

Lesson #9: Introduction to Hand Tools

Objectives

Students will be able to...

- Begin to identify the different hand tools.

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

Hand Tools Vocabulary Worksheet

YouTube video <https://www.youtube.com/watch?v=4o0tqF0jDdo>

Lesson Sequence

- Introduce to the class hand tools.
- Pass out the hand tools vocabulary worksheet.
- Watch the *YouTube video* <https://www.youtube.com/watch?v=4o0tqF0jDdo> (33 minutes).
- Have students fill out the *Hand Tools Vocabulary Worksheet* while watching.
- Answer any questions and fill in any vocabulary words that were not discussed in the video. (10-15 minutes)

Assessment

Check for understanding throughout the lesson and video. Call on random students to answer questions you pose to the class.

Accommodations/Modifications

Provide the Vocabulary Worksheet Already Filled Out for Students Who Struggle
Check for Understanding
One-on-One Support

Hand Tool Vocabulary Worksheet

1. Orient

2. Parallel

3. Countersink

4. Pilot hole

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5. Arc

6. Radius

7. Penny (d)

8. Mortise

9. Legible

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10. Corresponding

11. Pivot

12. Intersect

13. Hammer

14. Nail set

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15. Saw

16. Plane

17. Chisel

18. Brace

19. Drill

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20. Tape measure

21. Ruler/yard stick

22. Compass

23. Square

24. T-bevel

25. Marking gauge
