

48° C.D. "MADRE CLAUDIA RUSSO"

Naples - Italy

Project

Let's be artists in mathematics

"The house of Maths"

Recipients: pupils first classes

Teachers tutor: Venuso Maria - Luiso Annunziata

Objectives

The project aimed at children in kindergarten and the first and second classes of the primary school , is in partnership with other Italian and foreign schools: Faenza and Trapani, Austria, Bulgaria, Scotland.

The project's objectives and strategies are listed below:

- To provide various mathematical experiences.
- Contribute to the increase in children from an early age a taste for mathematics, proposing activities that involve them thanks to their extraordinary creativity.
- To provide experiences that encourage the development of sensory, manual dexterity and psychomotor control.
- Building environments rich in mathematics and create the conditions for free expression.
- To sensitize children to work and make them understand how mathematics is always present in everyday life.
 - Identify different three-dimensional shapes in their lives and build geometric shapes.
- To introduce the concept of number.
- To sensitize children to the arts.

Connecting to the Curriculum: development of creative and expressive potential.

Specific Objectives

- Doing mathematics in a cognitive environment that gives ample space to the action of the child and the deep understanding, learning fun.
 - Know the fundamental nucleus of the following paths:
 - ☺ **The exploration of the numbers in the everyday world** (concept of number)
 - ☺ **Play surveyors** (Recognition of plane and solid geometric shapes, description and classification)
 - ☺ **Spaces and paths** (Please, record and represent paths both in real space and on that chart)
- Develop insight, discovery, creativity
- Facilitate interaction between peers even different countries, collaboration with peers, respect for the rules

Contents of the project

Creation of an advent calendar with 24 pockets/windows on structured activities in order to encourage experimentation, creativity and enjoyment, which is the basis for future learning.

Activity	Times
Games with numbers, strategy, logic, spatial organization of topology.	Month of December
Games with shapes	
Christmas Puzzle	
Numbers Domino	
Games with paths in the gym	
Math Worksheets: Match numbers to shapes; Match numbers to colors; Match shapes to colors. Ordering Numbers	

Methodology

Integration between theory and practice. Will therefore be preferred forms of the practice: drawings, games in the gym, use of structured materials, cards, puzzles.

The games and activities are almost all related to the sphere of concrete, but as a support for you to be formed in the minds of children the abstract idea of the number and shapes of geometry.