



From Seed to Plant - experiment

Students understand the importance of nature, are able to name the main plants around them. During the experiment, students are able to understand the necessary conditions for the plant to grow.

Summary	
Subject/Discipline	Environmental education
Weekly theme	Plants and gardens
Age group	6
Main topic	From Seed to Plant - experiment
Key concepts	<ul style="list-style-type: none">• Seed• Exmeriment <ul style="list-style-type: none">• Plant• Environmental protection

Learning Objectives	
<ul style="list-style-type: none">• Describe features of the natural and social environment;• Observe over a given period of time, a particular process (growth of a plant)	<ul style="list-style-type: none">• Communicate the results of investigations within the group;• Take responsibility for the care of his/her immediate environment

Equipment/material needed	
<ul style="list-style-type: none">• Seeds• Tools needed for growing a plant: container, soil, water.	<ul style="list-style-type: none">• Computer• Projector/smart board

Lesson Outline

Phase of the lesson	Duration	Description
Warm-up	5min	We start a discussion about how important nature is to a us. We are talking about plants; how important they are to our planet. The conclusion is reached that all people must protect the earth, not pollute it.
Main activity	10min	We remember the structure of the plant by playing the game: https://wordwall.net/resource/32237076
	15min	A long-term experiment is presented - From seed to plant. It discusses what conditions a plant needs to grow: water, soil, sun. We plant the selected seed in a container with soil, water it.
	5min.	Watch an educational video showing the actual growth of a seed and turning into a plant: https://www.youtube.com/watch?v=w77zPATVTuI
		Every day there is observation, growing of seeds and turning into plants. The results are discussed.
Assessment	5min	All students plant their seeds in their designated containers. Knows what conditions a plant needs to grow. Able to name the parts of a plant. Values the environment around them, respects it. Able to participate in a discussion about an experiment.

Conclusions and recommendations

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| <ul style="list-style-type: none"> The video, which shows the accelerated growth of a seed, perfectly reveals the transformation of a seed into a plant, it is recommended for children to emphasize that this action also happens in their seedlings. | <ul style="list-style-type: none"> It is recommended to give students freedom in choosing the seed they want to plant. Students learn to name the necessary conditions for a plant to grow. |
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