



4<sup>TO</sup>  
7

# Product or Resource?

This lesson and its partner lesson, *Where Does Our Stuff Come From?*, are informed by the big ideas of **Community and Connectedness**. Students learn the difference between a product and a natural resource. They explore the connections between the products and resources we use in our daily lives, and the imports and exports that pass through the Port of Prince Rupert. The lesson is most appropriate for students in Grades 4-6.

## CLASSROOM TIME REQUIRED

40 – 50 minutes

## LEARNING OBJECTIVES AND OUTCOMES

Students will:

- Be introduced to the concept of natural resources and products.
- Identify and categorize some of the main resources and products that are imported into and exported from Canada and British Columbia, and through the Port of Prince Rupert.

## MATERIALS REQUIRED

- The picture book, *How to Make an Apple Pie and See the World*, by Marjorie Priceman
- Chalk or white board markers, scissors, glue and plain paper for all students
- Old magazines containing images of resources and products (for cutting out)
- Pictures of resources and products traded through the Port of Prince Rupert
- The tables of *Goods Traded Through the Port of Prince Rupert* for teachers and for students (see *Attachments* below)

## TECHNOLOGY RESOURCES REQUIRED

Optional: Computer with a projector, overhead projector, Smart Board

## TEACHER PREPARATION

- Read *How to Make an Apple Pie and See the World*, by Marjorie Priceman.
- Select and cut out from an old magazine five pictures of products that you might need, want and/or enjoy. These will be used as examples for the students in Activity 2.

## CRITICAL VOCABULARY (see Glossary for definitions)

Commodity	International trade	Resources
Export	Natural resource	Transport mode
Good	Needs and wants	
Import	Product	

## LESSON DEVELOPMENT

### Activity 1:

- Before reading *How to Make an Apple Pie and See the World* by Marjorie Priceman, lead a discussion with the class about apple pies. Questions could include:
  - What do you know about making apple pie?
  - What ingredients do you need? Where would we get them?
  - Where are these ingredients grown or produced?
- Write two headings on the board: Natural Resources and Products.
- Give students the definitions of a “natural resource” and a “product”.
- Ask the students to think about the various resources and products that are in the story as they listen to you read.
- After reading the story, ask students to give examples from the story of natural resources and the products that they are related to. Write the examples on the board under the appropriate headings. Draw a line to connect each resource with its product.

(Products mentioned in the story are: flour, butter, egg, sugar, cinnamon, salt, and apples. Natural resources mentioned are: wheat, cow, chicken, sugar cane, kurundu bark, and salt water.)

### Activity 2:

- Discuss with the students the difference between things that we **need** and things that we **want**. Give examples and ask for a few examples from the students.
- Distribute magazines and scissors. Tell students to cut out 5 pictures of products that they want, need or enjoy. Show the students your own examples.
- While students work, create a Natural Resources Chart on the board with the following headings: Land, Animals, Forests, Fossil Fuels and Minerals.

Land	Animals	Forests	Fossil Fuels	Minerals

- Working with your own 5 pictures, use the chart to demonstrate how to categorize the products according to the resource from which they are principally made or derived.
- Put the students into pairs and direct them to copy the headings of the Natural Resources Chart from the board. Ask students to categorize their five pictures according to the resource from which each is made or derived.
- Ask each pair to choose one of the products they have been working with and invite one student to

come up to the board and place their picture where they think it should go on the chart. Support them to find the right placement as appropriate.

### Activity 3:

- Using an overhead projector, a Smart Board, or a handout, show students the table of *Goods Traded Through the Port of Prince Rupert* (see *Attachments* below).
- Optional: Circulate pictures of some of the resources and products, e.g. logs, wheat, textiles, coal.
- Lead a discussion with the students about the goods. Questions could include:
  - Which of these goods do you recognize?
  - Which of the products do you own or use at home?
  - Are you surprised that these goods travel through Prince Rupert's port? Why?
- In the same pairs, students determine which of these goods are resources and which are products. Ask students to pick five examples of each and write them down in a T-chart.

Resources	Products

- Students share and discuss their findings with another pair. They can edit their T-chart based on their discussion.

### ASSESSMENT

- Students submit their T-charts for review.
- At the end of the lesson, have each student write his or her name on the back of two yellow sticky notes. Ask students to think of a product and its related resource (the examples can be from the lesson or ones that the students have thought of by themselves). On one sticky note, students write the resource and on the other, the product. As students leave, they place their sticky notes under the appropriate column on the board. The sticky notes can be used as a quick gauge of their basic understanding of the concept of product and natural resource.

### LESSON PLAN RESOURCES

- Pictures of resources and products traded through the Port of Prince Rupert

### ATTACHMENTS

- The tables of *Goods Traded Through the Port of Prince Rupert* for teachers and for students (see below)

<b>GOODS TRADED THROUGH THE PORT OF PRINCE RUPERT</b>			
<b>Goods</b>	<b>Country/Regions of Origin</b>	<b>Destination Country</b>	<b>Comments</b>
Coal	Canada: British Columbia & Alberta. United States: Montana & Wyoming.	Japan, China, South Korea	Export – Dry Bulk Carrier
Electronics	China, South Korea	Canada: all of Canada	Import – Container Ship
Feed Barley	Canada: BC, Alberta, Saskatchewan & Manitoba	Southeast Asia: Japan. Saudi Arabia	Export – Dry Bulk Carrier
Household goods	China	Canada	Import – Container Ship
Logs	Canada: British Columbia	Japan, South Korea, China	Export – Bulk
Lumber	Canada	Japan, South Korea, China	Export – Container Ship
Oats	Canada	Many countries	Export – Dry Bulk Carrier
Petroleum Coke	Canada: Alberta	Asia: Japan	Export – Dry Bulk Carrier
Pulp & Paper	Canada	Asia	Export – Container Ship
Retail Goods	China	Canada	Import – Container Ship
Scrap Steel	Canada & the United States	China	Export – Container Ship
Soybeans	Canada: BC, Manitoba, Ontario & Quebec	Asia: Japan, Malaysia, Thailand, Hong Kong, Singapore, Thailand, Vietnam  Western Europe: Netherlands, Norway, Belgium	Export – Container Ship

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<b>Goods</b>	<b>Country/Regions of Origin</b>	<b>Destination Country</b>	<b>Comments</b>
Textiles	China	Canada	Import – Container Ship
Waste Paper	Canada & the United States	China	Export – Container Ship
Wheat	Canada: Alberta, Saskatchewan & Manitoba	Asia: Japan China, Indonesia, South Korea, Malaysia, Philippines, Singapore, Taiwan Thailand Western Europe:	Export – Dry Bulk Carrier
Wood Pellets	Canada	European Union	Exports – Dry Bulk Carrier

<b>Goods Traded Through the Port of Prince Rupert - For Teachers</b>				
<b>Resources</b>	<b>Products</b>	<b>Country of Origin</b>	<b>Destination Country</b>	<b>Comments</b>
Coal		Canada: British Columbia & Alberta. United States: Montana & Wyoming.	Japan, China, South Korea	Export – Dry Bulk Carrier
	Electronics	China, South Korea	Canada: all of Canada	Import – Container Ship
Feed Barley		Canada: BC, Alberta, Saskatchewan & Manitoba	Southeast Asia: Japan. Saudi Arabia	Export - Bulk
	Household goods	China	Canada	Import – Container Ship
Logs		Canada: British Columbia	Japan, South Korea, China	Export – Dry Bulk Carrier
	Lumber	Canada	Japan, South Korea, China	Export – Container Ship
Oats		Canada	Many countries	Export – Dry Bulk Carrier
	Office Supplies	China	Canada	Import – Container Ship
Petroleum Coke		Canada: Alberta	Asia: Japan	Export – Dry Bulk Carrier
	Pulp & Paper	Canada		Export – Container Ship
	Retail Goods	China	Canada	Import – Container Ship
	Scrap Steel	Canada & the United States	China	Export – Container Ship

**Goods Traded Through the Port of Prince Rupert - For Teachers**

<b>Resources</b>	<b>Products</b>	<b>Country of Origin</b>	<b>Destination Country</b>	<b>Comments</b>
Soybeans		Canada: BC, Manitoba, Ontario & Quebec	Asia: Japan, Malaysia, Thailand, Hong Kong, Singapore, Thailand, Vietnam  Western Europe: Netherlands, Norway, Belgium	Export – Container Ship
	Textiles	China	Canada	Import – Container Ship
	Waste Paper	Canada & the United States	China	Export – Container Ship
Wheat		Canada: Alberta, Saskatchewan & Manitoba	Asia: Japan, China, Indonesia, South Korea, Malaysia, Philippines, Singapore, Taiwan, Thailand  Western Europe:	Export – Dry Bulk Carrier
	Wood Pellets	Canada	European Union	Exports – Dry Bulk Carrier