

Activity 1 Handout

Young Forest



Part 1: Harvest

1

Check out some of the following resources to learn how people use trees, some of them may surprise you! What are the top two wood products in Canada?

Optional: Take a bingo sheet home and see if you can get a bingo!

<https://www.workwild.ca/2020/03/26/wood-product-scamper-hunt/>

<http://albertaforestproducts.ca/about-us/wood-works/>

<https://www.nrcan.gc.ca/our-natural-resources/forests-forestry/forest-fact-book/forest-products/21685>

2

Before a harvest, forestry companies must have a plan. How long does it take to create that plan? How often is it renewed?

3

What are some examples of things that are considered in a forest management plan?

4

A forest management plan in Alberta looks 200 years in the future. Why is it important to look so far ahead?

Activity 1 Handout Continued

Part 2: Reforestation

1

Why do forest companies replant the trees that have been harvested?

2

How many trees are planted for each tree harvested?

3

Do you know which tree species are harvested in Alberta and how are they used? Use some of the following resources to learn about common tree species in Alberta. List at least 3 different tree species and their uses.

<http://abtreegene.com/albertas-trees/>

<https://www.insideeducation.ca/learning-resources/guide-common-native-trees-shrubs-alberta-46/>

<https://tidcf.nrcan.gc.ca/en/trees>

4

How long do forestry companies monitor the growth of seedlings in a young forest?

5

Tracey Courser is a planning superintendent. Visit the link below to learn about another planning forester. Based on what you have learned, why is it important for people to understand forests and forestry in Alberta?

<https://www.workwild.ca/2015/04/16/forestry-job-profile-planning-forester/>

6

Visit workwild.ca/career-profiles/forestry/ to learn about the three different types of foresters. What are they, and how are they different?



Part 3: Young Forest Ecosystem

1

Young forests provide habitat for different species than older forests. What is the major factor that affects the plants and animals found in young forests?

2

Why are deciduous trees, like aspen poplar, not planted? Do your own research to learn about why aspen poplar trees grow quickly. List some of their adaptations below.

<https://www.fs.fed.us/wildflowers/beauty/aspen/grow.shtml>

3

Aspen trees play an important role in our forest's ecosystem, however, because they grow so quickly they can outcompete conifer species like spruce and pine. How might foresters help conifers grow?

4

What is edge habitat?

5

Give an example of an animal species that is drawn to young forest or edge habitat. Why?