

# SCIENCE FOR THE YOUNGEST

Aneta Čermáková | ZŠ Červený Vrch | Prague | Czech Republic  
Jitka Houfková | Faculty of Mathematics and Physics, Charles University | Prague | Czech Republic

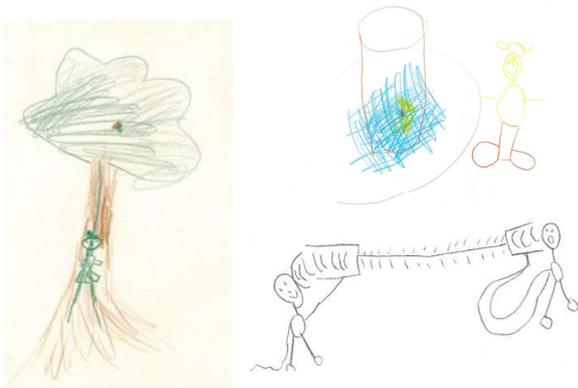
## Fairytales where problems are solved by physics experiments

Two well-known fairy tale stories, where the heroes do not use magical abilities, but help each other with physics experiments.

The project motivates children of preschool or primary school age to physics and science. In an engaging way, through the inclusion of familiar fairy tales, it introduces or explains some of the physics phenomena around us and sparks further interest in exploration.



Interesting psychological effect on preschool teachers: they fear performing experiments included in the fairytales less than performing experiments on its own.

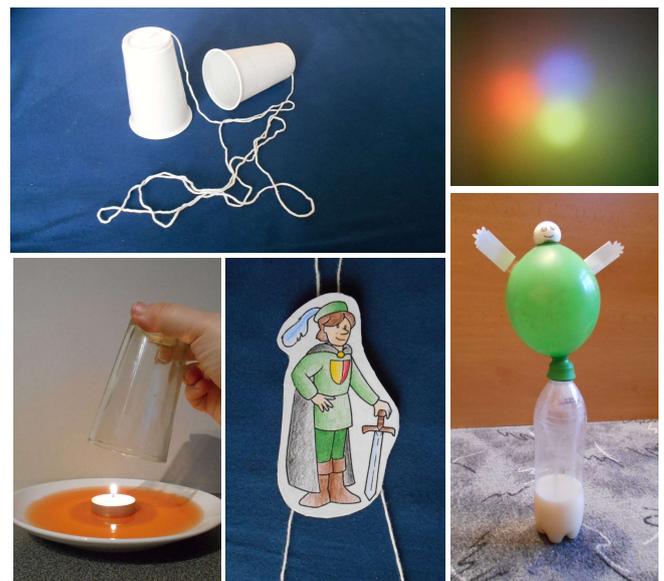


Childrens' graphical feedback to the fairytales enriched by physics experiments.

**2** well known fairytales: The Tall, the Fat and the Sharp-eyed and About the Rooster and the Hen.

**11** experiments, always used to solve some difficult situations instead of magic.

Tested by more than **10** teachers with over **500** children from preschools and primary schools.



Examples of experiments used in the fairytales enriched by physics experiments.