



MAKE A TREE

I. Objectives

- a. Students will learn the process by which paper is made from wood.
- b. The problem of supply and demand will be discussed, and students will be encouraged to offer solutions.
- c. Students will discover ways that paper can be recycled.

II. Materials

- a. 1 paper towel tube per student (cut four slits perpendicular from each other)
- b. 1 pair of treetop cutouts per student (two cutouts)
- c. Tree fruit stickers – 1 set per student
- d. Pictures for presentation (5)

III. Introduction

??? When you come to school, what are some things that you use every day? (Students may or may not mention paper)

a. Today, we will be talking about something... something you use every day! Not only you, but other people all over the city, whether they are in school, working at jobs, or just staying home.

PAPER! You are going to learn more about paper today than you ever have before!

??? How many ways do you use paper in this class? (Allow students to answer)

IV. Where Does Paper Come From

??? Does anyone here know where we get paper from? (Paper comes from trees, and we're going to talk about how that happens)

??? How do you think we turn a tree into paper? What would we have to do to that tree?

a. Production of paper:

- Trees are cut down
- The wood is shredded into pulp and mixed with water
- The pulp is pressed flat until it is as thin as... paper!

b. Now... about cutting down the trees...

??? Does that mean we're going to run out of trees? (In some places, yes)

- In the United States, when loggers cut down trees, another group of people comes in behind them and replants new trees. This is required by law!

- Unfortunately, not all places in the world do this, as you can see in this picture. This picture was taken in Brazil, where many of the rain forests are in danger of being destroyed.

1. pass around clear cutting picture.

-Whenever we replant, we do it in several ways.

1. We can use seedlings (Pass out seedling replanting pictures)

2. Or we can use young trees grown at a tree farm! (Pass out tree farm picture)

- Both of these methods help us to save the forest that we cut down (Pass out replanted forest picture)

- But there's another way we can help conserve trees...

??? Can anyone think of how? (Recycling!)

c. How recycling paper saves trees

-By recycling paper, we don't need to cut down more trees to make new paper! In fact, a lot of the paper we use today is recycled!

- Paper can either be recycled by using it to make new paper, or...

- Taking paper you've already used and using it again!

??? What are some ways you can reuse paper? (Use a worksheet as an example)

- Today we are going to do an activity that recycles paper, by making something new with it!

V. Activity

a. Today, we are going to make a tree! But do you know what we're going to use to make this tree? Paper! And what's paper made from? Trees!

- Pass out paper towel tubes and treetop cutouts

- Assemble treetop and attach to tube

- Pass out stickers

- Allow students to decorate their tree!

VI. Conclusion

a. Any time you are about to throw something away, always ask yourself first, "Can I use this?" Not only does it help save paper, but it can save many other things as well! After all...

??? Whose job is it to take care of the earth? (It's up to all of us! And the better we take care of the earth, the better it will be for not only us, but for people in the future too!)











