

# Chapter 3 - Resources in Your Life

Name: \_\_\_\_\_

Group Name: \_\_\_\_\_

1. What was so important that happened in February 1947 at Leduc?  
(Page 66)

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Pretend you are a reporter watching the amazing oil reserve discovery in Leduc in 1947. Write a headline and two sentences to describe the find in the speech bubble for the Claresholm Local Press that will catch your reader's eye! (Page 66)



What are natural resources? Page 67

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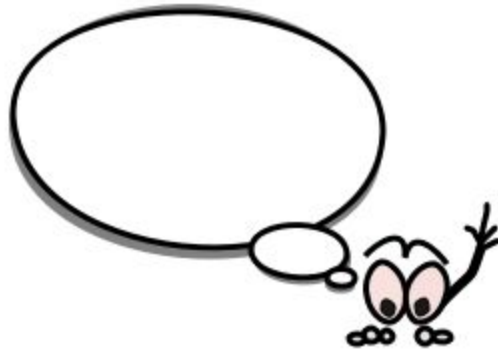
Alberta is an energy province in Canada. Why was it and still is called that?  
(Page 68) \_\_\_\_\_

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Look at the picture below and the one in your textbook on page 68. What jobs do you think the discovery of oil and gas created in Alberta? Put down some jobs that you think were created by the discovery of these resources.



Think about your day today. How many times have you depended on an energy resource? Use jot notes to list at least 5 times that you used an energy resource. Use page 69 to help you out.

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Energy produces \_\_\_\_\_ for heat and light and it runs machines. Most of the energy resources we use in Alberta are \_\_\_\_\_ fuels. Alberta has far more fossil fuels than any other \_\_\_\_\_ in Canada. (Page 69)

Fill in the chart using the one on page 69 as a guide to fill this one in.

Fossil Fuel			
How we use it			

From the chart, what do you notice that most of the energy resources that are fossil fuels are used for?

\_\_\_\_\_

\_\_\_\_\_

This is a truck used in the Athabasca Oil Sands near Fort McMurray. What makes up the oil sand that

fits in the back of the truck? Page 70

What is bitumen? Page 70

The Athabasca Oils Sands are the largest oil reserve in the \_\_\_\_\_.

Read page 70 and 71 in the textbook. Explain in a paragraph how oil is taken from the OIL SANDS in Alberta.

Read the Current Events Bulletin Board write an answer in a paragraph below.

How is oil extracted from the oil sands in northern Alberta?

What are some of the viewpoints (page 72-72) that are occurring with the development of the oil sands in Alberta? Retell what each person is saying in your own words in the bubble beside the person, and then draw yourself and what you think about the oil sands projects in Alberta.

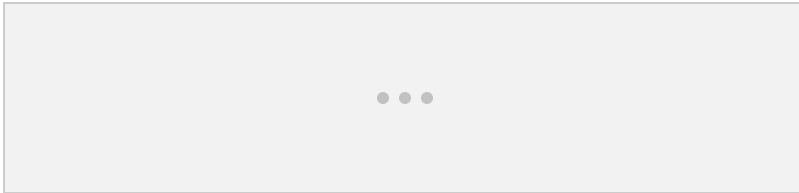


Alana Ingram - Environmentalist

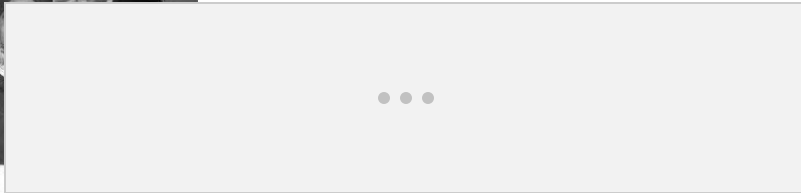


Philip Marceau - Trapper

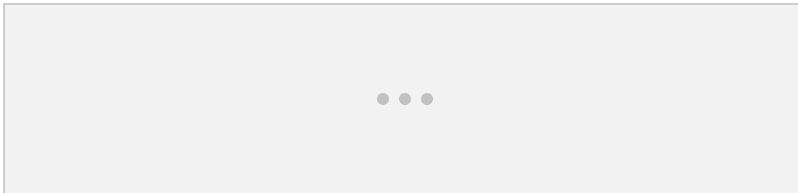
Mertle Calahaisn - Cree Elder



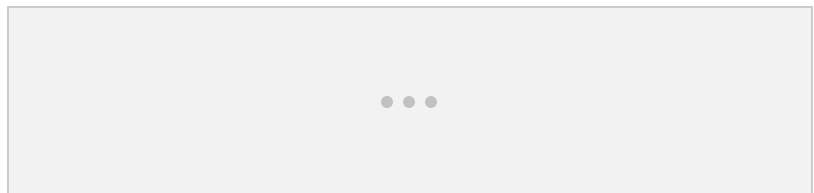
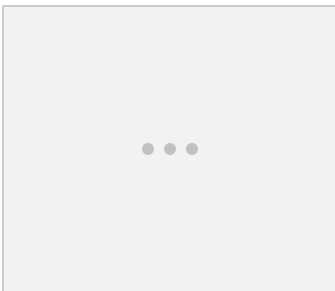
Kahlil Jiwa - Oil Sands Worker



Jim Miller



YOU - STUDENT West Meadow Elementary GRADE 4 - What is your view on the Oil sands?



Your Point of View

What are some challenges with the oil sands? How are they being met? Will these challenges affect you? How? Page 73

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What are three communities that coal is mined in? (Page 74)

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Look at the big picture on page 74. What do you think the coal is most likely being used for that is being dug out from the seam?

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What are some other things that we mine and use in Alberta? (Page 74)

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Fossil fuels are \_\_\_\_\_ resources which means that once they are used up, they cannot be replaced or renewed. How long does it take for this type of resource to renew itself? Page 75

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Conservation of natural resources means what? (Page 75)

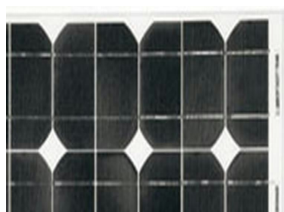
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Fill in the chart of how YOU can conserve our precious energy resources at each of the places. You must have the one from the textbook and three others for each! (Page 75)

<i>Home</i>	<i>School</i>	<i>Both</i>
✓ 1	✓ 1	✓ 1
✓ 2	✓ 2	✓ 2
✓ 3	✓ 3	✓ 3
✓ 4	✓ 4	✓ 4

Read page 76 and 77 in your textbook. Fill in by each of the shapes below with the type of energy it makes and describe it.





Agriculture in Alberta. Nearly \_\_\_\_\_ of the land in Alberta is used for farmland and ranching. There are \_\_\_\_\_ farms and ranches in Alberta. (Page 78)

What are some products that are made from agricultural services in the province of Alberta? Use the chart from the book, but also add in your own to complete it. (Page 78)

Food from Alberta	text (list 2 or 3)	own/internet (1-2)
Dairy Cattle		
Beef cattle, pigs, sheep, buffalo, chickens, bees		
Grains such as wheat, oats, barley		
Canola		
Vegetables, fruits		

Why is wheat important to Alberta's Identity? (Page 80-81) What things can be made out of wheat?

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If wheat grows well here in Alberta, then what do we do about the problem of the land being so dry in the south part of the province? Explain. Page 82

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## Alberta's Forests

Go home and ask your parents, or teachers in the school. Ask them this question: What do you value the forest most for? Oxygen, wood or recreation. See what adults believe is the most important use for forests. Do you think kids think the same? (Page 84)

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Which two regions does most of the logging in Alberta happen? (Page 85)

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So we use all of the lumber that we make for ourselves in Alberta? Yes or No. What do we do with the lumber that we do not use? (Page 85)

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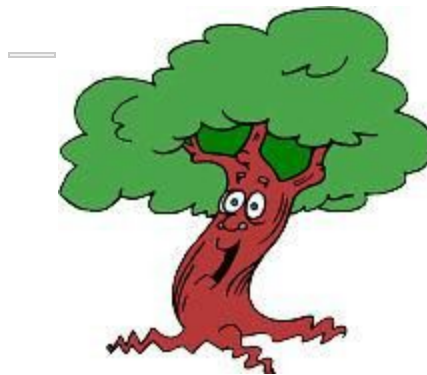
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## Tree of Knowledge

(See how smart you are as a reader)

The tree wants you to be an all knowing entity. You must find as many facts from the textbook and also other sources (social chapter information board) that you can add to the Tree of Knowledge. One has been added to get you started. Use pages 84-87 to help you.

Most of the trees in Alberta are in the Boreal Forest Region.



Which viewpoint of "HOW SHOULD WE USE THE FOREST" do you agree with on page 86? Write it down and explain your answer why you think that viewpoint is the MOST important to you.

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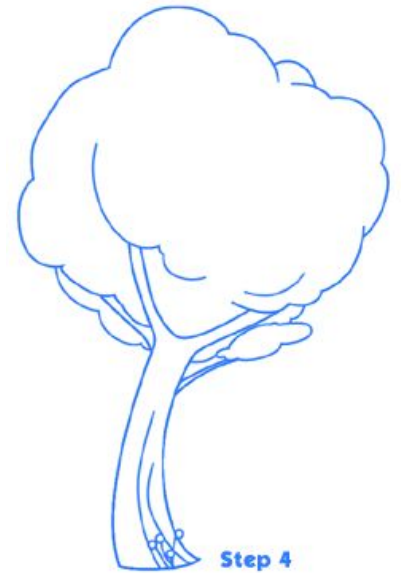
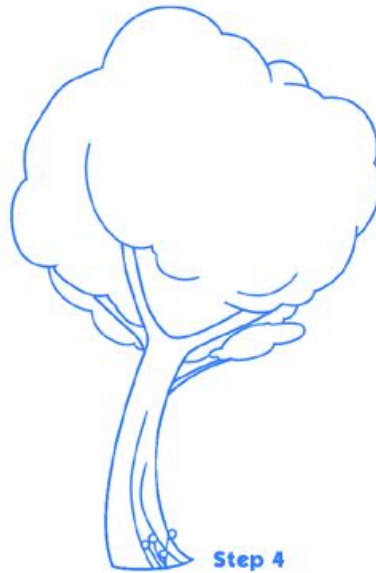
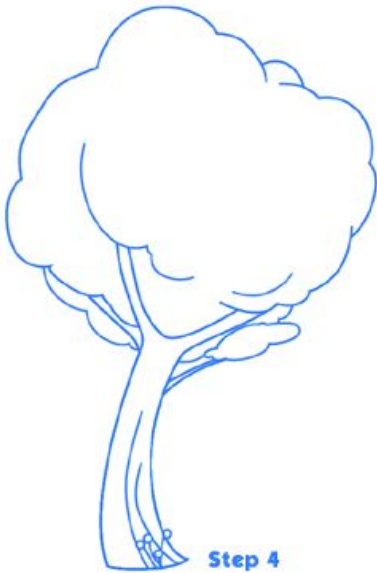
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On page 87, what does the word sustainable resource mean?

How can we keep our forest a sustainable resource? List three reasons in the trees below and explain them.



Read

about how a community forms on page 88. Most of Alberta's communities started from a resource. Which resource do you think Claresholm started around? \_\_\_\_\_

Communities grow usually around a resource. Using the diagram on page 88, map out how a community starts and grows.



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Using the map on page 89, tell what resources are around the following communities. Do you think this is how the community grew?

Community	Region	Resources	Where in Alberta? (direction)
Fort McMurray			
Red Deer			
Medicine Hat			
Grande Prairie			



How have natural resources helped communities in Alberta grow?