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Organize and Use Information to Compare and Analyze Maps

Make It Personal	Use the Cross Country Canada Learning Source to help you complete these
Would you describe your community as one that depends on agriculture? Why or why not?	learning tasks.
Search Read or listen to a summary of Canada's regions on the Canadian Geographic Atlas online website at www.canadiangeographic.com/ atlas/themes.aspx?id=shield⊂=shield_basics_regions⟨=En. Click on the name of each region in the sidebar to find out more.	
 How does the map of Canada's ecozones help you understand how Canada's regions were identified? 	

 How are the regions identified in the Canadian Geographic Atlas different from the natural regions of Canada? How are they similar? Use a Venn to make these comparisons.





Maps are tools that people use to help us see locations, places and features in a large area. A map of Canada's landforms helps us understand different types of information:

- How the land is similar or different
- How much land is covered by similar features
- Where places are in relation to each other

Maps often have a specific focus. For example, one map can show Canada's landforms while another can show its rivers and lakes. Another map can show communities, cities and areas of settlement. Multiple maps can help us make comparisons, see patterns and draw conclusions.

Compare the map of Canada's Six Geographic Regions and Communities that Depend on Agriculture maps in the Cross Country Canada Learning Source. Here's how you can make comparisons between two different maps:

- Use an outline map of Canada to lightly shade or colour the general areas of each of Canada's six regions.
- Then, using a different colour, shade the areas covered by communities that depend on agricultural activities.
- Make a legend that identifies what each colour represents.
- Use your map to respond to the questions.

In which regions of Canada would you expect to find the most farms? Why would you expect this?

An **urban** community is an area that is built up and settled by many people. Cities and towns are urban communities.
A **rural** community is found on a more open area of land with less settlement and fewer

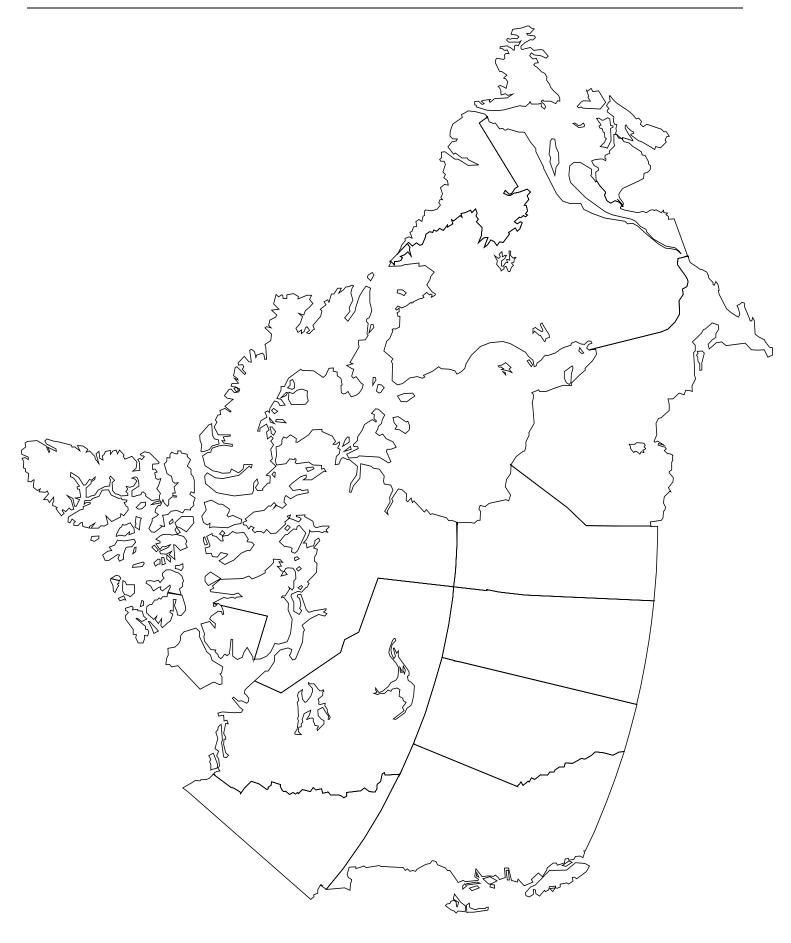
buildings.

What type of communities do you think rely more on agriculture -
urban or rural? Why do you think this?

In what ways do you think large urban centres in Alberta depend on agriculture? Why do you think this?
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What natural resources would you expect to find around dairy farms? Why?
What types of natural resources would you expect to find around a different type of agricultural activity? Describe an activity other than dairy farming and the natural resource you think this activity most depends on.

Target Learning

	Yes	Sometimes	Not yet
I organize and evaluate multiple pieces of information to build my understandings.			
I interpret the information to make my own conclusions.			
I describe how geographic information is used to build understandings.			







Use Geographic Information to Make Connections

What features of your community do you think attracted people to it? Why do you think this? Investigate Canada's farms are spread throughout the country. Some of Canada's regions have more than others when it comes to the number of farms. Why do you think these differences exist?	Make It Personal	Use The Farm and Land Connection and Finding Farms Learning Sources to help you complete these
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· · · · · · · · · · · · · · · · · · ·	Why do you think these differences exist?	



Where do you think each of the types of farms listed in the T-Chart would be located? Do you think they would be closer to cities or areas with a high population density? Or do you think they would be located further away?

Check the box that best describes where you think each type of farm would be located. Then, explain why you made this inference.

Farm Location	Why I Think This
Fruit and Vegetable Farms	
Close to cities or high population areas	
Further away from cities or high population areas	
Cattle Ranches	
Close to cities or high population areas	
Further away from cities or high population areas	
Crop Farms	
Close to cities or high population areas	
Further away from cities or high population areas	
Egg and Poultry Farms	
Close to cities or high population areas	
Further away from cities or high population areas	

Do you think dairy farms would tend to be located further from or closer to areas with a higher population density? Why do you think this?				
What natural resources do you t natural region? Describe or sket				
Cordillera	Interior Plains	Canadian Shield		
Great Lakes and St. Lawrence Lowlands	Atlantic or Appalachian	Arctic or North		
What agricultural products do y region? Describe or sketch two				
Cordillera	Interior Plains	Canadian Shield		
Great Lakes and St. Lawrence Lowlands	Atlantic or Appalachian	Arctic or North		
San Land and San Lanneline Lowining				



Farm and Food Care's Facebook page provides a number of agricultural photos that can be shared. Find these photos at www.facebook.com/pg/FarmFoodCare/photos/?tab=album&album_id=667243500040074.

	•	ivities in different regions of		
reso oil i		d maps of Alberta's natural soil, forestry, coal, natural gas, an ory at www.abheritage.ca/abresource		
	central and southern Alberta	berta's dairy farms are located in a? Compare the information from map in the Finding Farms Learnin now climate, landforms and	ng	



Explore the information on First Nation traditional foods in B.C. in *First Nations Traditional Foods Fact Sheets* at www.fnha.ca/Documents/Traditional_Food_Fact_Sheets.pdf.

•	• What natural resources have First Nation peoples in B.C. harvested and relied on?
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	• First Nations people in B.C. planted the bulbs and rootlets of root vegetables back into the ground for future harvests. What evidence does this provide that First Nations people were also first farmers?
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Target Learning

	Yes	Sometimes	Not yet
I search and retrieve information from digital or print			_
sources.			
I locate additional sources to help me clarify or verify			
information.			
I summarize or paraphrase the main or implied ideas			
found in information.			



Explore a Cycle



Make It Personal

Look at the **Dairy Production and Resources Cycle** illustration in **Resource Cycles**. How do you think you can see it in action in your own community?

Use the Which Came First? and Resource Cycles Learning Sources to help you complete these learning tasks.

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Investigate

The **Dairy Production and Resources Cycle** illustration in the **Resource Cycles Learning Source** shows how farmers depend on natural resources as part of the production cycle for dairy farming. They also depend on communities for workers and markets that buy their products.

What natural resources and human activities are involved in the production cycle for another type of agricultural activity? Follow the steps below to explore this question.

1. Identify an agricultural activity. For example, you could think about a production cycle for a crop farm, a poultry farm or a vegetable farm. Explain why you picked this activity.

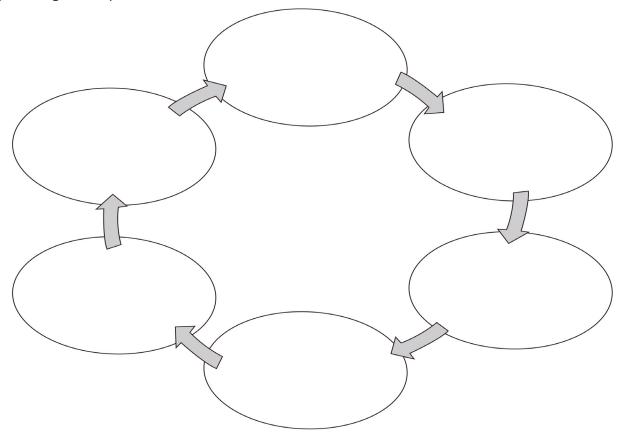
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2. List the natural resources and the human activities that are part of the production cycle for this agricultural activity in the two columns of a **T-Chart**.

Natural Resources	Human Activities

3. Once you identify the elements of the production cycle, use a **Cycle Diagram** to place them in order.



The elements in a cycle are related to each other. Each element is affected by the other elements. Any agricultural production cycle is no exception.

What do you think would happen to the production cycle if:

- More and more people move to cities?
- Energy costs increase a lot?
- The number of farms decrease?
- The local grocery store close?
- The only local veterinarian took a job in another province?
- The water supply was polluted?

Use the **Cause and Effect Chart** to explore **two** of these "What if" questions.

- Identify the question you picked in the second column.
- Explain what you think would change in the first column.
- Explain the effect of the change in the third column.

Change	Cause	Effect
People do not have as many food choices.	Truck drivers all go on vacation.	Products, like milk or grain, would not be picked up from farms. There would be no milk or grain to make other foods, like cereal, bread, cheese or yogurt.



Talk about Agriculture

Make It Personal Which agricultural activity of a region intrigues you meet? Why?	Use the Adding Value to Natural Resources Learning Source to help you complete these learning tasks.		
Which agricultural activity of a region intrigues you most? Why?			
Investigate			
Identify an agricultural activity that you think best represents the			
unique characteristics or features of a natural region. Describe what			
is involved in this agricultural activity. Identify its connections to other natural resources or industries in the region.			

How does this agricultural activity add value to the quality of life of Canadians?	



Create

How can you highlight the unique agricultural activities in a region? Create a challenge task that showcases an agricultural activity and location in one of Canada's natural regions. Model your challenge task on an Amazing Race Canada roadblock or detour. Include a route card with information on how to get to this location.



Target Learning

	Yes	Sometimes	Not yet
I make connections from my experiences and prior learning to new learning.			-
I identify how agricultural activities add value to my quality of life.			
I share what I have learned in new and creative ways.			
I make connections between features or characteristics of a natural region and agricultural activities found in that region.			
When I gather information and materials on a topic, I create a way to show my understanding.			