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| **Date:** February, 2015 **Course:** Construction 11/12 **Unit:** Sheds  **Lesson:** Overview construction lesson plan **Teacher:** Mr. Dakiniewich  **Block:** E **Day:** 2 and 4 **Time:** first and second block **Room:** Meet 1625, work in yard | | | | |
| **Lesson PLO’s:**   * Identify residential framing types * Identify and adhere to building codes and  standards applicable to projects * Identify and utilize employability skills * Demonstrate the ability to use a variety of measuring instruments * Demonstrate proficiency in using fractions and decimals to solve problems related to carpentry and joinery * Use portable power tools in the construction of a project, including preparation for application of finish * Apply safe work practices when completing personal projects * Identify and implement safety and accident prevention procedures for an entire work site * Evaluate and describe the benefits of good health related to personal productivity and safety | | | | |
| **Goals:**  Aims/Outcomes  SWBAT… | | * develop the ability to make things and explore technology * acquire skills and attitudes needed to work with technology both independently and as a cooperative member of a group * gain competence in working with tools, materials, and processes to produce high- quality work * Apply and integrate skills, knowledge, and resources across disciplines and in technological activities * become discerning users of materials, products, and technical services. | | |
| **Timing**  **(min)** | **Lesson Phase** | **Procedure** | **Interaction** | **Materials** |
| 0-7 | Attendance and check in | * Meet in 1625 and take attendance * Check in with students and assess their preparedness for the class | Teacher to student  Student to teacher | * Laptop for attendance |
| 7-15 | Get organized in the compound | * Walk with students to the compound and direct different people to bring different tools out with them * Organize the grade 11’s and the grade 12’s with jobs for the day * Get student’s belts out of the locked cupboard in the shed so that they are prepared to work | Teacher to student | * Tools * Safety gear |
| 15-65 | Work time with demos as needed | * Help students stay on task giving direction, feedback, and opportunities for guided practice where necessary * Ensure that students are working safely and being productive with their time | Teacher to student  Student to student  Student to teacher |  |
| 65-75 | Clean up compound | * Supervise and direct students to sweep and clean up the nails and offcuts from the day * Ensure that all tools are brought back into the wood shop as needed | Student to teacher  Teacher to student | * Brooms * Magnet broom |
| 75-80 | Summary/ dismissal | * Regroup students in the wood shop * Go over any new processes learned today * Ask students questions and allow students to ask questions before dismissing them | Teacher to student  Student to teacher |  |
| **Special Safety:** | | * Anything in the compound requires students to be aware of all the safety hazards around them. * These include wearing safety eyewear at all times as well as watching the ground on which they walk, which is covered in nails * The use of portable power tools, specifically the circular saw, needs to be done with the utmost of care. * Any time spent on ladders or roofs of sheds needs to be done cautiously and with care | | |
| **Teacher Reflections:** | |  | | |