



Exploring 4-H at Home

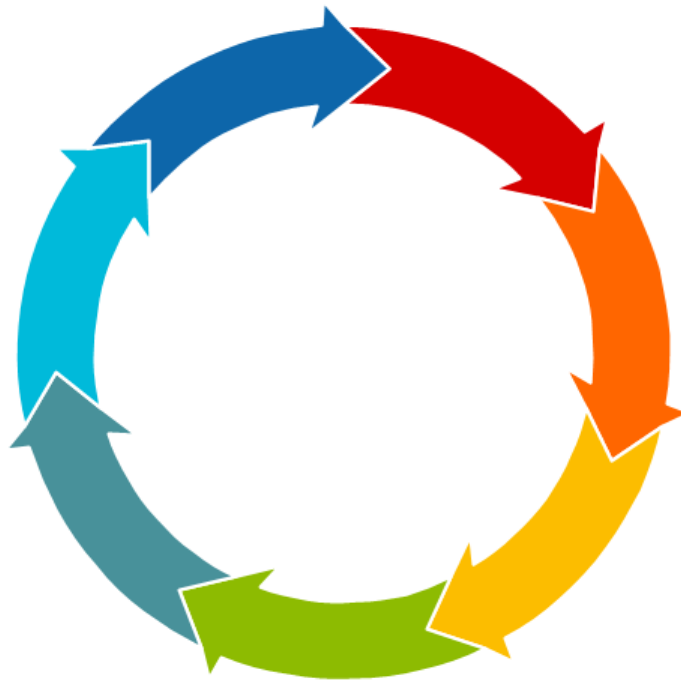


Sustainable Agriculture
and Food Security

Pillar: Sustainable Agriculture and
Food Security

Project: 4-U

Activity: Supply Chain Game
Careers in Agriculture



With files from:



WHAT IS A SUPPLY CHAIN?

A supply chain involves a series of steps required to get a product or service to the customer. Think of the ever so popular show “How It’s Made.”

THE IMPORTANCE OF A VALUE CHAIN

A value chain is a business model, which describes the full range of activities needed to create a product or service. For companies which produce goods, a value chain comprises the steps which involve bringing a product from conception to distribution, and everything in between – such as procuring raw materials, manufacturing functions, and marketing activities.

Supply chain refers to the integration of all activities involved in the process of sourcing, procurement, conversion and logistics. On the other hand, value chain implies the series of business operation in which utility is added to the goods and services offered by the firm, so as to enhance customer value. Supply chains is the interconnection of all the functions, which starts from the manufacturing of raw material into the finished product and ends when the product reaches the final customer. Value chain, on the other hand, is a set of activities, which focuses on creating or adding value to the product.

These two networks help to provide quality products to the customer at a reasonable price. Most of the time supply chain is juxtaposed with the value chain.

DISRUPTIONS IN THE VALUE CHAIN

In a perfect world, no food would be wasted and would end up in the consumer. Sometimes this doesn’t happen and there is a disruption in the value chain. Some of these disruptions could include loss of crop due to rain conditions, storms and hail, weeds, insects and pests, disease, damaged grain or food, dirty equipment, poor packaging,

Supply Chain Game

WHAT YOU NEED:

- Apple
- Carrot
- Canola oil
- Potato
- Oats
- Paper
- Writing tools

INSTRUCTIONS:

1. Place each item on the table
2. Read about supply chains (included in this document)
3. Build and write down the supply chain for each food item
4. Answer the following questions:

- a. Why is a supply chain important?

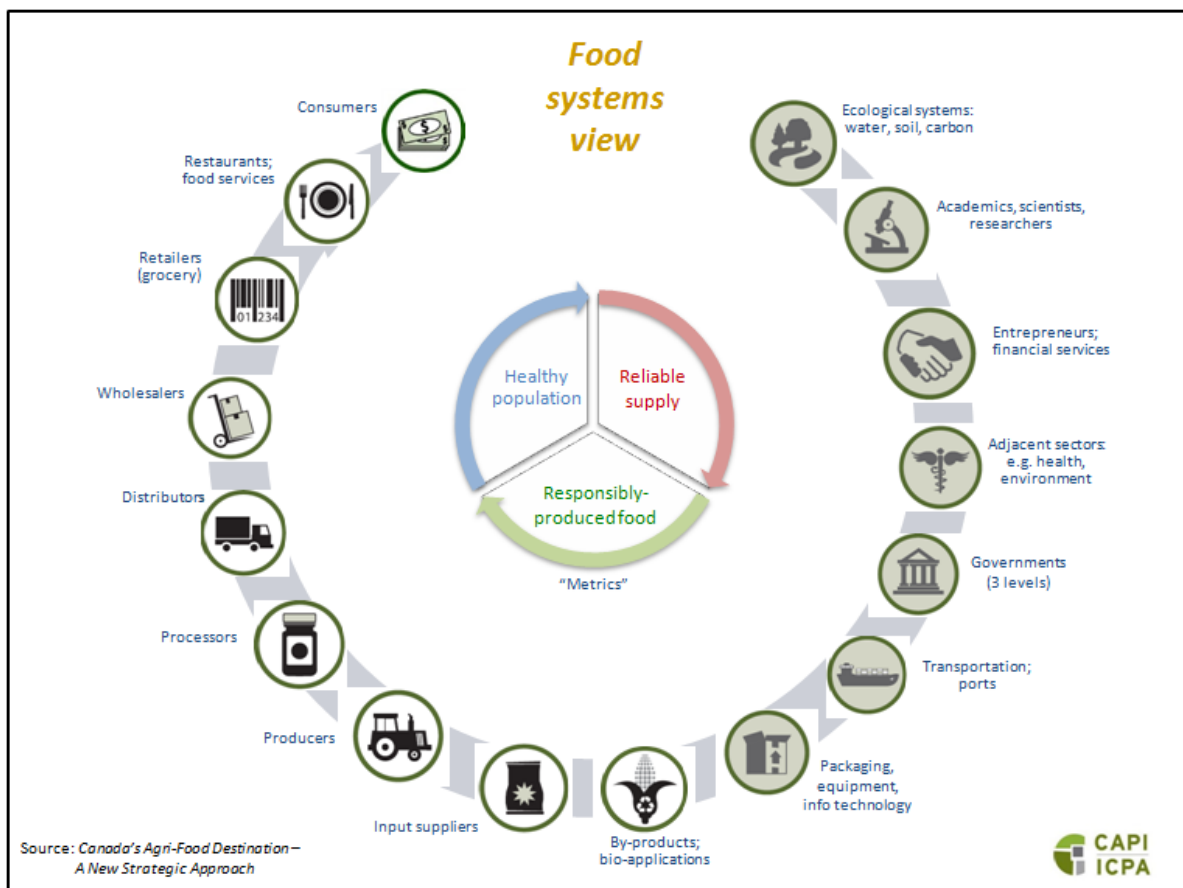
- b. What would happen if one piece of the supply chain wasn't able to continue?

- c. What might make a supply chain break down?

Careers in Agriculture

Let's look at careers and jobs in agriculture. For each step in the supply chain, there is a job or career attached to it.

1. At each step of the supply chain, write down what jobs/careers might be involved.
Need some help figuring out careers in agriculture?
 - <https://cahrc-ccrha.ca/tools/agrijobs>
 - <https://aitc-canada.ca/en-ca/learn-about-agriculture/agriculture-careers>
2. Pick one supply chain and choose your favourite jobs/careers. Research what type of education or training you would need to do this job.



Careers in Agriculture

1. What career did you chose?

2. What do people in this career do? Write a brief description.

3. What type of training do you need to do this job?
