






Tetiana Husieva, Inna Nahorniuk | Lyceum 21 | Zhytomyr | Ukraine

The Magic of Winter STEM

Would you like to involve your kids in the magic world of science by creating Christmas decorations? Would you like to change your way of teaching young learners to make it more exciting and resultative? We believe this project will help you to cope with it.

It consists of five parts each of which is devoted to a certain decoration and emphasizes the application of knowledge to real-world problems, making learning more meaningful and engaging for students. If your students like hands-on activities, observing nature, doing experiments, and working in groups, this project is just for you.

Our eco-friendly project also promotes sustainability, which is crucial in today's world.

The Theme of the Day	Materials	Time	The Result of the Day
 Salt Dough Christmas Toys	Flour, water, salt, cookie cutters, glitter, food colourings, flexible wire (threads)	60 minutes	Salt dough toys
 Icicles- the Magic of Winter!	Paper of white and blue colours, scissors, glue sticks, glitter, flexible wire (threads)	40 minutes	3D paper icicles
 Snowflakes! Let's create!	Paper of white colour, a set of shapes for each pupil (triangles, circles, rectangles, and hexagons), glitter, scissors	40 minutes	2D paper snowflakes
 Fake Snow at Home	Baking soda, shaving foam, a bowl	30 minutes	Artificial snow
 Funny Snowmen	Baking soda, liquid soap, natural (man-made) materials for decoration	60 minutes	Artificial snowmen



Implementing STEM-education we help kids to learn in a new way, filled with fun, learning, and the joy of making their own decorations. Together, we can inspire the next generation of scientists and innovators while celebrating the holiday season.

Conclusion: join us in this unforgettable journey of discovery and creativity! Embrace this opportunity to bond with your kids and watch them grow with the power of STEM education!

