

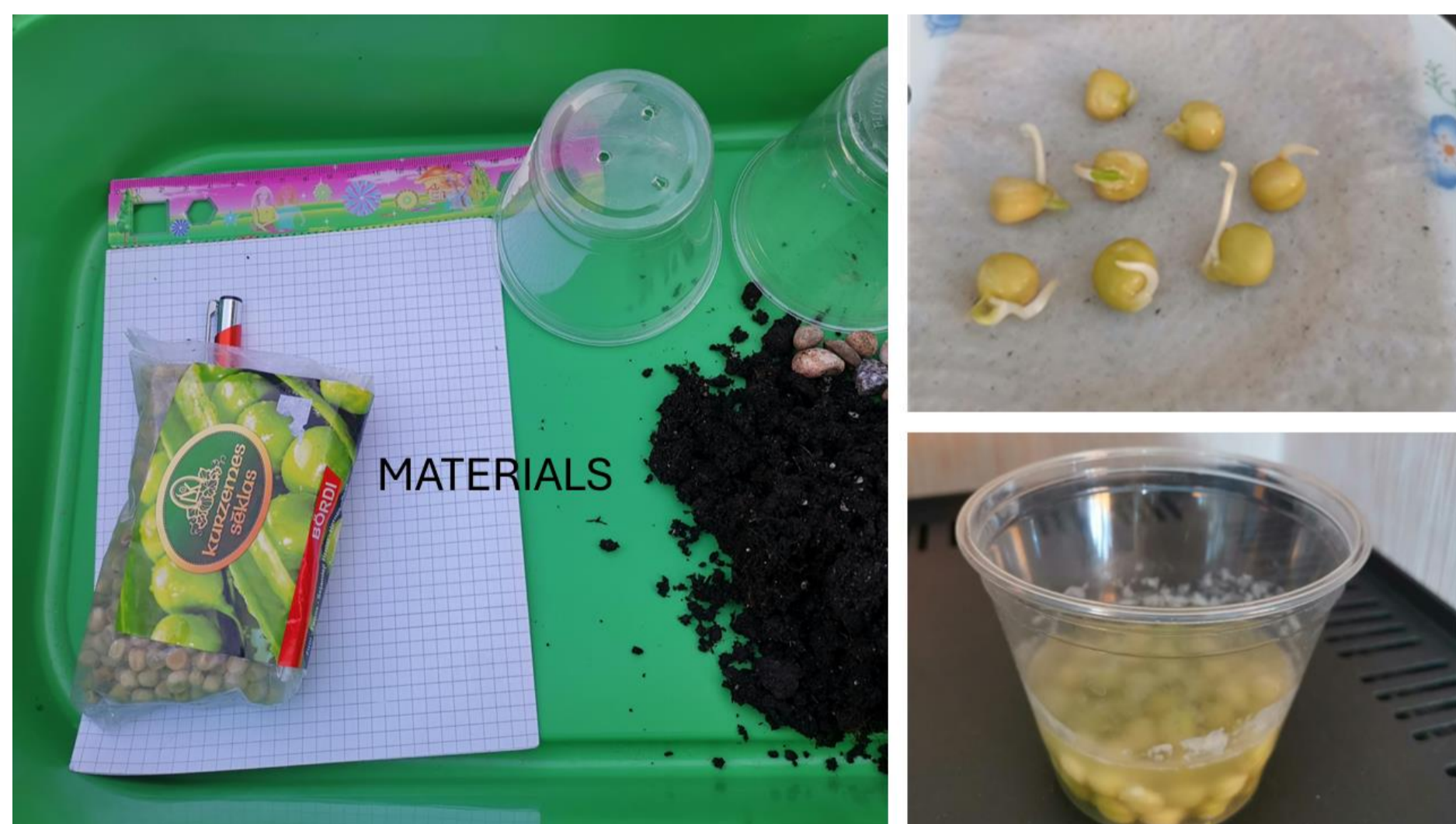
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Conditions Required for Seed Germination & How light Affects Plant Growth

Do your students like drawing graphs? Are they patient?

Start with simple hands-on activity: seed germination.

This project allows students to explore the basic elements that influence plant growth, from seed germination to the effect of light on vegetation.



Seeds were germinated in different places: in a garage, in a fridge, in deep water ...



9 days

21 day

27 days

Notes

On the left-plant grown in the sunlight, on the right-in the shade.

Children measured the length of plants every 3 days and recorded in a table, took photos, then displayed data in a graph.

Key Points:

- **Interactive Learning:** Practical experiments link theory to real-world scenarios.
- **Data Skills:** Students learn to record and analyze data, improving their evidence-based conclusion skills.

This project demonstrates that meaningful scientific exploration can be conducted with minimal resources, highlights the importance of planning, hypothesis testing, data recording, graphical representation of results and patience.