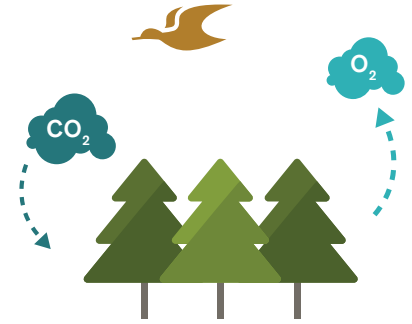


## Activity 1 Handout

# Part 1: The Forest Ecosystem

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



**1** Trees absorb carbon dioxide and produce oxygen. They also make food for themselves. What is this process called?

**2** Healthy, growing forests absorb and store more carbon dioxide than they release. Scientists use the term \_\_\_\_\_ to describe this.

**3** Which absorbs more carbon dioxide and produces more oxygen: younger or older trees?

**4** Trees help keep our water clean. What part of the tree filters rainwater and melted snow to remove silt and other impurities?

**5** Other than trees, name two lifeforms that depend on the forest.

# 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*.

**1** List three reasons that people use the forest.

**2** How many seedlings are planted in Alberta each year?

**3** What are two jobs related to the forest?

## Activity 1 Handout Continued

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### Part 3: Land-use Planning

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

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**1** Who owns the Crown forests in Canada?

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

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

### Part 4: People and Products

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

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**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?