

Activities on measurement with Lego Braille Bricks

Name of activity

Class "BUILDING GEOMETRICS SHAPES"

Date and place:

October 3, Group 3A

Responsible parties: Ms. Lupita and Ms. Andrea

Objective(s):

Reinforce the concept of measuring by counting how many units of measurement fit into an object.

Goals:

- Students identify Legos as units of measurement.
- Students create geometric shapes with Legos and measure the perimeter.
- Students identify the numbers on the cards and arrange them in order to count the cards as units of measurement.

Curriculum:

- Learning Area: Scientific Knowledge and Thinking
- Content: Properties of materials: mass and length; relationship between physical states and temperature.
- **PDA:** Describes mass and length as measurable properties of materials, based on experimenting with different objects and materials and using instruments such as scales and rulers, and establishes relationships between material, size, and shape.
- **Project phase 4: "The Forms of Nature" pp. 132-143pp 132-143**

Description of the activity::

1. A little doll called "Building shapes" is introduced to the children.
2. Using Building shapes, a very brief story is told about how he loves shapes, creating them, looking for them, identifying them, getting to know them, and wherever he goes he looks for geometric shapes, which is why today he wants to play with them.
3. Using Building shapes as the guide for the activity, they review previous information about measurement, length, and tools for measuring length.
4. Based on what they have reviewed, an explanation is given about what measurement is, that there are different types of units of measurement such as length, and that on this occasion Lego bricks will be used as a unit of measurement.
5. The Lego bricks, which are numbers as well as number symbols, are provided in a small bag or box. Each child is also given a base.

