

This is a resource for LBS Facilitators who have learners using the CLO resource “Build Your Skills: Welcome to the Explorer Hub!”

Note: As part of this resource, learners are told to open a browser and log into the Build Your Skills website (<https://skillplan.brightspace.com/d2l/home>). They are also directed to watch several online videos.

Before assigning this activity to a learner, instructors should:

- confirm the learner has access to a computer or mobile device with access to the internet
- confirm that the learner has already created a Build Your Skills account and has received their username and password. For support with creating an account, please reference the resource “Introducing the Build Your Skills Platform.” *Note that account creation can take up to 24 hours.*

Please consider the impact of the video’s sound and consider whether the learner(s) will need headphones or if they can play the video out loud without disrupting others.

Discussion Questions & Answer Key

On Page 2, learners read a short paragraph from a CBC news article about construction. The article mentions several trades by name. The learner is then asked the following questions. **While there are no correct answers to these questions, it will provide some insight into what the learner already knows about the construction trades.**

Are you familiar with any of those jobs? ☐ Yes ☐ No

If you said yes, which of these jobs have you heard of?

Have you heard of any other jobs in construction? ☐ Yes ☐ No

If you said yes, what other kinds of construction jobs do you know about?

On Page 5, learners are asked about information they have just read regarding the steps to working in the construction trades. The questions appear below, with the correct answers circled and/or in bold.

1. What is the title of someone working in a helper role to see different trades in action, prove they are a good worker, and get work experience? Circle your choice below.

Journeyperson

Apprentice

General Labourer

2. What is the title of someone learning a specific trade through a combination of on-the-job training with a certified tradesperson and in-school training? Circle your choice below.

Journeyperson

Apprentice

General Labourer

3. What is the title of someone who is fully certified in their trade and can now take on their own apprentices? Circle your choice below.

Journeyperson

Apprentice

General Labourer

4. An apprentice spends about 85% of their time learning on the job. Do they get paid while they are learning on the job?

☒ Yes

☐ No

5. Fill in the blanks: Depending on the trade, on-the-job apprenticeship training can take between **two** and **five** years.

6. Fill in the blanks: In-school training usually happens in **eight** week to **twelve** week blocks roughly once a year.

On Page 6, learners are asked two questions to be sure that they are ready to continue using this resource.

1. Have you already visited the Construction Training & Apprenticeship Ontario (CTAO) website?

☐ Yes☐ No

If the learner says **no**, please offer them the resource "**Exploring the Construction Training and Apprenticeship Ontario Hub.**"

2. Have you already created a Build Your Skills account and received your password?

☐ Yes☐ No

If the learner says **no**, please offer them the resource "**Introducing the Build Your Skills Platform**" so they can create an account. *Note that account creation can take up to 24 hours.*

On Page 12, learners are directed to watch a video of professional crane operators talking about their work. They are then asked to write down one thing they learned. **Answers will vary by learner.**

On Page 13, learners are directed to complete online checklists about whether they:

- are interested in some of the typical responsibilities of a crane operator
- have any of the skills and attributes required to be a crane operator

They are then asked if they put a checkmark in more than one of the boxes in the checklist. **This is a self-reflection question intended to help learners think about expectations of the trades and skills they may need to upgrade.**

Also on Page 13, learners are asked if watching two videos featuring crane operators made them interested in a career as a crane operator. **There is no right or wrong answer to this reflection question.**

On Page 14, learners are instructed to click on a bar on the Explorer Hub that reads “Math Topics for your Trade.” They are asked to read the list of math topics that crane operators need to know and fill in the blanks below. **The correct answers are in bold.**

- Decimals
- **Fractions**
- Linear conversion
- Measurement
- **Ratio**, proportion, and percentage
- Decimal feet conversion
- Area
- **Volume**
- Pythagorean Theorem
- Trigonometry

On Page 15, learners are asked to write down one thing that crane operators use their reading and document use skills for. **Any of the following three answers are included in the short paragraph about document use:**

- understanding test questions during technical training
- interpreting equipment manuals
- reading WHMIS safety data sheets

If the learner comes up with their own response, and the facilitator believes it is a logical answer, it should also be considered correct.

On Pages 16 and 17, learners explore a trade of their choice in the Explorer Hub. They are directed to record what they learn by answering several questions (shown on the following page). **Answers will vary depending on the trade that the learner chooses.**

1. What trade did you choose to explore?
 2. Did that trade have a video? ☐ Yes ☐ No
 3. If you said yes, what is one thing you learned from watching the video?
 4. What is one of the typical responsibilities of this job?
 5. Were you able to choose at least one of the typical responsibilities that interested you?

☐ Yes ☐ No
 6. How many of the skills and attributes needed for this job do you have?
 7. What is one of the skills or attributes you would like to get better at?
 8. What are three math topics you would need to know for this job?
 9. Are there any other trades you would like to explore? ☐ Yes ☐ No
- If you said yes, write them below so you can explore them later!

In the conclusion on Page 18, learners are asked to check off the things they remember seeing on the Explorer Hub below.

- ☐ almost 20 different construction trades you could review
- ☐ information about what people do in each of the trades
- ☐ typical responsibilities, skills, and attributes required in specific trades
- ☐ the kinds of math, reading, and document use required in construction trades

If they don't remember one of those things, they are directed to tell their teacher or tutor.
Should that happen, please help them find the part of the resource they missed.