

South America





**Half of the medicines in the world come from rainforests.
The trees in the rainforest also help clean the air we breathe.**

South America

The Amazon rainforest is facing trouble.

The trees are being cut down to make way for mining and cattle grazing, as well for wood.

Solutions:

The government and scientists are taking bold steps to slow down, and eventually stop, the destruction of the forest.

They are educating the people in the area.

They have also increased police protection for those working to save the trees.

We can also do our part, by planting trees at home that will assist in cleaning the air!

In Martin's Time

Clearing forests of its trees is not a current problem.

Martin lived during a period in America called 'The Industrial Revolution.'

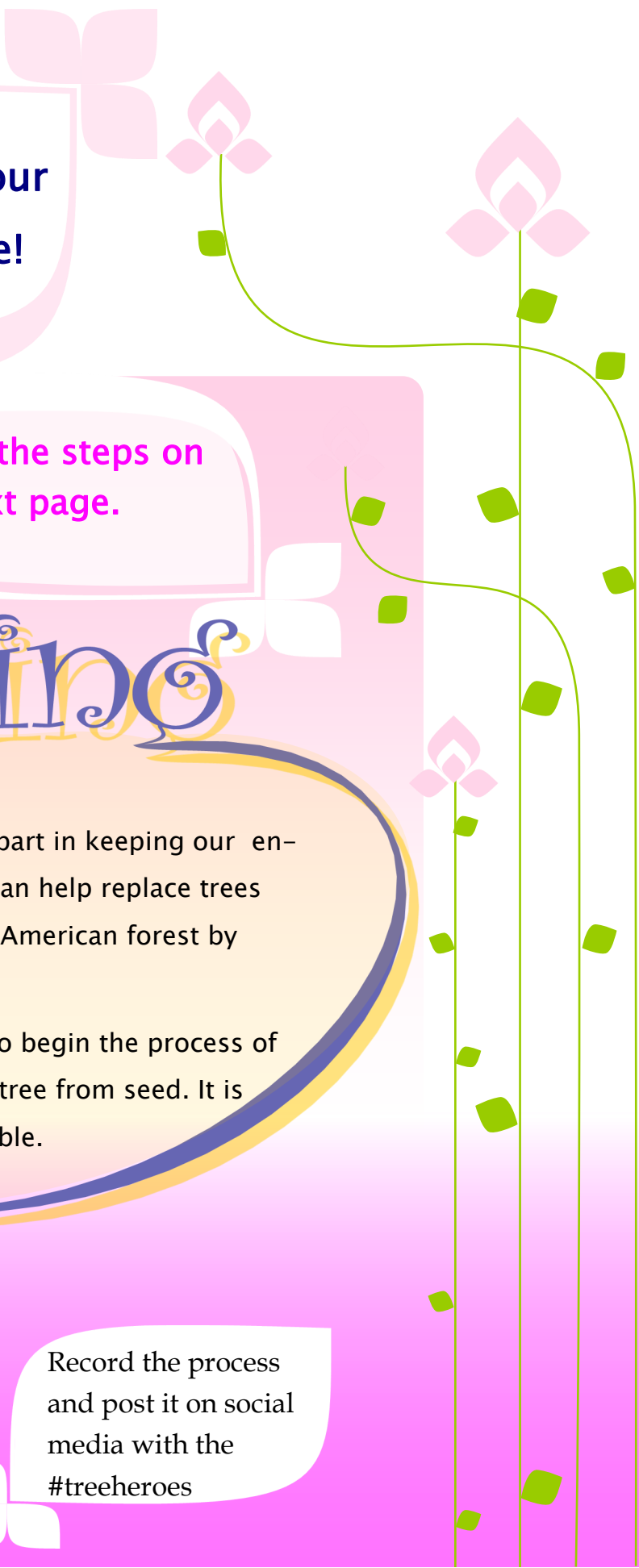
It was an era when large factories sprung up to make items that once required purchase from other countries.

It made America rich and powerful, but in the process our country lost some of its oldest forests.

Destruction made way for the factories, homes, and farms for a population that continued to grow.

In 1860, people began to realize the importance of what occurred and worked to reverse the damage.

To preserve the wilderness President Lincoln signed the Yosemite Grant on June 30, 1864.



Try to grow your
own apple tree!

Follow the steps on
the next page.

Spring

Trees play an important part in keeping our environment healthy. You can help replace trees taken down in the South American forest by planting some at home.

Spring is a perfect time to begin the process of growing your own apple tree from seed. It is difficult, but not impossible.

Record the process
and post it on social
media with the
#treeheroes



Apple Seeds



Growing a seedling from a seed .

Supplies:

- A container with a lid.
- Clean sand.

How :

- ◆ Place a layer of sand on the bottom of the container.
- ◆ Put the seeds on top of the sand.
- ◆ Cover the seeds with the sand.
- ◆ Put the lid on and punch some holes in it.
- ◆ Put it in the fridge 3-4 mos.

* Temp. at : 37-41F



Seedling



After 3 or 4 months in the refrigerator you should see a seedling starting.

Supplies

- A tiny garden pot.
- Potting Soil

How:

- ◆ Place some soil on the bottom of the pot, fill the pot 1/2 way.
- ◆ Place the seeds on top of the soil
 - ◆ Cover the seeds with soil.

* Grow it indoors.



Sapling



Once the seedling is too large for the pot transfer it to a larger pot to grow the sapling outside.

Supplies:

- Larger pot and good potting soil.

How:

- ◆ Fill the pot half way with soil.
- ◆ Create a Idip soil about two times wider than the seedling.
- ◆ Plant the seeds and cover.



Tree With Apples



Martin Van Buren planted 15,500, most likely grafted, apple trees for an orchard at Lindenwald.

In doing so, he was one of the first in our area to make a large scale business out of apple growing.

New York now produces over 20 different varieties of apples.

Apples are one of the main crops in the Hudson Valley . It's also where you can visit Lindenwald!



Apple Tree in Bloom



It takes approximately 3-4 years for an apple tree to bear fruit and blossom.

In mid-late May blossoming apple trees draw visitors to orchards all over the country.

The colourful leaves of apple trees again draw visitors for gazing in the season of Autumn.