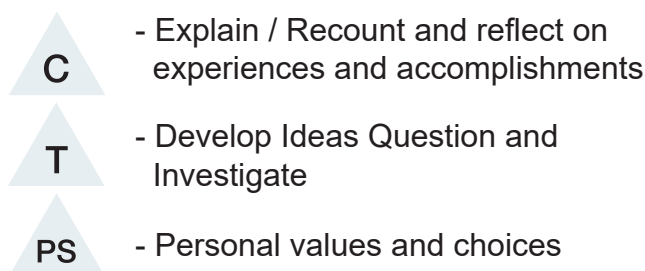


LESSON EIGHT

HAMMER AND NAILS

Core Competencies



Big Ideas

Complex tasks
require the
acquisition of
additional skills

Design can be
responsive to
identified needs

Curricular Competencies

- Record iterations of prototyping.
 - Identify & use appropriate tools for production.
 - Use materials in a way that minimizes waste.
 - Reflect on design & thinking process.
- Demonstrate an awareness of safety.
- Identify criteria for success.

Content

- Woodworking techniques.

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MATERIALS

- Info / process safety booklet
- Wood Base
- Design Layout
- Tape
- Nails (50)
- Hammer

ASSESSMENT

- Questions answered in process booklet
- Safety questions answered
- Correct nail depth
- Straight nails

STRATEGIES

- Display class plan.
- Use visuals & graphics.
- Simplify sentence structure.

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- Students will be able to describe components of hammers and nails.
- Students will be able to hammer nails into appropriate pre determined locations.
- Students will be able to hammer nails accurately and safely.

- This lesson introduces the process of hammering a nail into wood. The students will learn about hammers & nails, along with the safety issues involved. The students will demonstrate the skill by applying what they have learned to their project.

Attendance - Check to make sure students are in attendance.

Warm up

- Review class agenda (on board)
 - Introduce Hammer and Nails
 - Parts of a hammer
 - Parts of a nail
 - Demonstrate Nailing process
 - Fill out process and safety booklet
 - Student work time
 - Clean up
 - End of class check in

20

Presentation

- What is a Hammer
 - **neck, face, handle, claw, cheek**
- What is a Nail
 - **Head, shaft, point**
- Discuss safety
 - Hand positions
 - Square blow
- Place layout on board & tape down
- Show students how to determine depth
 - Not too deep or will go through board
 - Not too shallow or will pull out
 - Hold nail up to board
 - Determine depth and mark
- Hammer nail into board in pre determined locations

PREP - make sure that 50 nails are prepackaged in ziplock bags for students.

LESSON EIGHT

HAMMER AND NAILS

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Presentation (cont)	<ul style="list-style-type: none">- Repeat till all nails are in board at same depth- Remove layout from the board- Fill out process and safety booklet
Practice	<ul style="list-style-type: none">- Students will now have class time to begin hammering nails into their wooden base.- Connect verbally with all students & discuss any questions or concerns that come up. <p>(If students need more time, a portion of the next block of class will also be dedicated to hammering.)</p>
Clean up	<ul style="list-style-type: none">- Students will store their projects in cubbies.- Students will return tools to their proper locations.- Students will clean up their workstations<ul style="list-style-type: none">- Clean off work bench- Sweep up the floor- Misc. Housekeeping jobs
Reflection	<ul style="list-style-type: none">- Review students progression- Inform students about what is happening next class: (Nailing / Stringing)

TIME

30

10

5

80

NOTES