

PERTH COUNTY CAREERS EXPLORATION PATHWAYS TO INDUSTRY

Group Work

Research

Video References

1.5 Hours

Rubric

Handout

LESSON PLAN

GRADE 10 CAREER STUDIES - GLC20

Dear Educators

Here in Perth County, industries like manufacturing and agriculture are not just about factory jobs and farmhand work—they encompass a wide variety of exciting and innovative careers, including roles in robotics, engineering, quality control, project management, and more. By focusing on local opportunities, we help students see the vast potential available to them without having to leave their communities.

Youth retention is critical for the sustainability and growth of our local economy, and skilled trades are at the heart of Perth County's economic future. Encouraging students to explore these career paths not only helps address the growing demand for skilled workers but also ensures the vitality of our communities for generations to come. By fostering an interest in these fields early, we can equip students with the knowledge and confidence they need to pursue fulfilling careers while contributing to the prosperity of Ontario.

Thank you for taking the time to engage your students in this important lesson plan exploring careers in manufacturing and their impact on local communities. As educators, you play a vital role in inspiring young people to think critically about their future and how their choices can positively shape their communities.

This lesson plan was created by Ricky Zhao, an Ontario Certified Teacher (OCT 739220) with a passion for community economic development. It emphasizes the importance of encouraging youth to consider local career opportunities within different industry sectors.

For more information on how young professionals are making a difference in our community, please visit: <https://www.perthcounty.ca/en/doing-business/people-of-perth-county.aspx>

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Summary

Originally developed as part of the Perth4Youth program in 2019, career cards were created to showcase a wide range of opportunities in these sectors. This lesson will utilize the career cards in addition to current Perth County Economic Development programs and data to focus on local career opportunities in the manufacturing and agricultural industry. Students will challenge stereotypes in the related industries and explore various career paths while analyzing the economic and environmental impact on the community.

Curriculum Expectations

Grade 10 - GLC20

Overall Expectations:

B1. Exploring Work Trends and the Importance of Transferable Skills

Demonstrate an understanding, based on research, of a variety of local and global trends related to work and employment, including the effect some of those trends have had on workers' rights and responsibilities and on the role of transferable skills in career development today

B2. Preparing for Future Opportunities

develop a personal profile based on an exploration of their interests, values, skills, strengths, and needs, and examine the range of factors that can influence their future education and career/life opportunities

B3. Identifying Possible Destinations and Pathways

Taking their personal profile into account, explore, research, and identify a few postsecondary destinations of interest, whether in apprenticeship training, college, community living, university, or the workplace, and investigate the secondary school pathways that lead to those destinations

Learning Goals

- Understand the diverse career opportunities within Perth County
- Analyze how local industries grow the economy
- Identify skills and qualifications required for specific careers

Success Criteria

- I can reflect on the benefits of working locally
- I can identify career opportunities within an industry and explain the qualification for each career

Materials

- Exploring Careers in Perth County Handout
- Perth County Career Exploration Presentation
- Perth County Career Cards
- Access to Prosper In Perth County career exploration website
 - Perth County Business Tours (Minds-On): <https://www.perthcounty.ca/en/doing-business/business-tours.aspx>
 - Planted In Perth County Business Features (Action Resource): <https://www.perthcounty.ca/en/doing-business/planted-in-perth-county.aspx>
- Collaboration Tools (Recommended: Chart paper & markers)

Minds-On (10 minutes)

1. Show the one of the Perth County Business Tour videos
(<https://www.perthcounty.ca/en/doing-business/business-tours.aspx>)

Recommended: Listowel Technology Inc.

(<https://youtu.be/qmdKLznLLNA?si=Ptpg32Lx21zt9e12>)

Guiding Questions:

1. What surprised you about the types of jobs found within this industry?
2. How do these jobs impact the local and global community?

Action (50 minutes)

Career Exploration (20 minutes)

1. Equally distribute the different industry career cards and highlight average wage, career options, and education level.
2. In pairs, students research one of the career options listed and answer questions listed under the “Exploring Careers in Perth County” handout.

Community Impact (30 minutes)

1. Divide students into equal groups (Recommended 4-5 per group)
2. Assign each group a specific industry sector / career card
3. Utilizing their assigned career industry card, research and create an infographic including:
 - a. Findings from the career cards
 - b. An example of a local business within the industry
 - c. The industry’s impact on the local and global economy

Consolidation (15 minutes)

1. Each group present their findings
2. Compare and contrast different opportunities within each industry.

Exploring Careers in Perth County Handout

Choose one career from listed on the Career Card and research the following questions.

1. What is the job title you selected? _____

2. What are the main responsibilities for job?

3. What skills, abilities, or personal qualities are required for this job?

4. What education or training is needed for this job?

Exploring Careers in Perth County Handout Rubric

Student Name: _____ Date: _____

Criteria	Level 1	Level 2	Level 3	Level 4
Understanding of Career Role	Shows limited understanding of the selected career. Responses are incomplete or inaccurate.	Demonstrates basic understanding of the selected career. Some inaccuracies.	Demonstrates clear understanding of the career with relevant information.	Shows deep understanding of the career with detailed and accurate responses.
Identification of Skills, Qualifications, and Education	Minimal or no identification of skills and education required for this career.	Identifies some skills and education required, but lacks detail or clarity.	Clearly identifies skills and education required for the career with relevant details.	Thoroughly identifies skills and education required with excellent detail into career pathways.
Career Path Exploration	Little to no exploration of career advancements; responses are vague or incomplete.	Some exploration of career advancements but lacks clarity.	Clear exploration of career advancements with relevant examples.	Thorough and detailed exploration of career advancements showing insight into potential growth paths.
Engagement and Effort	Minimal effort; responses are incomplete or lack thought	Moderate effort; responses are adequate but lack depth.	Strong effort; responses are thought out and complete.	Outstanding effort; responses are thorough and show a high level of engagement.

Comments: _____

Presentation Rubric

Student Name: _____ Date: _____

Group Members: _____

Criteria	Level 1	Level 2	Level 3	Level 4
Understanding of the Industry	Shows little understanding of the assigned industry. Key points are missing or inaccurate.	Demonstrates basic understanding of the industry; limited depth or accuracy.	Demonstrates clear and accurate understanding of the industry. Includes relevant examples	Shows deep understanding of the industry. Examples are detailed and accurate.
Economic Impact	Fails to identify how the industry impacts the local and global economy.	Identifies some ways the industry impacts the local economy but lacks clarity or detail.	Clearly explains how the industry contributes to the local economy with relevant examples.	Thoroughly explains and analyzes the industry's economic impact with strong supporting details and examples.
Collaboration and Presentation	Minimal collaboration or contribution to group work; presentation is incomplete or disorganized.	Limited collaboration; presentation is somewhat organized but lacks clarity or engagement.	Collaborative effort is evident; presentation is clear, organized, and engaging.	Exceptional collaboration and teamwork; presentation is highly engaging and well-organized.

Comments: _____
