

# Recycling paper

Concept—Recycling is a way of saving energy



**Caution:**  
Supervision  
required

## CURRICULUM LINK:

Geography Curriculum and Science Curriculum—Environmental Awareness and Care strand  
Science Curriculum—Materials strand

## Experiment—Note: Get help from an adult to use the blender!

### You will need:

- Old newspaper
- Blender
- Coat hanger
- Nylon tights
- Bowl
- Rolling pin
- Chopping board
- Paper towels

1. Take several sheets of old newspaper and tear into little pieces.
2. Put the pieces of paper in the blender.
3. Add hot water and let the mixture sit for about 10 minutes.
4. Blend the paper mixture well.
5. Bend the coat hanger into a circular loop.
6. Cover the loop with the tights. Pull them taut and tie to form a kind of screen.
7. Lay the screen over the mixing bowl and pour the mixture from the blender onto the screen.
8. Wait until the liquid has drained into the bowl.
9. Spread the paper pulp around the screen and place the screen between two sheets of paper towel.
10. Place this paper towel sandwich on the chopping board and flatten it out with the rolling pin.
11. Remove the paper towels, allow your paper to dry (this can take a while!) and peel off the screen.

Recycling something often uses less energy than making it all over again. By recycling more of our waste we can save energy.

### Do more. You could:

- Experiment with making coloured paper by adding food colouring to the blender, or splashing some on the damp paper pulp at the end.
- Experiment using different types of waste paper to get different textures of recycled paper.

