

Trinomial Cube — Introduction

Base Sheet

Activity Sheet

Introduction to the Montessori trinomial cube. The child assembles the 27 blocks following the painted pattern on the box, developing spatial reasoning and preparing for algebraic concepts.

What You Need:

- Montessori trinomial cube
- Work mat

Steps:

1. Present the trinomial cube box. 'This is a special puzzle with 27 blocks inside!'
2. Open the box and show the painted pattern on the lid and sides.
3. 'The pattern on the box tells us where each block goes. Let us start with the bottom layer.'
4. Remove all blocks. Sort by color groups.
5. Build the bottom layer using the painted pattern on the bottom of the box as a guide.
6. Build the middle layer on top.
7. Build the top layer. Close the lid. 'It fits perfectly!'
8. Child rebuilds independently.

Work Space:



