

I am the Lorax, I speak for the trees

Lucy Schneider & Chloe Rourke



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Brief background on the Project



Our question was “How long does it take to grow plants in water.” Since we literally need trees to breath and it takes a while for each tree to fully grow we decided to be little Loraxes for a while. We know that you can take a clipping of a plant and grow another plant from that clipping. We were wondering how long it took to grow a plant in water and (if it is an “outdoor plant”) continue to grow it outside or inside in a pot (if it is an “indoor plant.”) We used a spider plant to demonstrate the growth and how we did this project.



(We did not take this picture) →



Data, Tools and Location

We will be collecting data through how long it takes the roots to grow. We will be using glass water cups to grow the plants in, we will also use some non ocean water. When they have roots we will then put them in a pot with soil then we will be done! We will be doing this experiment at Lucy's place of residence.

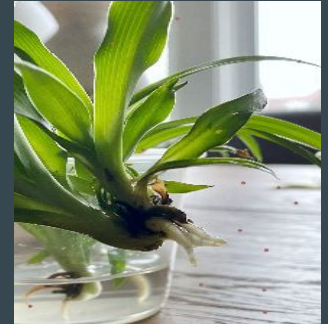


Introduction & Hypothesis.

The study will be taking place at Lucy's place of residence. We are exploring how long it will take a clipping of a plant to grow some roots so we can plant it. This will help the world because humans are cutting down ALL THE TREES AND WE NEED THEM TO BREATHE so this will help when we need to keep on planting plants. Like the lorax says we need to speak for the trees so we can speak ourselves and "I know it may seem small and insignificant but it's not about what it is, it's about what it can become." We think the plants will grow little roots and then keep growing roots until we can plant it.

Results

We checked on the plant everyday and started to see progress. The plant kind of sat there for a while, then it started to grow a little. We sometimes changed out the water maybe every couple of days, it depends on what it was like. It started to grow a little bit of roots and it just kept growing. The spider plant was growing very well with lots of new roots forming on the bottom of the plant. Overall, the spider plant grew extremely well. The leaves grew up they, were green and healthy, and the roots, although small were growing well. Each of the roots were about 1-2 inches long.



Conclusion/Discussion

We expected the results we got, it took less time than we expected though. While it was growing it took about 2 weeks. We thought it would take longer than it took, and were delighted at the results. It grew from a clipping, on the bigger side, of Lucy's spider plant. Overall, if we were to change how we did this we would probably start a bit earlier and get a better clipping.

Acknowledgements

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