



Activity 6.3b – Processes

Purpose

In order to process raw materials into products we perform certain functions. These functions fall into four general categories, forming, conditioning, fastening, and finishing. Almost every product made requires multiple processes to be brought to market.

Materials

PowerPoint®
Web and other resources
Digital Camera

Procedure

1. In groups of 2, students will select a material group of their choice.
2. Students will identify at least 10 different processes that are specific to manufacturing products from that group.
3. Students will create a sample demonstration of one of the processes.
4. Students will select one of the processes to be the focus of a 3 to 5 minute PowerPoint presentation. Every group should have a different process.
5. Students will present their PowerPoint® and demonstrate their process to the class.

PowerPoint should include:

- Ten processes identified
- An example of a product made from the material category with the process selected
- Explanation of the selected process. (each group should select a different process)
- Demonstration of the process
- Environmental impact of the process

Conclusion

