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Product ID:

SE101

Recommended Age:

[18-30 Months](#) [2]

Catalog:

[Sensorial](#) [3]

\$219.99

Quantity *

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Tabs

Product Description

The knobbed cylinder blocks are made of wood that are lightweight and that are designed to hold cylinders of various diameters and depth. They are used to help a child to discriminate between size and depth of objects he/ she touches and sees. Apart from helping a child to visually discriminate different sizes, the wooden knobs help a child in writing as well, as they learn to find the effect of gripping or pinching the cylinders to be similar to holding a pencil.

The knobbed cylinder blocks are designed in four sets. Each set consisting of different dimensions, sizes and depths. Different varieties are meant to help children differentiate better as they progress. The four variations are mentioned in the following order:

- The cylinders decrease in width, maintaining the same height.
- The cylinders decrease in height and width.
- The cylinders decrease in width and increase in height .
- The cylinders decrease in height, maintaining the same width.

Purpose

- The main purpose of knobbed cylinder exercises is the purposeful and meaningful activities in helping them distinguish between large, small, depth, width, breadth and height of the cylinders and the blocks that hold them.
- To observe and compare the different series and sizes of each set and each block with each other.
- To get a clearer understanding of different dimensions and the fun involvement of doing such activities.

Exercise

Four boxes each with a set of 10 cylinders of the differentiate sizes, dimensions are placed in front of a child

- Demonstrate by removing all the cylinders and placing them on the working mat or table in front of the child
- Start by asking a child in replacing randomly each cylinder one at a time.
- Encourage the child by developing curiosity in them by showing how to grip each cylinder and placing them in the blocks
- Encourage the child to carry the blocks to their individual seating table and have him/ her practice it once in front of you

Related Exercises

This is an activity which is given as settling down activity for freshers to keep their interest and involvement in the environment. The related activities are Practical life exercises - opening and closing of bottles, boxes, nuts and bolts and locks and keys.

- Sensorial- Geometric presentation tray, geometric cabinet, geometric solids, geometric solids with bases.
- Language - Metal insets for design.
- Mathematics - Spindle box and cards and counters.
- Culture - Leaf cabinet and jigsaw puzzle.

Product Maintenance

- Store in dry and room temperature.
- Do not expose to direct sunlight.
- Use with care, so that the polish does not fade off.
- Keep all the 4 blocks together according to the hierarchy of difficulty.

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Sustainable Wood

All our products are made from sustainable wood.



Handcrafted

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Non-Toxic Paint

Safety of kids using our products is our top priority thus we only use non-toxic paint.



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All our products are made in India by talented Indian craftsman.



EN71 and ASTM F963 Certified

All our products comply EN71 and ASTM F963 standards.



Turn Key Solutions

We offer turn key solutions to meet various needs of schools.

Product Demonstration Video

Montessori Training Video

Source URL: <https://www.montessorimaterials.net/sensorial/knobbed-cylinders>

Links

[1] <https://www.montessorimaterials.net/sites/default/files/knobbed-cylinders.jpg> [2]

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