

Leila Arboretum [1]

Planting a Brighter Future!

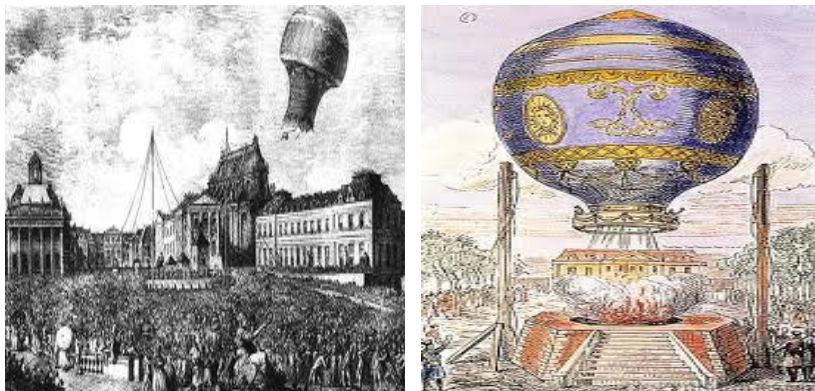
Leila Arboretum Children's Garden

The Rain and Shine garden is where you will find our Sundial and Balloon! Become a human Sundial or climb into our hot-air balloon and feel like you're floating over plants and clouds!

- ✔ What do you see?
- ✔ What patterns do you see in the garden?

Balloon History

In September 1783, a sheep, a duck, and a rooster became the first "passengers" in a hot air balloon launched in France by the Montgolfier brothers, Joseph and Etienne. The first human passengers went up two months later.



■ Make your own Hot Air Balloon (adult help required) 

Sundial

How to use a Sundial:

- ✔ Step into the set of footprints next to the month that you are currently in.
- ✔ Raise your right hand.
- ✔ The sun will cast a shadow across numbers in the pavement.

♥ This will reveal the time of day!



♥ Humans first realized that the sun could be used to tell the time of day over 3,500 years ago!

■ Make Your Own Sundial (paper)

■ Make Your Own Human Sundial (adult help required)

Come to the Children's Garden and see how a Sundial works, before you make your own.

Plants can tell time

✔ Plants can help tell what time it is? A French astronomer performed the first known experiment on biological rhythms in 1729. He investigated the behavior of heliotrope, a plant with leaves that are opened during the day and closed at night.

■ Biological Clock of Some Flowers

1. <http://www.lasgarden.org/index.html>