

Lesson Plan

<i>Title</i>	Construction Trade Talk Video Challenge
<i>Subject</i>	Plumber – Trade Talk Video
<i>Author</i>	Manitoba Construction Sector Council
<i>Grade level</i>	7 to 12
<i>Time duration</i>	15 to 20 minutes
<i>Overview</i>	Listen to the two minute 5 second video; after listening to the video, students will answer the open and closed ended questions. Each video will have two to seven questions. There is a total of twelve videos (lessons) for this assignment.
<i>Objective</i>	<p>Students will be able to:</p> <ul style="list-style-type: none"> • Identify the key subject areas required for this trade • Name some of the essential skills necessary for this trade • Explain the career paths to pursue this trade • Identify the steps for being hired as an Apprentice • Name the wages range of an Apprentice to a journey person for this trade • Evaluate the trades that may be best suited their individual skills and abilities
<i>Materials</i>	www.tradeupmanitoba.com
<i>Activities and procedures</i>	<p>Plumber Trade Talk Video Challenge</p> <ol style="list-style-type: none"> 1. What is the name of the plumbing, heating and Air Conditioning Company? <p>Answer: Randall</p>

2. Plumbers work on boilers, heating lines, pumps, backflows, kitchens, dishwashers, sinks, anything _____ they can do.

Answer: Mechanical

3. Name the three Key Subject areas for a plumber?

Answer: Math, Science, Blueprint Reading

4. The plumber has been a journeymen plumber since what year?

Answer: 2011

5. What is the annual salary range for a journeyman plumber?

Answer: \$47,502- \$64,050

6. What is the annual minimum wage for an apprentice plumber?

Answer: \$32,864

7. Name two related careers for a plumber?

Answer: Pipefitter, Steamfitter, Mechanical Engineer, Foreman, Estimator for new plumbing jobs.

Conclusions

Grades 7, 8 and 9 would be required to complete 12 videos and the associated questions.

Grades 10, 11 and 12 students would be required to research the www.tradeupmanitoba.com website to locate information and complete the extended learning section.

Steps:

- Go to the website. www.tradeupmanitoba.com
- Click on the 'Careers' tab at the top of the page.
- Click on the 'Explore Careers' tab from the drop box
- Click on the appropriate career trade to locate more information on the trade.
- Students can also access other resources to find the answers. Click on the tap 'Training' to locate information on high schools, post-secondary and private vocational schools.

Extended Learning

Questions:

- Name a post-secondary school or training organization that offers training for this trade and how much would it cost.
- What safety certification do I need to work in this trade and who offers safety certification training?
- What kind of personal protection equipment do I need for this trade?
- Name five companies that hire this trade.
- How many levels of Apprenticeship are there for this trade before I can become a journeyman?