



Lesson #11: How to use a Saw

Objectives

Students will be able to...

- Use a saw in a safe manner and identify the different parts of a saw.

Common Core Standards

Cabinetmaking and Wood Products Pathway

A1.4, A1.7, A2.1, A2.2, A3.1, A2.3, A6.1, A6.2 A3.4, A6.7, A4.1, A5.1, A5.2, & A5.4

Residential and Commercial Pathway

D2.1, D2.2, D3.1, D3.3, & D4.1

Reading 11-12.4

Writing 11-12.1

RIST 11-12.2

Problem Solving/Critical Thinking 5.4

Health and Safety 6.2, 6.3, 6.6, & 6.12

Responsibility and Leadership 7.4 & 9.3

Demonstration and Application 11.1

Technical Knowledge and Skills 10.1, 10.2, & 10.3

Materials

Example of a Saw

YouTube video <https://www.youtube.com/watch?v=IFbA-tG4wwA>

YouTube video <https://www.youtube.com/watch?v=mObp8UatQXM>

Saw Review Worksheet

Lesson Sequence

- Show the *Example of the Saw* to the class. Ask students to tell you what they already know about it. Then begin by introducing the functions of the saw to the class. (5-10 minutes)
- Watch the *YouTube video* <https://www.youtube.com/watch?v=IFbA-tG4wwA> Answer any questions students may have (15 minutes)
- Watch the *YouTube video* <https://www.youtube.com/watch?v=mObp8UatQXM> Answer any questions students may have (10 minutes),

- Pass out the *Saw Review Worksheet*. Have students work on this individually so you can use this information to tell you what information they understand and what may need to be re-taught. (15-20 minutes)

Assessment

Use data from the saw review worksheet.

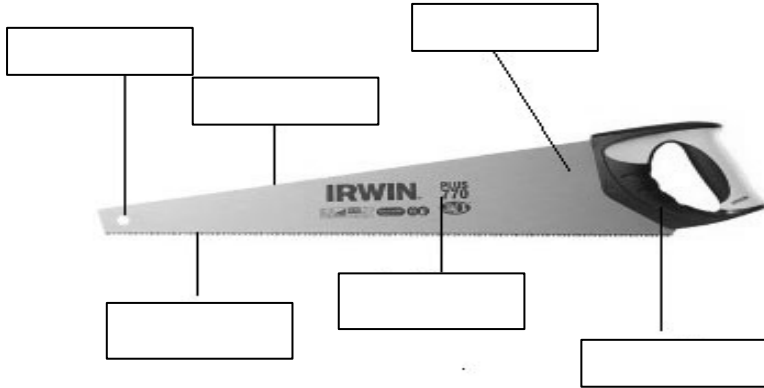
Accommodations/Modifications

One on One Support
Check for Understanding
May Use Notes for Saw Review Worksheet If Needed

Saw Review Worksheet

Directions: Fill in the blanks below with the appropriate answers.

1. List the parts of the saw:



2. Name the two types of saw families: _____

3. Which part of the saw does the cutting? _____

4. Each tooth on the saw blade goes slightly to the left or right. What is this called?

5. The space that the saw creates in the wood in order to let the blade slide through without binding is called the _____.

6. List and describe two other types of saws:

7. The man below is cutting with a saw. At what angle is he cutting the wood at?



Crosscut
Saw

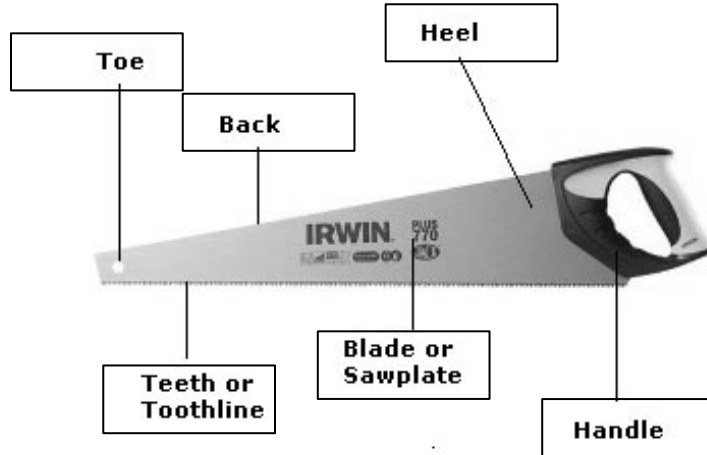


Rip Saw

Saw Review Worksheet-Answers

Directions: Fill in the blanks below with the appropriate answers.

1. List the parts of the saw:



2. Name the two types of saw families: **Crosscut and Rip**

3. Which part of the saw does the cutting? **Teeth**

4. Each tooth on the saw blade goes slightly to the left or right. What is this called? **Set**

5. The space that the saw creates in the wood in order to let the blade slide through without binding is called the **Kerf.**

6. List and describe two other types of saws:

Coping Saw: Small saw used to assist in cutting wood trim

Backsaw: Has a reinforced back in order to assist in making straight cuts

7. The man below is cutting with a saw. At what angle is he cutting the wood at?



Crosscut Saw 45°



Rip Saw 60°