

SCIENCE FOR THE YOUNGEST

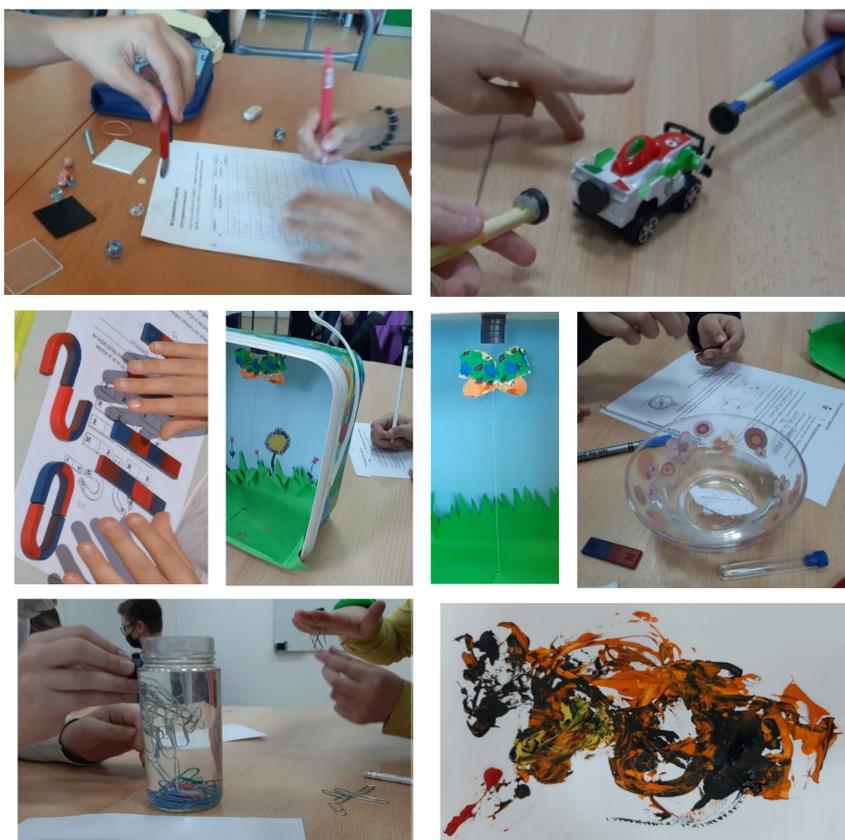
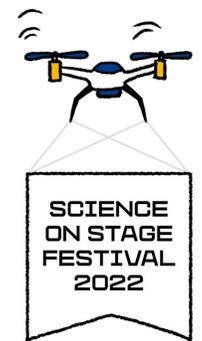


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The Magical World of Magnets

The Magic World of Magnets project introduces students to magnets and magnetism, and develops the ability of logical, abstract and divergent thinking through the role of small researchers and creators.

Using the work station method, students go through different tasks and experiments, which lead them to conclusions about the characteristic of magnets. Students write down their observations, discuss and coming to conclusion, which they present. At the end of each experiment, they consider where this characteristic could be applied in everyday life. Using of functional knowledge from physics and mathematics, they construct their architectural works of art with Geomag magnets. In the end, they have to solve the Escape room and if they are interested, they make their own toy at home using the magic of magnets.



Workstation 1: What does the magnet react to?
Workstation 2: Meet the magnetic force!
Workstation 3: Explore the magnetic field! Make your compass.
Workstation 4 is: The action of magnetic force through water and the body.
Workstation 5 is: Painting with magnets.
Activity for all: Magnetic constructions
Goal was to introduce students with magnets and magnetism, to interest children in the research of natural phenomena and to encourage them to use modern technologies in their research; developing team spirit, mutual communication and cooperation in conducting research work; emphasize the importance of science and scientific achievements for everyday life; encourage scientific literacy of the general population and thus destroy unfounded fears of students or prejudices.

Get involved! Be active! Explore!
Collaborate! Create!
STEM is for everyone!