



Our Spring with birch Tree

Eva Milosevska-Lightning Adventurer33

Sofija Krstevska-Land Adventurer32

OOU''Goce Delcev Prilep''



You may ask: "Why are trees so important?". Well here's why:

Trees contribute to their environment by providing oxygen, improving air quality, climate amelioration, conserving water, preserving soil, and supporting wildlife. During the process of photosynthesis, trees take in carbon dioxide and produce the oxygen we breathe.

Our first measurements were on 18.02.2024. That's how our birch tree adventure started!



Then we measured the leaves on 24.02.2024



- Leaf 1: 8mm
- Leaf 2: 7mm
- Leaf 3: 6mm
- Leaf 4: 7mm
- The leaves were in DORMANT phase.

Here we have the measurements
when the leaves went in the second
phase (swelling) 15.03.2024



- Leaf 1: 12mm
- Leaf 2: 11mm
- Leaf 3: 10mm
- Leaf 4: 10mm

These are our measurements on 24.03.2024. The leaves here are in phase “swollen”



- Leaf 1: 12mm
- Leaf 2: 12mm
- Leaf 3: 12mm
- Leaf 4: 12mm

This is the final phase of the leaves (Budburst) 31.03.2024



- Leaf 1: 15mm
- Leaf 2: 12mm
- Leaf 3: 13mm
- Leaf 4: 13mm

These are our measurements on 29.04.2024



- Leaf 1: 61mm
- Leaf 2: 60mm
- Leaf 3: 55mm
- Leaf 4: 63mm

Our tree adventure through pictures (from a tree without leaves to a beautiful green birch queen)



This spring, it's quite rainy!

This spring in North Macedonia the average temperature is 18 degrees Celcius, but it's lower than usual for this time of the year.



About fifteen kids from our grade were in this project and were invested in measuring the tree.

Thank you for your attention !