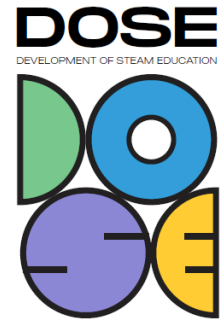




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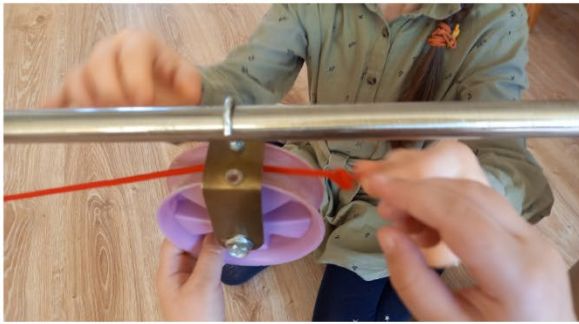
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Lesson / project description

The title	"How to feed a cat trapped in a tree?"
Subjects covered from STEAM areas	Natural sciences, arts, engineering, mathematics
The target group	children 5 years of pre-school education
Learning objectives / competences to be developed	<p>The purpose of the activity (lesson) is to design a device to pass food to a cat trapped in a tree.</p> <p>Tasks:</p> <ol style="list-style-type: none"> 1. Use ropes to create a rope path using selected tools. 2. Measure the distance in several conditional measures. 3. To research and test the ways of operation of devices. <p>Creativity - inventively, unusually uses various materials and tools. Calculation and measurement - when measuring distance and length, use several conditional measurements: your foot, ropes of different lengths. Knowledge of the environment - discovers the possibilities of using household appliances and digital technologies, willingly learns to use them. Research - is interested in the materials from which objects are made and their properties. Learning to learn - boldly guesses, tries, makes mistakes and corrects mistakes, listens to what others are saying. Guess, what will happen if...</p> <p>Competences developed: social, cognitive, communication, learning to learn.</p>
Description of activities	<ol style="list-style-type: none"> 1. Discussion "What to do if a cat is stuck in a tree?" "Is he hungry?" "What food do cats eat?" https://www.youtube.com/watch?v=hKHO7S-MQsE https://www.delfi.lt/letena/patarimai/kaip-elgtis-jei-kate-negali-islipti-is-medzio.d?id=70656688 2. Review. What is the "Cableway?" https://www.youtube.com/watch?v=tliMsK_SH58 3. Watch the video "How did you build it?" https://www.youtube.com/watch?v=iTf1bkjX7Ng https://www.youtube.com/watch?v=NmIxIppHznk https://www.youtube.com/watch?v=Xb2p84ho59U 4. The children gather and inspect the tools in the group.

<p>Evaluation (types and methods)</p>	<p>5. Creating a "rope path" by consulting, experimenting and measuring. 6. Acting in a team, pulling the tied ropes, passes the empty basket to each other. Others add food and pass it on to friends at the cat, who feed the cat.</p> <p>Reflection, self-evaluation. The children talked and discussed how they managed to pass the food basket to friends who were feeding a cat squatting in a "tree" by pulling the ropes. Children boldly trust in their own strength, try the advice offered to each other. They applied the gained experience while playing: after constructing the "rope path", they fed animals and fish.</p> <p>The teacher applies the observation method and records the achievements in a descriptive way.</p>
<p>The result (present / deliver result)</p>	<p>The children present the result and explain how it works. Photos and videos of the activities. https://youtu.be/wmWa5Oizun4</p>
<p>Time (duration) and learning environment Conclusions / reflection as far as the teaching / learning activity is innovative, accessories</p>	<p>The activity took place 3 times (days) for 30-40 minutes. children worked freely in a group environment.</p> <p>The students themselves asked questions, discussing solutions to solve the problem. They had the opportunity to test their creativity: using constructors, non-traditional construction tools to create tracks, bridges, cranes, trying to find the right solution. After the tests, the set goal was achieved.</p>
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 STEAM iššūkis „Pamaitink katinėlį medyje“

