



AMART

Flexible Instruction Day 2

Assignment #2

Learning Standard	Framework (pa.gov) Pick learning standards from the crosswalk
Task # & Description	406 Identify and use bench hand tools.

CONTACT INFORMATION/ASSISTANCE

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I will be available by email from 7:40-12, and 12:30-3:10 to answer your questions. Please reach out if you are having difficulty completing your assignments.

INSTRUCTIONS

Complete all activities independently using your classroom knowledge. No internet is required.

Name: _____

Session: _____

____ / ____ points

Part 1 – Tool Identification

Match the hand tool with the correct use.

Tool	Letter
Ball Peen Hammer	_____
Combination Wrench	_____
Screwdriver	_____
Allen Wrench	_____
Adjustable Wrench	_____
Center Punch	_____
File	_____
Needle Nose Pliers	_____
Tape Measure	_____
Hacksaw	_____

Uses

- A. Measures distance or length
- B. Tightens or loosens hex bolts
- C. Used to cut metal by hand
- D. Used to mark a starting point for drilling
- E. Used to grip small objects in tight areas
- F. Used to remove small amounts of material
- G. Tightens different sizes of nuts and bolts
- H. Drives screws into material
- I. Used in metalworking and striking punches
- J. Used on socket-head cap screws

Part 2 – Multiple Choice

Circle the best answer.

1. Which tool is designed to cut metal manually?

- A. File
- B. Hacksaw

- C. Pliers
 - D. Screwdriver
-

2. Which tool is commonly used before drilling a hole?

- A. Tape Measure
 - B. Ball Peen Hammer
 - C. Center Punch
 - D. Adjustable Wrench
-

3. Which tool is best for tightening a hex-head bolt?

- A. Combination Wrench
 - B. File
 - C. Screwdriver
 - D. Hammer
-

4. Needle nose pliers are most useful for:

- A. Cutting large steel plate
 - B. Measuring stock
 - C. Gripping small objects in tight spaces
 - D. Drilling holes
-

5. Which tool removes small amounts of material from a workpiece?

- A. File
 - B. Hacksaw
 - C. Tape Measure
 - D. Wrench
-

6. What is the safest way to carry a sharp hand tool?

- A. Swinging it at your side
 - B. In your pocket
 - C. Pointed downward at your side
 - D. Throwing it to another person
-

7. Which tool is commonly used with socket-head cap screws?

- A. Allen Wrench
 - B. Ball Peen Hammer
 - C. Tape Measure
 - D. Adjustable Wrench
-

8. A tape measure is used to:

- A. Tighten bolts
 - B. Measure distance
 - C. Cut metal
 - D. Mark drill holes
-

9. Which hammer is commonly used in machining and metalworking?

- A. Sledge Hammer
 - B. Rubber Mallet
 - C. Ball Peen Hammer
 - D. Framing Hammer
-

10. Which tool should NOT be used as a hammer?

- A. Ball Peen Hammer
 - B. Adjustable Wrench
 - C. Dead Blow Hammer
 - D. Soft Face Hammer
-

Part 3 – True or False

Write TRUE or FALSE.

- _____ Hand tools should be kept clean and organized.
- _____ A damaged tool should still be used if it works.
- _____ Safety glasses should be worn while using hand tools.
- _____ Files should have handles installed before use.
- _____ Hand tools should be returned to their proper storage area.
- _____ Adjustable wrenches fit every fastener perfectly.
- _____ Loose tools on the floor can create safety hazards.
- _____ Measuring tools should be handled carefully to maintain accuracy.

Part 4 – Tool Safety Situations

Circle the safest choice.

1. You notice a cracked hammer handle.

- A. Continue using it**
- B. Tape it together**
- C. Report it and stop using it**
- D. Hit softer**

2. A classmate asks you to throw them a screwdriver.

- A. Throw it carefully**
- B. Slide it across the floor**
- C. Hand it to them safely**
- D. Ignore them**

3. You finish using a tool during class.

- A. Leave it on the machine**
- B. Put it back in the proper location**
- C. Put it in your pocket**
- D. Leave it on the floor**

4. Which PPE should be worn when using striking tools?

- A. Sandals**
- B. Safety Glasses**
- C. Loose gloves near rotating equipment**
- D. Hoodie strings**

5. Before using a hand tool, students should:

- A. Inspect it for damage**
- B. Throw it to another student**
- C. Modify it without permission**
- D. Use it improperly**

Part 5 – Tool Application Match

Match the task with the best tool.

Task	Letter
Measuring material length	_____
Removing material from an edge	_____
Tightening a bolt	_____
Marking a hole location	_____
Cutting threaded rod	_____

Tools

- A. File**
- B. Tape Measure**
- C. Hacksaw**
- D. Center Punch**
- E. Combination Wrench**