

A Note to Teachers

This supplemental resource highlights careers relating to STEM, agriculture and the STEMterprise project. The resources come from AgScape and Let's Talk Science, and are Canadian content with the exception of one video relating to the digestive system. You may choose to highlight careers as you go through the project by linking to the resource and discussing the content or make it a game such as: Who Am I?, Pictionary, Charades, Heads Up, 20 Questions.



Reach out to your school and parent community. You may have STEM experts right in your neighbourhood. Consider inviting them to your class to share their field of work. Have your students prepare thoughtful questions that connect their learning to the guest speaker.

Expectations

Science

A3. Applications, Connections, and Contributions

demonstrate an understanding of the practical applications of science and technology, and of contributions to science and technology from people with diverse lived experiences

A3.1 describe practical applications of science and technology concepts in various occupations, including skilled trades, and how these applications address real-world problems

A3.2 investigate how science and technology can be used with other subject areas to address real-world problems

A3.3 analyse contributions to science and technology from various communities





Career Connections



Entrepreneurship - Who Am I?



- I earn over \$100,000 a year
- I work in an office
- I manage a company



- I went to college
- I was inspired by my hospitality teacher in high school
- “The only failure is when someone stops trying.”

Pizza Business Concepts

Who can entrepreneurs do to for money?

I help customers get the money they need for their business.

I try to understand peoples' financial situation and determine how much money we can loan them.

I monitor the status of money we've leant out and make sure the best interests of our company are being considered.



The Digestive System



What is a gastroenterologist?

Food Scientist

Do you like experiments and food?

Being a food scientist might be a career for you!

[Check out the skills needed.](#)



Dietician

I help people choose foods that fit with their lifestyle, their beliefs, and reconnect people with the basic understanding of how food fuels the body.

Chrissa Karagiannis



Nutrition Specialist



What do astronauts and the Canadian Space Agency have to do with tasty food?

Check out Samatha McCaig's career!

BONUS: Food in space with Commander Chris Hadfield on the International Space Station



Drone Operator



In what ways do you think drones can be helpful to farmers?

“

“Drones overall will be more impactful than I think people realize, in positive ways to help society.”

- Bill Gates

Market Research

What am I?

I am responsible for doing market research and learning from successful businesses.

I assist farmers and others working along the food supply system to stay up to date with the latest technology and digital innovations.

I pay attention to trends and identify new technologies that can improve agriculture.

Check out this valuable job.

Surveys

What job needs these skills?

- ☐ Detail-oriented
- ☐ Independent
- ☐ Computer & Technological
- ☐ Multi-tasking

Check out this [data career](#).



Recipe Planning



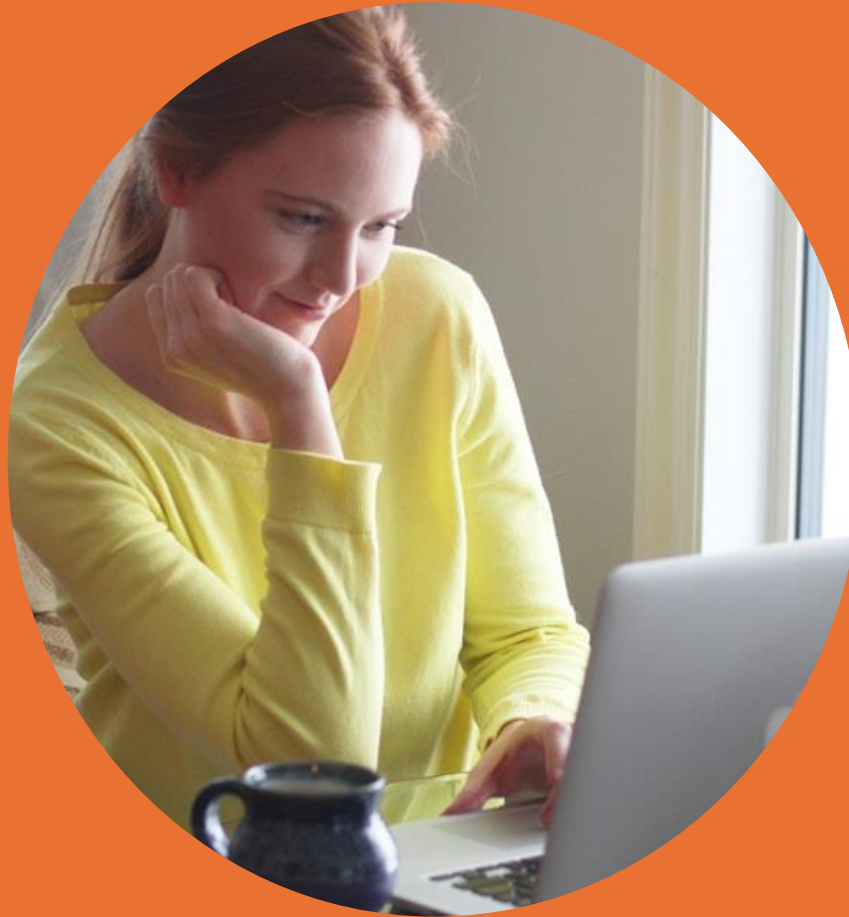
Most food recipes you buy in a store are developed in a lab, not a kitchen.

Learn more about being a [food and beverage product developer](#).

Marketing

Do you have great ideas? Are you persuasive? Can you present ideas to others in an interesting way?

Learn more about being a Communications Specialist.



Are you creative? Do you like to design brochures, logos, and signs?

You might be interested in Graphic Design jobs.

Promotion & Packaging

Making your pizza look great is an important part of your business plan. A [Food Photographer](#) and a [Food Stylist](#) are two careers that make food look as delicious as it tastes.



Financial Accountability

Need help with money?

An accountant helps businesses and people manage their money. They keep track of money coming in and going out, and can help make sure the business is doing well financially.



Chef



MATCH

duty

- make recipes & menus
- coordinate, hire & train staff
- have a clean kitchen
- talk to customer

skill

- planning
- coaching & mentoring
- customer service
- creativity & innovation

Product Evaluation

Having a high-quality product is not only important for your pizza business, it's important in all businesses.

There's a job to make sure products are good and to find way to make them better.

Let's learn about a career in quality and improvement.



"The biggest room in the world is the room for improvement."

Helmut Schmidt



Business Showcase

Your team might decide to have these two jobs assigned to classmates in your pizza business.

Check out what a Food Service Manager and an Event Planner does and think about how these jobs would be part of your project.

