**Manufacturing**

Welcome to Manufacturing. This is a FULL YEAR course that will meet here in the materials lab every day. The following is a guide to the course content along with the rules and expectations.

Instructor: Mr. Lesher E-mail: alesher@indians.k12.pa.us

**Course Content**

4. Construction Unit

* 1. Building Materials
	2. Blue Prints
	3. Basic Electricity
	4. Plumbing
	5. Foundations
	6. Insulation
	7. HVAC
	8. Water Heaters
1. Safety
	1. Memes Poster
	2. Machine Safety
	3. Personal Safety
2. Measurement
	1. Read a ruler to 1/16”
3. Manufacturing Unit
	1. Lumber Properties
	2. Industrial Practices
	3. Wood Working Techniques

**Grading Procedures**

Participation – 25%

Classwork – 25%

Quizzes/Tests – 25%

Projects – 25%

**Projects**

1. Cutting Board (Take Home)
2. Chest (Take Home)
3. End Table (Take Home)
4. Folding Stool (Take Home)
5. Copper Soldering
6. Residential Wiring

Parent Permission Forms are due on: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

You may not use lab equipment until this form is turned in.

Rules/Expectations:

1. Lavatory Policy: One student may leave the room at a time. You MUST have an agenda. All students MUST sign in/out of the room. The sheet can be found on the instructor’s desk.
2. Electronic Devices: We follow the school policy. NO electronic devices under any circumstances.
3. No Talking While Teacher is Talking
4. When Given Classwork, Work Quietly
5. Be Respectful to Instructor and Other Students
6. Be Here on Time
7. Equipment/Tools in the lab are not toys. Under NO circumstances should equipment/tools be used improperly.