



TREE SCHOOL

Intermediate - Lesson 2

LESSON 2: WHY WOOD – RENEWABLE RESOURCES

TEACHERS NOTE

Let's look more closely at wood, a product we use every day! One of wood's most important qualities is that it is renewable - we can always grow more.

CLASS ACTIVITY:

The products and energy sources we use every day can be put into two categories - renewable and non-renewable.

- Define renewable resources (A natural thing that people can use - one that can be replaced through natural cycles) and non-renewable resources (A natural thing that people can use - one that cannot be replaced through natural cycles)
- Have class brainstorm a list of examples of renewable and non-renewable resources.

Examples:

Renewable: fish, water, trees, farmland, hydro power, solar power.

Non-renewable: oil, gas, coal, minerals.

- Discussion:
 - why are renewable resources considered to be much better for the environment than non-renewable resources?
- Have the students do the "Wood - A Renewable Resource" worksheet on the next page.

RESEARCH RESOURCES:

Exploring Canada
grade 5 text by
Bowers and Swanson

Natural Resources Canada
Print and web material

KEY

- | | |
|-------------------|--------------------|
| 1 = sun | 6 = fertilizing |
| 2 = seed | 7 = carbon dioxide |
| 3 = fire | 8 = food |
| 4 = wood products | 9 = photosynthesis |
| 5 = seedlings | 10 = renewable |



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FILL IN THE BLANKS

Choose the best word from the list (right).

- 1) The energy used to grow wood comes from the _____.
- 2) The part of the tree that makes it renewable is the _____.
- 3) Forests have been destroyed over the ages by _____, disease, volcanic eruptions, glaciers, flooding, landslides and other natural causes. They are still here because of their ability to grow back.
- 4) Forests can be cut and regrown over and over to produce the _____ people need.
- 5) We can speed up this “renewability” by planting _____.
- 6) We can speed up the growing seedlings by weeding and _____.
- 7) Growing trees also store _____ when they grow - this is one of the gases given off when we burn fuel (a non-renewable resource) example: driving cars.
- 8) Tree leaves use solar energy to make their own _____ called sap.
- 9) The process of using solar energy to make this food is called _____.
- 10) The tree uses the food it makes not only to grow, but also to produce seeds which make it _____.

WORD LIST

wood products
renewable
sun
seedlings
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carbon dioxide
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fertilizing
photosynthesis
fire