

Limbazi Secondary School

Project description

The City Challenge

Regenerating Urban Space to connect People in a Healthy Environment

What is our question?

We are undeniably part of existing life, just as we are part of what affects it. Biodiversity is essential for maintaining and sustaining life. However, the diversity of all living beings on our planet has shrunk at an alarming rate in recent years. This is mainly due to human activities such as land use change, pollution and climate change. So we have a responsibility to take care of what's around us. Long-term diversity requires educating and familiarizing society with what it is, as well as acquiring skills to sustain it.

What is the possible answer?

Trees are one of the most important elements of nature, and those with large, whole green leaves play an important role in oxygen formation. Often the tree is talked about as the green gold of Latvia, and Limbaži is not exception, because they are innumerable, different and gorgeous in the city. The tree is one of the structures of living structure that can provide various information about oneself and the environment.

Our solution

To promote biodiversity in the Limbazi city. Biodiversity information stand will be created. Appropriate nesting sites for birds will be created.

Our path

Students, teachers, experts (nature conservation and biology) worked together to explore Limbazi City and its biodiversity.

- First CC event on 15th of December 2020 with expert Inta Soma. Expert Inta Soma showed how to determine air quality using lichens on deciduous trees as an indicator and recommended to look at previous research in Limbaži and provide reasonable conclusions about air purity or pollution in Limbaži.
- February 2021 - The science teams' meeting to plan activities and to assist in the process of preparation and installation of bird cages, to document the ongoing process.
- March- April 2021 - Bird cages were installed. The visualization of the Biodiversity Stand was created. (Due to COVID19 pandemic restrictions we had no possibilities to make it now, but we will continue practical work next school year)
- April 2021 - The science team of Limbaži Secondary School formed the second general meeting after the bird cages were made, where the common results were discussed, the creative

side of this activity was depicted as a story and the second year of the Tree of Life project was planned.



Where you can find the main results?

Science team reporters created a story about biodiversity and bird cages

<https://varupats.lv/putnu-burisi-un-to-izgatavosana/>

<https://www.uzdevumi.lv/p/biologija/8-klase/putni-12093/putnu-daudzveidiba-un-aizsardziba-12096/re-e3b07266-0113-456c-bfe9-4ccfda12dfc1>