

What's up in the grass? - recognizing sounds and their owners

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| 1 | <p>Overall aims:</p> <ul style="list-style-type: none"> • Awakening interest in the surrounding world by observing the selected ecosystem • Developing the sense of hearing by listening to the sounds in the meadow • Recording sounds in the meadow (watching a movie with recorded sounds of insects) • Developing fine motor skills by making a grasshopper from a wooden buckle • Establishing the rules of appropriate behavior in the meadows |
| 2 | <p>Vocabulary - keywords</p> <p>meadow, insects, birds, sounds of insects: chirping, buzzing, knocking etc., grasshopper, cricket, ladybug, bee, ant, fly, snail</p> |
| 3 | <p>Sustainable abilities developed</p> <ul style="list-style-type: none"> • normative competency • system thinking competency |
| 4 | <p>Pillars of sustainability included</p> <ul style="list-style-type: none"> • ecological |
| 5 | <p>STEAM domains</p> <p>S, A, T</p> |



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Teaching methodologies/activity outline

Introduction

Before going out with the children to the meadow, the teacher asks questions: What is a meadow? What does the meadow look like? What can you find in the meadow? Who lives in the meadow? What can you do in the meadow? How do we behave in the meadow?

The teacher explains the purpose of the trip to the meadow: today we are going to the meadow and we will listen to what is going on in it? We will also record the sounds of the meadow to find out who lives in the meadow?

Main part

On the meadow - first we observe to our prior knowledge about the meadow We sit down in different places in the meadow and listen to the sounds in silence. We are looking for the source of sounds-noises - if a child spots an insect, he raises his hand and shows what he noticed. We name the insects that children find, we try to name the sound they make. Children record the sounds of the meadow. We are searching for a grasshopper and watch how it jumps, how it looks, how many legs it has. If there is no grasshopper, other insects can be observed.

Physical activity

The teacher invites the children to the circle (we are looking for a safe place to play, in compliance with the rules of nature protection).

A sound-imitation game - children turn into bees and imitate their flight and buzzing, turn into grasshoppers when they clap - they jump and chirp.

Running game - spider and flies - children run around when the spider catches - children stop motionless, which the child will move - the spider points at him and takes him to his web.

Fun on all fours - we sneak like mice

Finally, we march and breathe deeply.

Summary

If conditions permit, children can lie down on the grass and watch the clouds. Relaxation. Independent games in the fresh air.

Classes in kindergarten - can be done on the second day

We listen to and watch a movie with the sounds of crickets, we listen to our recordings.

Children create a grasshopper with wooden clips - brushes and green paint - they paint the clips green, stick their legs with creative green wires and eyes.

<https://dzieciakiwdomu.pl/2016/06/konik-polny-z-drewnianej-klamerki-i-wyciorkow.html>



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| 7 | <p>Expected learning outcomes</p> <p>The child will be able to:</p> <ul style="list-style-type: none"> ● Observe and examine the meadow ● Distinguish between insect and bird sounds ● Record the sounds of a meadow on a voice recorder ● Create a grasshopper from a wooden clasp and creative wires ● Formulate the rules of behavior in the meadow and follow them |
| 8 | <p>Assessment</p> <p>The child is able to express in his/ her owns words: What I liked the most about the meadow ... In the meadow lives ... The meadow is ...</p> |
| 9 | <p>Equipment and materials to be used in learning unit (tools, ingredients etc)</p> <ul style="list-style-type: none"> ● Blankets or foams for each child, voice recorder, clothes pegs, brushes, green poster paint, green creative wires, hot glue, googly eyes. |
| 10 | <p>Kind of setting - lab, kitchen, outdoor etc.</p> <p>meadow, classroom</p> |
| 11 | <p>References - source:</p> <ol style="list-style-type: none"> 1. Insects on the meadow - movie - https://www.youtube.com/watch?v=7WsV_AWt9AQ 2. https://www.youtube.com/watch?v=U4W47y_5cnc - sounds in the meadow photos - birds, insects, amphibians |

