or phrases that describe steps of operation</b></p> <p style="color: blue;">Set the exact blade</p> <p style="color: blue;">Ease of cutting</p> <p style="color: blue;">Familiarize yourself with operating features and safety requirements</p> <p style="color: blue;">unauthorized use</p>
<p><b>Words or phrases that indicate various ways to use machinery or software</b></p> <p style="color: blue;">Cutting</p> <p style="color: blue;">Miter</p> <p style="color: blue;">Bevel</p> <p style="color: blue;">Rip</p> <p style="color: blue;">All types of wood</p>	<p><b>Words or phrases that predict a successful ending of use of machine or software</b></p> <p style="color: blue;">Ease of Use</p> <p style="color: blue;">Accurate</p> <p style="color: blue;">High-quality performance</p> <p style="color: blue;">Quick stop</p>	<p><b>Words that describe troubleshooting actions</b></p> <p style="color: blue;">None in this article</p>

## Career & Technical Education Vocabulary Collection Chart

This example shows the notes (written in red) students might include when the teacher wraps up the activity. The definitions for vocabulary could be done as part of a group activity with students using a dictionary. Vary or modify this activity to your content, see suggested activities below.

As you read the instructions or manual, fill in this chart with words that fit each category (words may fit more than one category.)  
Leave space for notes.

<p><b>Words or phrases that describe the machinery or software (5-6)</b></p> <p>Versatile - able to be used in different ways            Accurate - correct, free from errors, to standard            Combination - a mixture of different actions            Miter - diagonal or corner cut usually at 45degrees angle            Adjustable - able to change or adjust something (measurements)            Reversible - able to change directions of operation</p>	<p><b>Words that indicate an action</b></p> <p>Equipped - already installed            Perform            Use            Attempting            Adjusting            sliding            Prevent            Locking            Leveling - to make machine level or perpendicular with floor            Miter - cut angled corner            Stop - shut down saw blade</p>	<p><b>Words or phrases that describe steps of operation</b></p> <p>Set the exact blade            Ease of cutting            Familiarize yourself with operating features and safety requirements            unauthorized use            Don't forget safety goggles &amp; have to complete safety test before operating the saw</p>
<p><b>Words or phrases that indicate various ways to use machinery or software</b></p> <p>Cutting            Bevel            Rip            All types of wood            Studied the drawing of the machine</p>	<p><b>Words or phrases that predict a successful ending of use of machine or software</b></p> <p>Ease of Use            Accurate            High-quality performance            Quick stop            Looked at examples of well-done and poorly done mitered corners</p>	<p><b>Words that describe troubleshooting actions</b></p> <p>None in this article            Will be part of another assignment</p>