



BASIC HACK SAW

ARE YOU WEARING THE RIGHT SAFETY EQUIPMENT?

Goggles should always be worn when working with any tools that will create dust or cause small particles that can get into your eyes. **Gloves are not encouraged** to be used when using cutting tools. The grip might be affected and can result in an unstable cut.

DO YOU HAVE THE RIGHT TOOLS?

A bench hook and C-clamp secures basswood strips or dowels easily and prevents it from moving. 45 Angles can be cut with ease.

WILL YOU BE SAFE IF YOU START WORKING?

Make sure that there is enough space to work. You'll be using your whole arm each time you saw back and forth. The area around where you are working should be **clear** of books **and tidy**.

WHAT IS THE CORRECT WAY TO USE THE TOOL?

1. Put on **safety goggles** to protect your eyes.
2. Hold the hacksaw with **both hands**—one on the handle and the other on the frame. Use your dominant hand to hold the handle.
3. **Check** if the **blade** is connected properly. If it's dull or broken, let a teacher or adult know.
4. To make sure your cutting is safe and steady, **use both the C-clamp and the bench hook**. If you have a big piece, use a C-clamp to hold it in place on a table. If you're cutting small things, use a bench hook to keep them steady.
5. **Place the blade** on what you want to cut. Hold it steady. **Push forward**, then **pull back** gently. Do this slowly.
6. Watch your fingers and where you're cutting. Keep **fingers away from the blade**.
7. Try to **keep the blade in a straight line**, whether you're cutting up and down or side to side.
8. Take your time while cutting. Let the hacksaw do the work.
9. **Push and pull** the hacksaw until you finish cutting. Don't rush.
10. It's okay if it's not perfect. You'll get better with practice.