

PAPER

The importance and its usage



Erasmus+

Erasmus project – Spring celebration
Activity „Paper Pyramid“ 2016 Oct

The history of paper

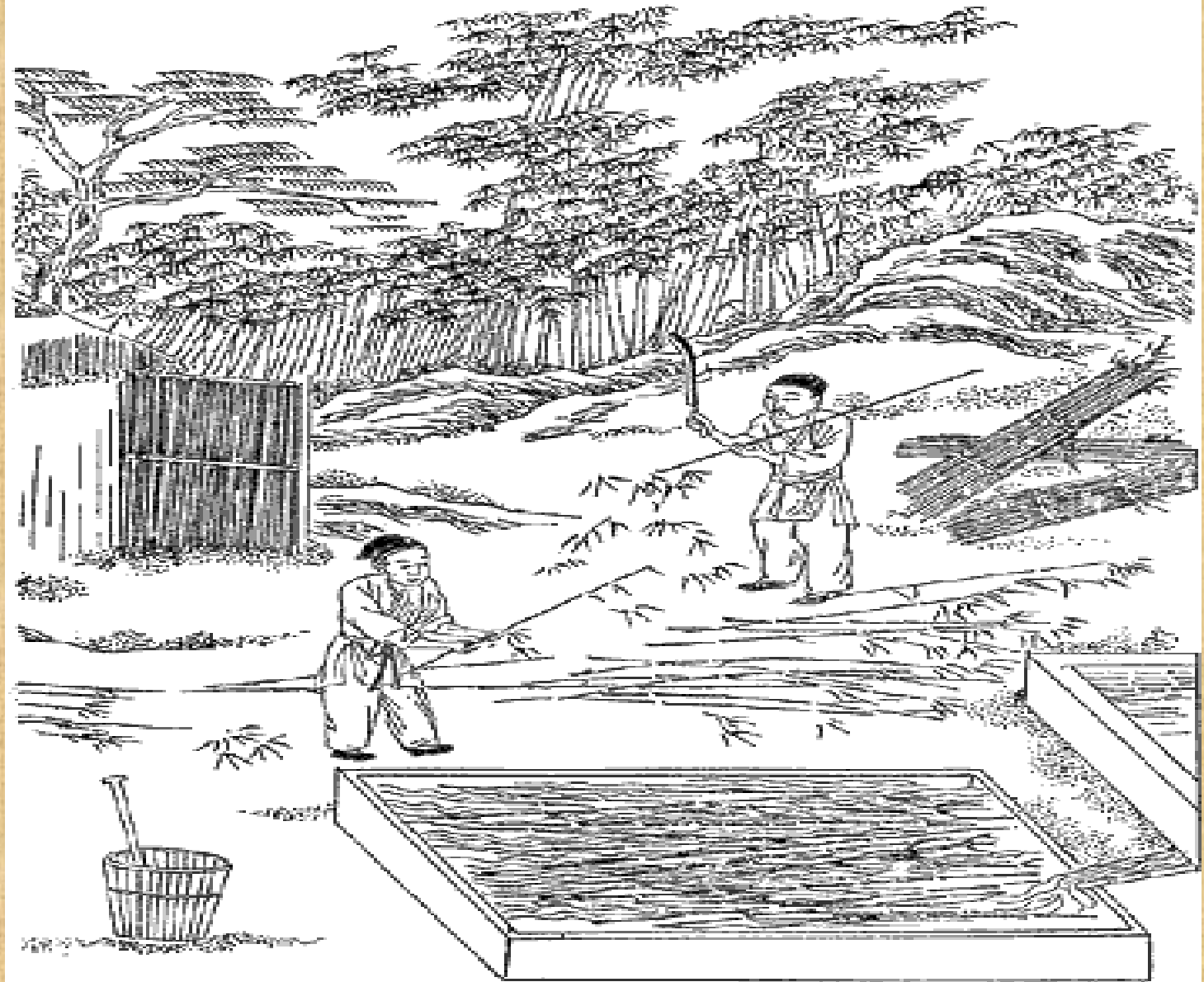
Paper is a writing material that was first invented in ancient China



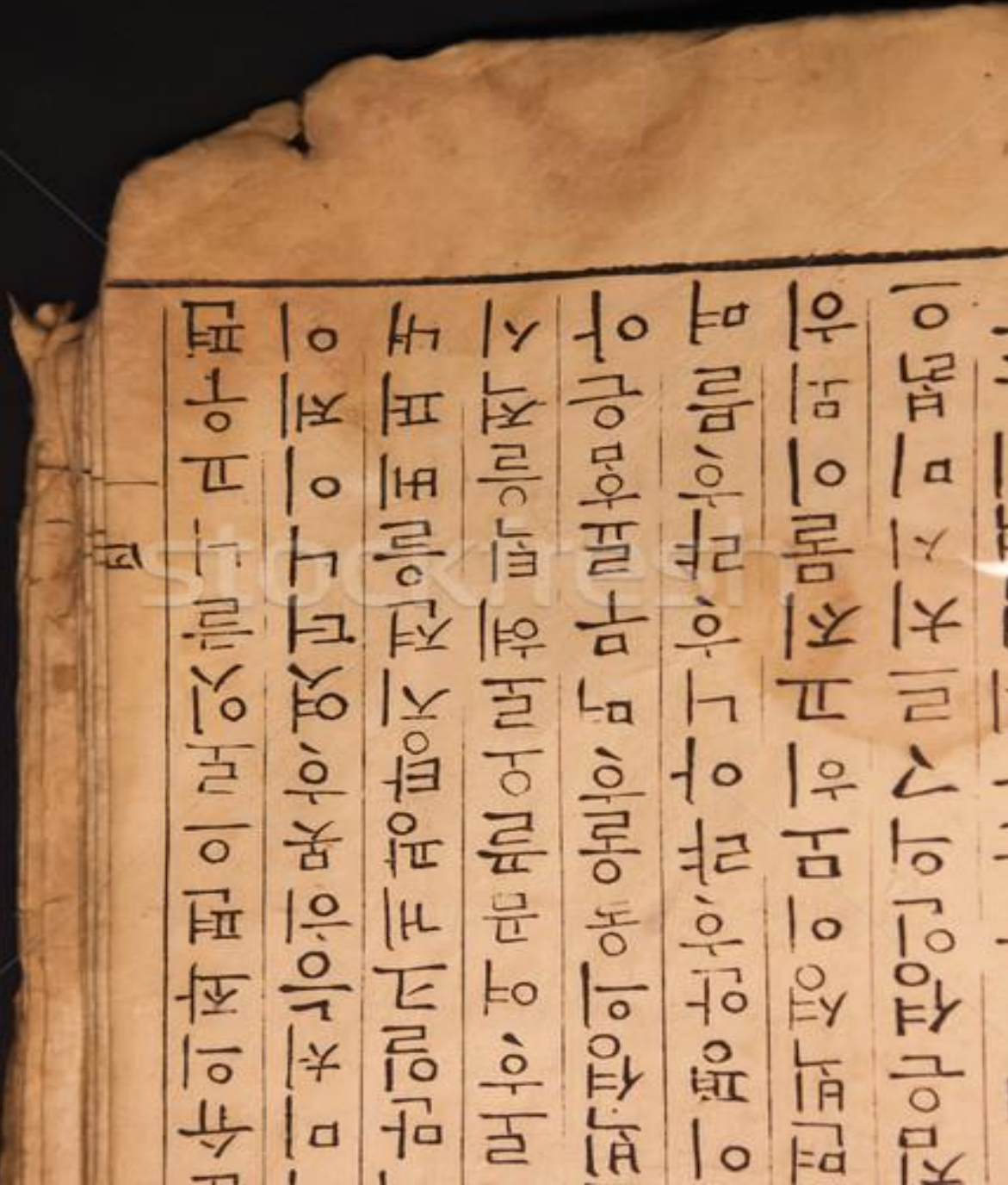
The first papermaking process was documented in period 25-220 AD

塘漂竹斬

The oldest way of making paper in China.



The first found papers



The word "paper" is etymologically derived from *papyrus*, Ancient Greek for the *Cyperus papyrus* plant.



Papyrus is older than paper

PAPYRUS is a thick, paper-like material produced from the pith of the *Cyperus papyrus* plant which was used in ancient Egypt and other Mediterranean cultures for writing long before the making of paper in China

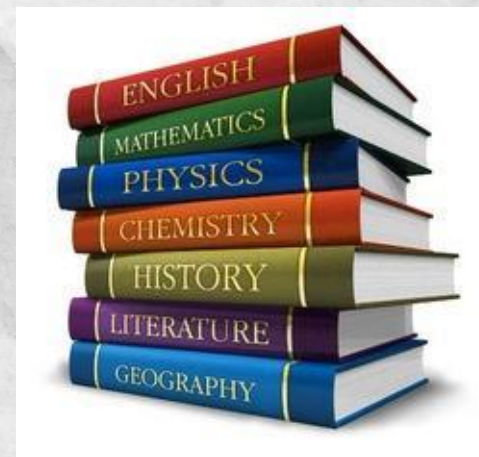


Ancient Papyrus Scroll
of Anhai

Paper today

We use paper every day in almost every sphere, we cannot imagine our life without it.

at home, at school, in business, when travelling, all kind of jobs, offices, in art and science too





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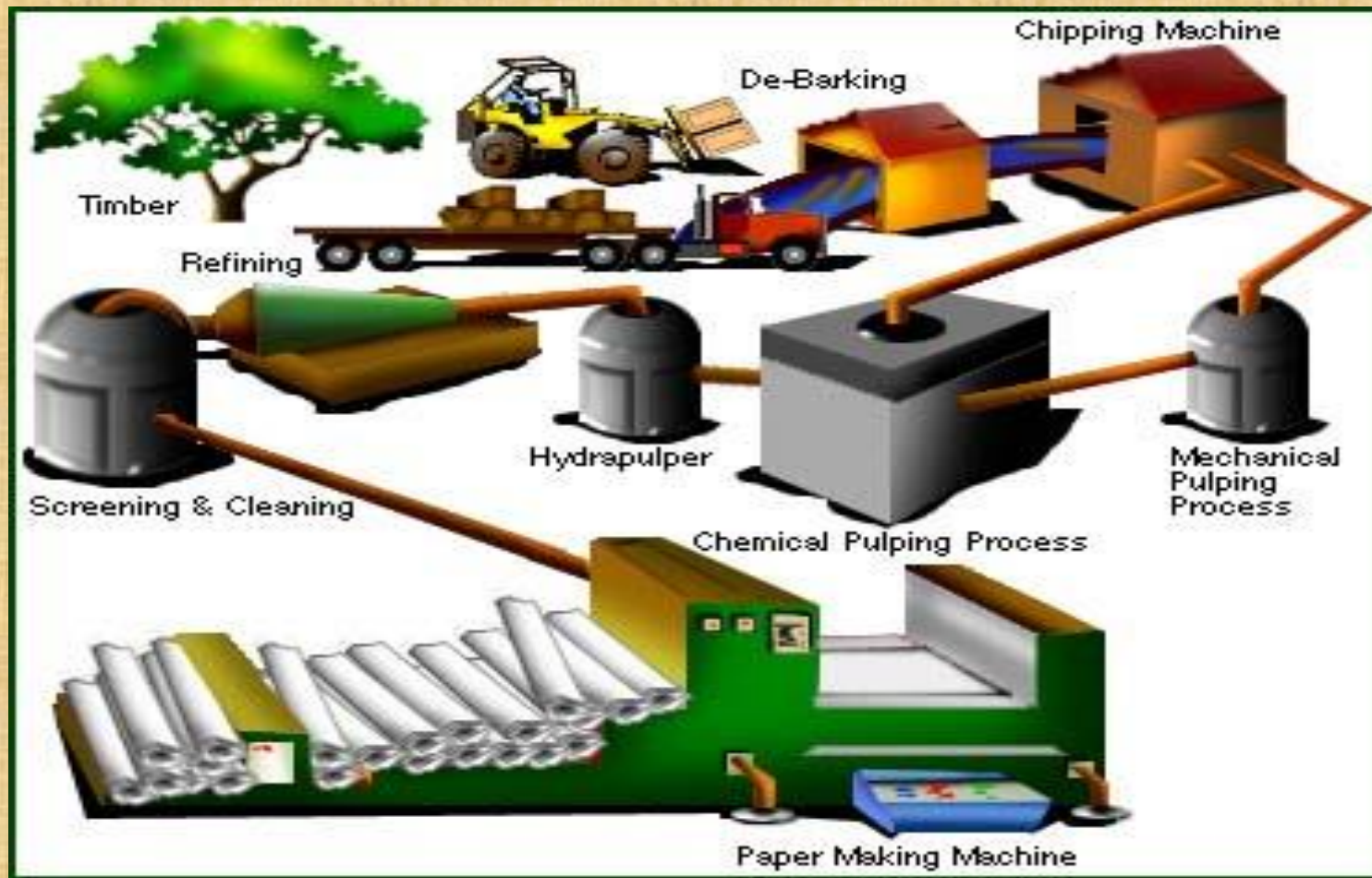
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How is paper made today

Paper is simple material. It is essentially a mat held together by the fiber's roughness, and can be made from almost any fibrous material like wood or recycled paper.



Here are 5 steps - how paper is produced

STEP 1: FORESTRY – Trees are cut down for making paper

STEP 2: DEBARKING/ CHIPPING – wood is cut into small pieces and mixed with water and chemicals

STEP 3: PULP PREPARATION – pulp is washed, refined, cleaned and sometimes coloured

STEP 4: PAPER FORMATION – Paper is squeezed between two rollers and it is dried into thin sheet

STEP 5: PAPER FINISHING – Paper is cut into smaller pieces and it is ready for use

Paper is made in factories – Paper mills



Ružomberok, Slovakia – Paper mill



Verzuolo, Italy - Paper mill



Paper is made of trees – the biggest environmental problem is to DEFORESTATION (destroying forests and woods)





Paper is made from trees

We destroy our environment - We destroy our forests
We destroy nature - We destroy green lands





We produce paper waste and we put rubbish in our environment – bad influence on our health and life



A vibrant, sunlit forest scene with tall, slender trees and a dense canopy of bright green leaves. The ground is covered in lush green undergrowth. The overall atmosphere is fresh and natural.

How to save our forests?

How to keep our environment clean?



Here are some good tips for you

1. Try to not use so much paper

2. If you are drawing – try to use both sides



3. Throw paper into special dustbins designed for paper waste

4. Collect paper and take it to recycling centre



5 Paper Tips: Think Before You Print

- 1.** Use both sides of the paper
- 2.** Go digital – read, send and store digital documents
- 3.** Be selective about what you print
- 4.** Reach for the right paper
- 5.** Recycle

GOT PAPER?



Save papers



Save trees



REUSE

Use the back of printed paper for notes, art, or more printing.



REDUCE

Read documents electronically. Print only what you need.



RECYCLE

Used paper makes good package padding or wrapping paper.

RECYCLE
RECYCLE

-
-

SAVE TREES
SAVE TREES



Start to collect paper:



So our „Paper Pyramid“ activity can save our environment and our planet



THE END

THANK YOU FOR WATCHING

CREDITS

Created by Peter Sabol and students from ZS, Hlavna 5, Druzstevna pri Hornade.
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