

Date: April 20, 2012	
Content – Desired Results	
<p>Overall Expectations: A1. demonstrate an understanding of construction materials, processes, and components. A2. describe the building codes, regulations, and standards that govern construction projects. A3. demonstrate an understanding of the systems in a residential building. A4. demonstrate an understanding of design considerations for residential buildings. E1. demonstrate an understanding of and comply with health and safety regulations and practices specific to the construction industry.</p>	
<p>Specific Expectations: A1.4 identify and describe various residential construction processes. A1.5 identify and describe structural and non-structural components of buildings. A2.1 describe the purpose of building codes. A2.2 identify and describe regulations and/or bylaws that apply to the design and construction of residential buildings. A3.1 identify and describe the systems in a typical building. A5.1 use correct terminology to identify and describe materials, supplies, and structural components. E1.2 outline and comply with health and safety legislation and practices for the construction industry. E1.4 describe the rights and responsibilities of employees (e.g., the right to know, the right to refuse, the right to participate, as outlined in the Occupational Health and Safety Act). E1.5 use protective clothing, gear, and equipment appropriately (e.g., dust mask, hard hat, safety glasses, safety harness).</p>	<p>Modified Expectations:</p>

TCJ 3C – Construction Technology
Lesson Plan – Plumbing – Water Systems

<p>Understandings: <i>Students will understand that/Students will know/Students will be able to...</i></p> <ul style="list-style-type: none"> ● Gain an understanding of home water system through investigation and research. ● Gain an understanding of industry specific terminology. ● Gain an understanding of home water safety and policies through investigation and research. 	
Product – Assessment Evidence	
<p>Performance Tasks:</p> <ul style="list-style-type: none"> ● Assessment – Terminology worksheet rubric and marking form. ● Discussion participation. 	<p>Other Evidence:</p> <ul style="list-style-type: none"> ● Assessment is carried out by the teacher through observation of participation and student progress/ understanding and in rubric/ marking form.
Process – Learning Plan	

TCJ 3C – Construction Technology
Lesson Plan – Plumbing – Water Systems

<p>Learning Activities:</p> <ul style="list-style-type: none">• Teacher leads discussion on water systems.• Students work on worksheet “Water Systems” completing both the terminology and the identification portion of the assignment. (Appendix A)• Using overhead technology (Smartboard, Elmo, Projector etc.) the teacher is to go over the identification drawing with the students listing the correct names and process of water distribution.• Teachers leads discussion on safety terminology with a focus on the Occupational Health and Safety rights of workers.• Teacher evaluation of participation and worksheet. (Appendix B)	