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| **SUBJECT:** Design & Technology 10  (Woodwork) | **SEMESTER:** 2 | **DATE:** Feb. 4 |
| **UNIT:** Plywood Furniture Design &  Construction | **BLOCK:** 2 | **TIME:** 8:35 |
| **TOPIC:** - Shop safety  - Drafting/Design | **TIME:** 80 mins. | **ROOM:** E102 |

**LESSON PLAN**

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| **GOALS** | * Have students write safety test * Begin project design (pencil & paper) |  |
| **OBJECTIVES** | SWBAT:   * Understand general safety rules for the woodshop * Understand the basics of hand drafting * Begin the design process for their plywood furniture |  |
| **LESSON STRATEGY** | * Safety review (as a whole class) * Safety test (individually) * Teacher demo (hand drafting) * Individual design time (paper & pencil) |  |
| **INSTRUCTIONAL MATERIALS** | * Safety handout * Project handout * Safety test * Paper, pencil, ruler, square |  |
| **STUDENT MATERIALS** | * Safety handout * Project handout * Safety test * Paper, pencil, ruler, square |  |
| **PROCEDURE** | * Attendance * General safety review   + Review the main concepts from previous class, referring to safety test   + Ask if students have any questions * Safety test   + Hand out tests   + Students write individually * Demo hand drafting   + Use whiteboard, ruler, square   + Have students gather around whiteboard   + Emphasize the importance of having     - A sharp pencil     - Straight lines     - Accurate angles * Hand out paper * Students brainstorm design ideas. They may use phones, computers, etc. to research ideas * Preview for next class   + Continue with design * Cleanup | **TIME**  5  10  30  5  5  20  1  4 |
| **SAFETY PROCAUTIONS** | * None |  |
| **NEW TERMS** | * Drafting, square |  |
| **QUESTIONS** | * During safety review, rephrase questions from the safety   test |  |
| **CLOSURE & SUMMARY** | Reminders for students:   * Ask students to spend some time researching plywood   furniture design ideas from online, books, or magazines |  |
| **ABSENT STUDENTS** |  |  |
| **TEACHER REFLECTIONS** |  |  |