

Activity 1 Handout

Part 1: The Forest Ecosystem

Once you have watched Part 1: *The Forest Ecosystem*, harvest your new-found knowledge to answer the following questions.



<p>1 Trees absorb carbon dioxide and produce oxygen. They also make food for themselves. What is this process called?</p>	<p>2 Healthy, growing forests absorb and store more carbon dioxide than they release. Scientists use the term _____ to describe this.</p>
<p>3 Which absorbs more carbon dioxide and produces more oxygen: younger or older trees?</p>	<p>4 Trees help keep our water clean. What part of the tree filters rainwater and melted snow to remove silt and other impurities?</p>
<p>5 Other than trees, name two lifeforms that depend on the forest.</p>	

Part 2: Human Values of the Forest

If you go down to the woods today, you're in for... a quiz! Based on Part 2: *Human Values of the Forest*.

<p>1 List three reasons that people use the forest.</p>	<p>2 How many seedlings are planted in Alberta each year?</p>
	<p>3 What are two jobs related to the forest?</p>

Activity 1 Handout Continued

Part 3: Land-use Planning

Chop, chop! Let's see who knows the answer... based on Part 3: *Land-use Planning*.

1

Who owns the Crown forests in Canada?

2

In Alberta, before a forestry company can harvest trees, what does the government require them to create?

3

Name two things forestry companies must consider when making forest management plans?

Part 4: People and Products

Can you root out the answers to the following questions? Based on Part 4: *People and Products*.

1

Name three forest products:

2

Which insect is causing problems in British Columbia and Alberta's pine forests?

3

How many people work in Alberta's forest sector?