Watch videos:
https://techtv.mit.edu/videos/142-machine-shop-1

Name:__________________

1. By Signing below, I affirm that I have read/ watched and understand the following required training elements of the Student Shop Blue Tag:
   - Drill Press SOP
   - Horizontal Band Saw SOP
   - Watched Training video #1 Drill press and horizontal band saw MIT video

Signature:_____________________________                      ___  
Date:______________________________

1. Which of the following is the LEAST likely to create a safety problem?
   a. Removing chips by hand while the drill bit is turning.
   b. Drilling a large diameter hole into a workpiece you are holding by hand.
   c. Running the drill bit at too low of a speed without lubricant.
   d. Running the drill press with the belt guard open.

2. A large drill bit is more likely to grab and throw the workpiece off the table
   a. Yes
   b. No

3. You can lose shop privileges lots of different ways. Which way below is the most serious?
   a. Not cleaning up after you are done
   b. Breaking or borrowing tools without talking to shop supervisor
   c. Using tools you are not trained on
   d. Using the machinery to do woodworking.

4. The quill stop is commonly used for:
   a. Stopping the rotation of the spindle
   b. Controlling the depth of the drilling operation
   c. Keep the quill from rotating when the unit is turned on
   d. Braking the spindle to a stop so the bit can be changed

5. Which of the following best describes the role of the shop supervisor?
   a. A person with great expertise to mentor students in their shop activities so that they can learn by doing.
   b. Someone who oversees the shop to ensure the work is conducted safely and orderly
   c. The person you talk to first when entering the shop area to describe what you want to do.
   d. All of the above
6. It is important to know where the power switches are on powered tools. On the horizontal bandsaw, it is located on the:
   a. Tool base near vise.
   b. Tool base near miter pivot.
   c. Tool head at idler wheel end
   d. Tool head on motor driven wheel end

7. When setting the moveable arm guides, it should be no more than 2" from the workpiece.
   a. True
   b. False