



[1]



[1]

Product ID:

SE131

Recommended Age:

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

Catalog:

[Sensorial](#) [3]

\$199.99

Quantity *

Add to cart

Add to wish list



Buying in Bulk / for your School?

Click here to know more about our bulk shipping rates.



Buying from SAARC nations?

Click here to know more about our special offers for SAARC nations.



Need something Custom built?

Want something custom built for your kids or school? We are here to help. Let us know.



Tabs

Product Description

Tessellation boxes in a Montessori sensorial exercises contain 22 boxes that contain 19 shapes. The tessellation exercise is the exercise in which a child is taught to cover an area without leaving gaps and without overlapping. The exercises allow the child to understand art, geometrical design and symmetry. The exercise also helps the child to build tessellations with geometric shapes. The tessellation boxes contain ten plastic boxes containing 20 pairs of geometric shapes that are made of plastic board to enhance durability.

Purpose

- To enhance the child's creative ability and also to develop his/ her skills of designing, be it interior or exterior.
- For the child's better mathematical understanding of symmetry.
- To help the child to understand geometry.
- To help the child to understand art.
- To help the child to develop the appreciation of the beauty of geometrical design.
- To help the child to develop an ability to create designs.
- To help the child to develop and improve the intelligent observation of the environment.

Exercise

- Begin the exercise by first taking the squares to the child's table or mat.
- Show the child how to make a symmetrical pattern using some squares.
- Allow the child to take any box of shapes, and try to tessellate and make patterns using them.

Assist only when the child is making an error.

- Encourage the child to transfer the pattern on to the paper.
- Let the child draw around the shapes and color after taking any shape and the child will try to find if it will tessellate.
- Now, the child can find the he/ she can tessellate with triangles, squares and hexagons but the child will also learn that the pentagons, octagons have gaps.
- Similarly, encourage the child to tessellate more shapes, and more patterns.
- Allow the child to do the activity individually and if necessary, assist the child.

Related Exercises

The child to work with this material, should have worked with constructive triangles which stimulates the child's understanding of making varied patterns using number of shapes.

The child's exposure to this material gives him an eye to watch for varied patterns in nature. Eg. The arrangement of petals in a flower, arrangement of seeds in a fruit, the compartments in the honey comb, the pattern on the shell of a turtle or different patterns over different snakes etc., which in turn develops the creative skills in him.

Product Maintenance

- Store in dry and room temperature.
- Do not expose to direct sunlight.
- Care should be taken upon the number of pieces in the box **Note: Start with the bigger pieces first and avoid giving small shapes or pieces to junior children**

Why to buy from us?



Sustainable Wood

All our products are made from sustainable wood.



Handcrafted

All our products are handcrafted by our talented artisans.



Non-Toxic Paint

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



Made In India

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



ASTM F963

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.

Source URL: <https://www.montessorimaterials.net/sensorial/tessellation-boxes>

Links

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

<https://www.montessorimaterials.net/age/18-30-months> [3] <https://www.montessorimaterials.net/catalog/sensorial>