

Activity 3a Handout

Let's Explore the Forest

No hiking boots or compass required! All you'll need is your trusty map of Greenville Forest. Use it as your guide to answer the following questions on forest issues and forest management.



1

What sorts of professions are found in the forest sector? Why is it important that people have jobs?

2

Give examples of ways people enjoy the forest for recreation. Why is it important that these needs be considered?

3

What are some traditional uses of the forest and why is it important that they be considered?

4

Why do we harvest trees?

Activity 3a Handout Continued

5

List two ways forest companies ensure that trees remain abundant in the forest.

6

Why is it important that our forests have trees of varying ages?

7

Why is it important to have several species of trees in a forest?

8

Name some animals that prefer to live in:

a) a young forest

b) a middle-aged forest

c) an old forest

9

Are wildfires good or bad? Why?

10

What considerations do forestry companies have to make about water when harvesting?

Activity 3b Class Discussion Guide

Topic 1: Mountain Pine Beetle

There are lots of pine trees in the forest near Greenville. Forest scientists have noticed that some of the trees in that area have been infested with the Mountain Pine Beetle. The beetle tends to attack older pine trees (80+ years) because they are no longer strong enough to defend themselves. The beetle can spread very quickly, killing many trees.

.....

1. Identify which areas on our map would be most vulnerable to pine beetles.

.....

2. If all pine trees died, who would be affected?

.....

3. What can be done to stop the spread of the pine beetle?

.....

Activity 3b Class Discussion Guide Continued

Topic 2: Sustainable Forestry

“Sustainable forestry” means that we do not remove more trees from the forest than can be actively replaced (accounting for the time trees take to regrow). This is essential to maintaining a healthy ecological balance.

1. What factors do you think a forest planner needs to consider when developing a plan for which parts of the forest to harvest?
-

Activity 3b Class Discussion Guide Continued

Topic 3: Wildfire Management

Greenville is a town that is surrounded by forest. Last year there was a wildfire that spread close to the town and threatened the safety of people and their homes. It did not spread into the town, but with plenty of dry deadfall among the trees nearby, the townspeople are nervous that another wildfire could be much worse.

1. What can be done to prevent a future wildfire from spreading into Greenville? What steps can be taken to keep people safe?
-