

48° C.D. "MADRE CLAUDIA RUSSO"

Naples - Italy

Project

Comenius 2012-14 - Let's be artists in mathematics

"MateMATTIci" in azione!

Recipients: students in the 2nd grade of primary school

Teachers tutor: Maria Assunta Calvanese – Tiziana Riccio

Objectives

Thinking of an advent calendar, that can talk about our city, was not easy!

Our desire is that each class (from kindergarten to primary school), which will get our calendar, will not only make math in a funny way, but will have in the classroom a nice "souvenir" of Naples!

The project's objectives and strategies are listed below:

Project objectives

- To sensitize children for the arts.
- To associate numbers to the amount
- To count in the sense progressive and regressive
- To locate the even numbers and odd numbers
- To addition and subtraction using a number line
- To know that the multiplication as repeated quantity; hops to 2, 3, 4 (multiples chart)
- To recognize a world of geometric shapes
- To describe, identify, create in artistic way various shapes.
- To determine the axis of symmetry: the axial symmetry: deploy decorative elements for symmetry bilateral.

Integration in the curriculum/learning activities

This project must cross all the curriculum areas in primary schools and we intend to work in funny way with all the math, as Symmetry, Geometry, Number, Operations.

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

Children are eager learners from the beginning. It's up to us to facilitate that hunger for knowledge, something that really isn't as difficult of a task as it may appear to be.

In order to teach math to our students, all we really need to do is spend time with them and involve them in your everyday activities and be involved in theirs and find pay attention to opportunities that arise to teach math skills. It really is as simple as that. *Here are some examples:*

game-handling, processing, distribution of elements, comparisons of quantity; create groups, symmetries.

Contents of the project

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

Activities	Times
Pupils will open each "gift calendar" after doing activities.	Month of December and over...
<ul style="list-style-type: none">• Games with numbers, strategy, logic	
<ul style="list-style-type: none">• Crossword puzzle	
<ul style="list-style-type: none">• Games with shapes	
<ul style="list-style-type: none">• Creating symmetry	
<ul style="list-style-type: none">• Multiples chart	

Methodology

Combination between theory and practice. We prefer working with practical activities: drawings, games, use of structured materials.

The games and activities are almost all related to the sphere of concrete, helping the minds of children to the abstract idea of the number and shapes of geometry.

Use of educational materials and technological resources

Stationery materials, recyclable materials, room, clay, ribbons of cloth.