

Creating a sustainable classroom

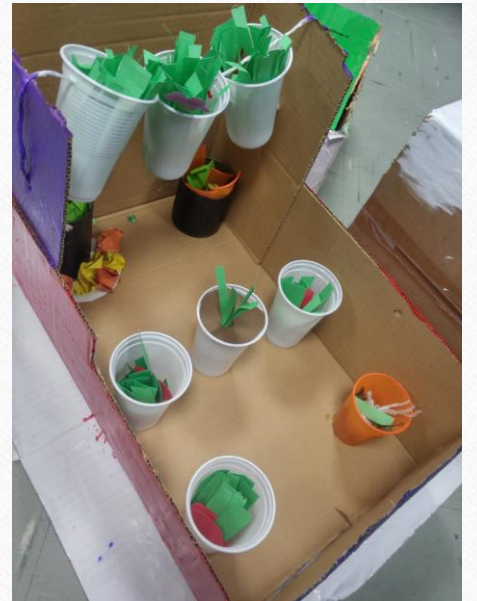
Innovation Project: **Week 3**

During the third week we continued working on our prototypes and 3d models.



We focused on one SDG: SUSTAINABLE CITIES AND COMMUNITIES

- We worked together in the construction of 3d models of three innovations for our classroom. These innovations already exist but we want to adapt them so that we can use them INSIDE the classroom.
- The innovations are:
- Vegetable garden Shelve
- Composter
- Recycling paper bin





VEGETABLE GARDEN



- We want to have a more **sustainable classroom**. Our idea is creating a vegetable garden in the classroom, with aromatic and decorative plants. Our idea is using the vegetables for **cooking workshops** or spicing up our lunch. The aromatic plants will be for aromatizing the classroom and the decorative plants are for decorating it. We did research on which plants can grow inside:

Garlic - Cherry tomatoes – Parsley Basil – Oregano Peppers – Rosemary

COMPOSTER

- What is it? Composting is a nature's way of **recycling**. Composting biodegrades organic waste, food waste, leaves, grass trimmings, paper, wood, feathers, etc. and turns it into a valuable **organic fertilizer**. (Taken from: http://ecochem.com/t_compost_faq2.html)

Our second idea is adapting a normal composter into one that can be inside the classroom.

NORMAL COMPOSTER



Recycling Paper

We use a lot of paper at school and we usually don't reuse it.
We want to create new paper from old one.



We did research on how to do recycled paper.

We need:

- Paper: to create new paper.
- Strainer: to dry off the paper.
- Blender: to decompose the paper.
- Water: to stir the paper.





We are
working
hard to
make our
classroom
more
sustainable!