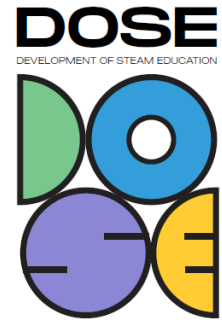




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1. Name of the project	„Colors from nature“
2. Subjects covered from STEAM areas	Nature science, physical activity, arts - art, Lithuanian language, physics, mathematics.
3. Target group (age range and size of the group)	3-4 years; preschool group; 14 children
4. Duration of the activity:	2 weeks
5. Key words:	spring plant, colors, science, art, natural materials, coloring.
6. Key sentence describing context of the activity, followed by short description	The children learned to recognize and distinguish spring plants, name their parts, colors, find out if all parts of the plant can be used to make paint, and how to make them. They made paint and tested what color the paint they made would paint a piece of paper.
7. Description of the activity environment, including the list of materials and tools needed.	Tools: IT tools, encyclopedias, magazines, books about spring plants, colors, natural materials, hammer, grater, cloths, jars, brushes, natural materials.
8. Step by step, detailed description of the activity, including teaching and learning strategies	<p>The children were introduced to spring plants, colors and their production, using educational films, documentaries, encyclopedias, magazines, and observation of plants in the natural environment. The teacher brought the children plants picked from the forest (lanterns, plums, etc.). The children were interested in the colors of the plants, their similarities and differences. The children examined the organs of the plant, noting that the brought plants had no roots.</p> <p>The children were divided into three teams. Each group searched and picked, in their opinion, the most suitable plants for the production of paints. One group chose yellow flowers (Dandelion), the second group - blue (Siberian holes), the third - green (plant leaves). After collecting the plants, we discussed with the children how we could create paint from the collected plants. The children suggested and chose: "beating", rubbing, and filling with boiling water. When the children made the paint, they used it on the fabric creating a picture.</p>

9. Learning objectives/competencies

Aim: to discover 3 or more different shades using plants from nature.

Objectives:

- To look for and find colorful plants in the kindergarten field.
- To name plants, their color and their parts.
- To make paints from plants in three different ways.
- Use the paint on the selected fabric.

10. Evaluation

Educational activities were assessed using formative assessment

11. Lessons learned:

Pupils expanded their social, health, cognitive, communicational and artistic competencies. Pupils improved their knowledge about plants and flowers, their organs, ecological factors and ecology. Got acquainted with the basics of physics (color spectrum) and deepened the knowledge about the time of the year - spring.

12. Additional information/Links:





13. Contact person:

Jolita Junelienė, Andželika Kozlovaitė - teachers, Jūratė Filmanavičienė – coordinator (j.filmanaviciene11@gmail.com); Kaišiadorių raj. Žiežmarių mokykla – darželis „Vaikystės dvaras“