

Objectives: Students will complete a 5s assessment of the woodshop. Based on the results of their assessment, students will make changes to the woodshop that incorporate the principles of 5s.

Preparation and Materials Needed:

- Computer access
- YouTube ready to show on a projector screen with Audio
- 5s Guide
- 5s Poster
- 5s Assessment system

Process: Students will watch the YouTube video “FastCap Lean Tour 2.0” After watching the video, students will discuss what they saw. The students will then read the 5s Guide. In small groups, students will discuss how they would 5s the woodshop. Using the 5s Guide they will conduct the 5s process in one aspect of the woodshop. Students will present their findings to the class. Upon review, Students will implement the changes to the shop. After 1 month, students will reassess the changes made to the shop.

Tasks:

- Introduce the concept of 5s.
- Play “FastCap Lean Tour 2.0” YouTube video (<https://youtu.be/EqtKKkastWk>) to show an example of 5s.
- Log on to learning management system and access 5s Guide.
- Read the 5s Guide.
- Display 5s poster for students to reference during their 5s audit.
- Break students down into small groups of 3-4 students.
- Have students choose one area of the woodshop to conduct their 5s audit.
- Have students assess the current woodshop setup for their chosen area.
- Students will list actionable items that can be done to 5s their area.
- Students will present their list to the class.
- Upon review and approval from the instructor, students will provide a needed material list for items they require to make the 5s changes.
- Students will make the changes. For example, moving tools closer to where they will use them.
- After 1 month, students will assess another groups 5s change to evaluate it for the principles of 5s.

Closure: Lead a reflective discussion about the process. How do the changes made make you more efficient in the shop? Will this help you be more productive? Can you apply the 5s principles to other aspects of your life?