

Lesson #5: Air Nailer and Stapler Hands-on

Objectives

Students will be able to...

- Practice using an air nailer and stapler.

Common Core Standards

LS 11-12.6
RSIT 11-12.2
RLST 11-12.2
Health and Safety 6.0, 6.1, 6.2, 6.3, 6.4, 6.5, 6.6
Responsibility and Flexibility 7.7
Technical Knowledge and Skills 10.0, 10.2
Demonstration and Application 11.1
Cabinetmaking and Wood Products Pathway A 4.1
Residential and Commercial Construction Pathway D2.1, D3.1

Materials

Air nailers
Staplers
Staples
Nails
Scrap material
Safety glasses

Lesson Sequence

- Have students grab a pair of safety glasses and join you at a workbench in the shop where you have several types of nailers and staplers already set out.
- Demonstrate the operation and safety for each tool reiterating all major safety points. When complete, have students take turns loading and unloading a nailer or stapler, attach and detach the air hose, and drive a few nails or staples into some scrap material.

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- Have students use the tools in single-action mode, and then in “bump” fire mode (if the tool is equipped for this). If your guns are equipped with a selective fire switch, either demonstrate this feature yourself, or have a volunteer demonstrate how to change fire modes while you describe how it is done.
- Conclude by having the rest of the students drive a few nails or staples to get an idea of how the tools “feel.”
- Go back into the classroom and have students write an exit ticket describing their experience using these tools in the shop today. Collect before they leave the classroom.

Assessment

Monitor student understanding of how to use these tools and the safety of the tools while in the shop. Collect exit ticket before students leave about their experience using these tools today.

Accommodations/Modifications

One on One Support
Partner Students Up
Check for Understanding
Visuals