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Product ID:

SE134

Recommended Age:

[18-30 Months](#) [4]

Catalog:

[Sensorial](#) [5]

\$89.99

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Tabs

Product Description

Trinomial cube contains twenty seven wooden blocks that when organized, the prisms form a cube that is contained in a box with two sides opened to expose the color pattern of the sides of the cube.

- 1 red cube and 6 black and red prisms that vary in size
- 1 blue cube and 6 black and blue prisms that vary in size.
- 1 yellow cube and 6 black and yellow prisms that vary in size.
- 6 black prisms of same size

Purpose

- To develop the child's visual sense of shape, concentration, order, coordination, and independence.
- To develop appreciation for beauty of form in three dimensions (3D)
- To preparation the child for the algebraic concepts involved in the trinomial theorem in later and higher level of elementary school education.

Exercise

- In the beginning, remove the lid and place it on the diagonal of the box so there is the visibility of the painting facing upwards and pull down one side at a time.
- Using your thumb, index and middle fingers, gently take out all of the prisms, one by one and keep each level together.
- Place each cube in a row but make sure there is space between each cube

- Encourage and let the child to find a prism with the same exact height as the red cube, even if it is of different color.
- Similarly, finish the demonstration of all three levels.
- Invite the child to work with the trinomial cube, and allow him/ her to set up the box as done during the demonstration
- Remove all of the prisms and place them all together to the right of the box randomly.
- Encourage the child to build and start placing the cubes and prisms accordingly.
- Monitor and assist the child when needed.

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Sustainable Wood

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Product Demonstration Video

Source URL:<https://www.montessorimaterials.net/sensorial/trinomial-cubes>

Links

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