

Basil Project

How we tried to grow basil without soil

We thought we would need water and light at least

We thought that we would try to grow basil in different kind of bowls and bottles

Initial ideas and sketches:

- To grow them in a bottle, close the bottle with the cap and poke a small hole to the bottle with a needle.

List the steps taken to make your system.

1. Germination on wet paper

2. We put the seeds in different kind of bottles with different ingredients:

- a Sodastream-bottle with dish soap, pH 5

- a Pepsi-bottle with water, pH 5

- a water-bottle with water, pH 5

- a glass with compost, pH 5

- a plate with wet paper, pH 6

Name the conditions that need to be controlled when growing the basil



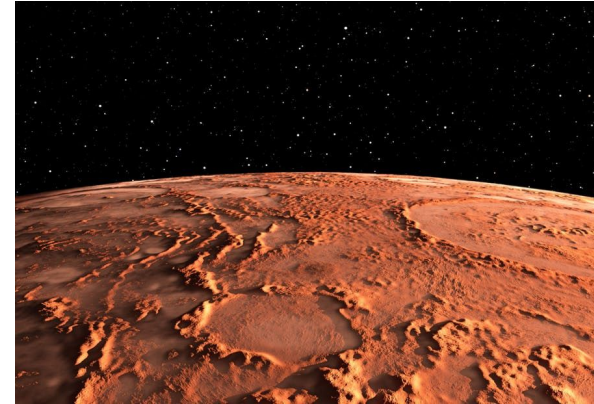
- **We need warm temperature, what we don't have in Finland**
- **We need enough light. It's november so we didn't have enough ;__;**
- **The amount of water!**

What were some of the problems you encountered while growing the basil?

- Cold weather, like i said we have so cold weather in Finland so it's so hard to grow basil**
- Lack of sunlight**
- Too much water,**
- Lack of oxygen,**

Explain how you could imagine a similar system being used effectively on Mars. There are many issues to think about eg, water, oxygen, light.

Yeah, we could make some cupol and let them grow. The cupol has right temperature, right moisture and just right amount light. So we can really survive in mars, unless the aliens don't attack :O



evolution of the basil



evolution of the basil part 2

