

**Materials Processing (Woods)
Course Syllabus**

**Technology Department
Mr. Howard**

Welcome to Materials Processing (Woods). Your parents probably know this class as “wood shop” In this class you will learn how to manipulate wood, the most wonderful resource, into a finished usable product.

Text: Wood- Technology and Processes, Feirer
- Handouts will be given periodically

Course Topics

1. Manipulation of raw materials
2. Design
3. Board Footage
4. Hand Tools
5. Machine tools and their safety!!!!
6. Adhesives
7. Fasteners
8. Finishes

Assignments:

Reading assignments will be given periodically to supplement and reinforce the information presented in class. Quizzes may accompany these assignments to reinforce ideas.

Notebook:

Each student is expected to keep a notebook with all important handouts and assignments in it.

Class Activities:

1. Hand Tools
2. Push Stick- Hand tool project
3. Surface Planer
4. Jointer
5. Table Saw
6. Radial Arm Saw
7. Band saw
8. Scroll Saw
9. Abrasives
10. Adhesives
11. Finishes
12. Stool Project

Final Project:

Each student will construct a stool. The stool will be the culmination of all that they have learned during the semester.

.Grading

Quizzes -	10 %
Safety Tests-	20 %
Assignments-	10 %
Final Project-	20%
Class participation-	30 %
Final Test-	10 %

Rules:

1. Come to class on time and prepared for class. No one will be allowed to leave for materials, which should be present once class has started. Bring a pass if you are late, 3 lates without a pass will result in referral to office.
2. Treat other students and teacher with respect
3. Comply with all requirements and guidelines in the student handbook.
4. Wear safety glasses when in the work area.
5. Respect all tools and machinery. This includes putting things back and cleaning up when you are done.
6. Comply with all safety rules and regulations.
7. No horsing or fooling around.

Consequences:

1. Verbal Warning-From Teacher
2. Time Out-Student will be asked to leave work area and sit in front of the room for the remainder of the period.
3. Conference with student-Teacher and student will have a conference
4. Phone call or letter to parent or guardian.
5. REFERRAL TO OFFICE.

**** ANY STUDENT THAT VIOLATES A SAFETY RULE DURING WORK TIME WILL BE IMMEDIATELY REMOVED FROM THE ACTIVITY FOR THE REMAINDER OF THE PERIOD. THE SECOND VIOLATION WILL RESULT IN AFTER SCHOOL DETENTION WITH ME**

Student Name _____

Return to Mr. Howard by _____

I have read and understand the above expectations and will contact Mr. Howard with any problems or questions.

Student signature: _____

Parent or Guardian signature: _____

