



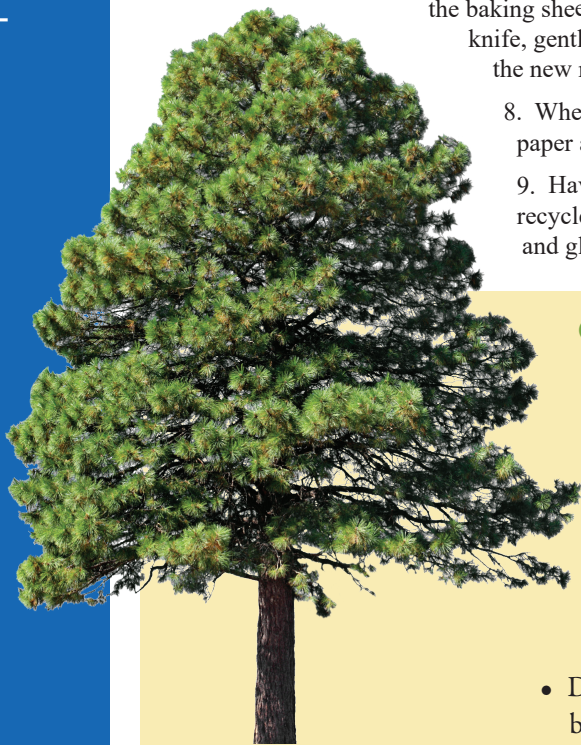
Making Recycled Paper

Create recycled paper—a forest product.

Grades K-3

Activity

1. Tear eight pages of a newspaper (or one full *What's Growin' On?* newspaper) into small strips of one inch or less.
2. Put the paper strips into a large bowl and add 1 cup of water to it. Stir and tear the paper in the bowl using your hands, making the paper as small as possible. Continue to add more paper or water until the pulp mixture is the consistency of cookie dough.
3. Place your baking sheet upside down on a flat surface. Cut a piece of plastic wrap and lay it across the bottom of the baking sheet, tucking the ends underneath the baking sheet. Take a second piece of cut plastic wrap and wrap the rolling pin.
4. Grab a handful (about half of the pulp) of the pulp and place the pulp in the center of the pan, shaping into pulp into a square.
5. Place multiple layers of newspaper on top of the pulp ball, using the rolling pin prepared earlier, roll the ball from left to right and top to bottom twice removing all excess water.
6. Remove the newspaper from the pulp and discard wet newspaper. Drain any excess water in the lip of the pan. If the mixture sticks to the newspaper, use a butter knife to scrape it back onto the pile.
7. Apply multiple dry sheets of newspaper onto square pulp. Flip the baking sheet over and set on flat surface. Using a butter knife, gently remove the plastic wrap from the pulp. Let the new recycled paper dry completely.
8. When it is thoroughly dry, peel your new recycled paper away from the newspaper.
9. Have students make a greeting card out of their recycled paper. They can draw designs or use glitter and glue to write a message.



Materials

- Large baking sheet
- Large bowl
- Measuring cup
- Water
- A large section of newspaper
- Rolling pin
- Butter Knife
- Plastic wrap

Tip

Recycle paper in your classroom and encourage students to recycle at home too!

Classroom Activities

English Language Arts

- Have students write a message in the card using proper grammar, salutations, dates, etc.
- Have students create a skit, rhyme, or song about the importance of recycling.

Science

- Identify the parts of a tree and the nutrients needed for survival.
- Discuss the importance of trees, what they can be used for, and how they reproduce.
- Have students bring items to class that can be reduced, recycled, and reused. Start a recycling program in your classroom.

California Standards:

Kindergarten

ELA CC: W.K.7
NGSS: K-LS1-1, K-ESS2-2,
K-ESS3-1, K-ESS3-3

Grade 1

ELA CC: W.1.7
NGSS: 1-LS1-1, 1-LS3-1

Grade 2

ELA CC: W.2.7
NGSS: 2-PS1-2, 3

Grade 3

ELA CC: W.3.4
NGSS: 3-LS1-1, 3-LS3-2, 3-LS4-2

Did You Know?

The word paper comes from the Latin word "papyrus," named after the Egyptian reed from which paper was first made.

Adapted from "Forests Today, Tomorrow and Forever" by The Forest Foundation

