


Time of year: spring/planting/growing/discussion/game/experiment

Summary	
<b>Subject/Discipline</b>	Environmental education Take part in activities to help planting and maintaining plants. Take care of plants in the garden and at home.
<b>Weekly theme</b>	Spring in our backyard
<b>Age group</b>	5-6 years old
<b>Main topic</b>	Learn about the process of seed germination, what shapes and colours seeds come in and what plants need to grow.
<b>Key concepts</b>	<ul style="list-style-type: none"><li>• Seed</li><li>• Colour</li><li>• Experiment</li><li>• Big</li><li>• Small</li><li>• Water</li></ul>

Learning Objective	
<ul style="list-style-type: none"><li>• Try a new activity with a bean or pea to see what it takes to make a plant grow.</li><li>• In an interactive activity, they will be able to tell what a plant needs to grow.</li></ul>	<ul style="list-style-type: none"><li>• By looking at different seeds, they will be able to identify how they differ.</li><li>• Through a creative activity, children will learn how a seed becomes a plant.</li></ul>

Equipment/material needed	
<ul style="list-style-type: none"><li>• Computer</li><li>• Projector</li><li>• Felt tip pens</li></ul>	<ul style="list-style-type: none"><li>• Various seeds (beans, peas, dill, pumpkin, cucumber)</li><li>• Glass jars</li><li>• Paper towels</li></ul>

Lesson Outline		
Phase of the lesson	Duration	Description
Warm up	10 min.	During the morning circle, children are shown visual material. Discussion about what they have seen, what the theme of the day

<b>Main activity</b>		might be, children's thoughts, writing down their thoughts, discussing how plants grow <a href="https://www.youtube.com/watch?app=desktop&amp;v=w77zPAAtVTuI&amp;fbclid=IwAR1gzZpJG3bGJJQkKgUPjHI5hDD10XL2wwRbpW7gKmyeAMJSGz_XXp70ac">https://www.youtube.com/watch?app=desktop&amp;v=w77zPAAtVTuI&amp;fbclid=IwAR1gzZpJG3bGJJQkKgUPjHI5hDD10XL2wwRbpW7gKmyeAMJSGz_XXp70ac</a>
	5 min.	Watch the video and make the bean experiment together <a href="https://www.youtube.com/watch?app=desktop&amp;v=RTRW2Cf9U2U">https://www.youtube.com/watch?app=desktop&amp;v=RTRW2Cf9U2U</a>
	5 min.	Completing an interactive activity, children will be able to match a picture to a label and learn what it takes to make a plant grow. <a href="https://learningapps.org/display?v=p2ziaso1n23">https://learningapps.org/display?v=p2ziaso1n23</a>
	10 min.	For the creative activity you will need: 2 napkins or 2 sheets of paper towel, felt-tip pens, water, plate. Instructions: draw a flower on one layer and a seed on the other. Place the layer with the seed on top of the layer with the flower and then place both layers in a bowl of water (all as shown in the picture). 
	5 min.	Discuss with the children what was difficult, what they liked, what they didn't like, what tools they used, what they learnt, what they learned about growing plants. Children's reflections on this lesson using the evaluation tool "Emoticons".
<b>Assessment</b>		After experimenting with beans and peas, they tried a new activity to see what it takes to make a plant grow. By looking at different seeds, they are able to identify the differences between them. Through a creative activity, an experiment, the children learned how a seed becomes a plant. Completing an interactive activity, they are able to say what a plant needs to grow.

### Conclusions and recommendations

- After completing a creative activity, an experiment, children practically saw
- It is recommended to extend the activity outdoors, looking at the plants growing in

<p>how a seed becomes a plant.</p> <ul style="list-style-type: none"><li>• After watching the picture presentation, children saw how plants grow and expressed their ideas.</li></ul>	<p>the backyard and what is growing in the school garden.</p> <ul style="list-style-type: none"><li>• Sow the plants in a glass container with soil, observe their growth, take care of the plants and transfer the seedlings to the outdoor garden.</li></ul>
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**Project website [www.preedtech-project.eu](http://www.preedtech-project.eu)**

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