



How Does A Paper Mill Make Paper?

Discussion Questions:

- 1) What is paper made from?
- 2) How is paper made?
- 3) What is recycled paper made from?
- 4) How does recycling paper help the environment?



Paper Making

Paper is made from wood. The timber industry provides the paper making industry with wood. A factory that makes paper is called a paper mill.

Forests of trees are often planted especially for the purpose of woodchipping. These trees are felled and sent to the saw mill to be chipped and processed.



First, the logs are stripped of their bark. Then the logs are run through powerful woodchipping machines.



The woodchips are processed to make them finer and they are boiled with water and chemicals to make a pulp.



Recycled paper can also be added to the pulp mixture.



It is treated first, to remove the old ink. The new paper pulp can have dyes added to make different coloured paper.



The wet pulp is sent through the paper making machine. The pulp enters the machine as a continuous stream. First, it is poured onto a on a wire mesh so that excess water can drain through. Then the paper moves through a series of pressing rollers and driers until it reaches the end of the machine.



The paper is rolled onto a spool, ready to be used. For example, this paper could be sent to a printing factory for the production of newspapers or magazines.

