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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)
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| **OBJECTIVES** | SWBAT:* Understand general safety rules for the woodshop
* Understand the basics of hand drafting
* Begin the design process for their plywood furniture
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| **LESSON STRATEGY** | * Safety review (as a whole class)
* Safety test (individually)
* Teacher demo (hand drafting)
* Individual design time (paper & pencil)
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| **INSTRUCTIONAL MATERIALS** | * Safety handout
* Project handout
* Safety test
* Paper, pencil, ruler, square
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| **STUDENT MATERIALS** | * Safety handout
* Project handout
* Safety test
* Paper, pencil, ruler, square
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| **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**51030552014 |
| **SAFETY PROCAUTIONS** | * None
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| **NEW TERMS** | * Drafting, square
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| **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** |  |  |