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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
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| **Goals:**Aims/OutcomesSWBAT… | * 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.
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| **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 studentStudent to teacher | * Laptop for attendance
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| 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
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| 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 studentStudent to studentStudent 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 teacherTeacher to student  | * Brooms
* Magnet broom
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| 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 studentStudent 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
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| **Teacher Reflections:** |  |