

Module 1 Lesson 4: Appendix

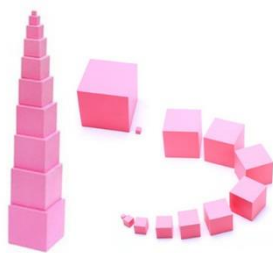
The Pre Mathematics Materials

In this lesson you we mentioned that there are several Montessori Materials that the child is exposed to in the Montessori setting that starts the journey of understanding Mathematical concepts in a sensorial way.

These materials are found in the sensorial area of the Montessori classroom.

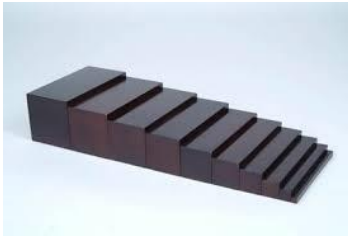
I will provide you with pictures of these materials and give you the basic concepts the child learns working with these materials.

1. The Pink Tower



The Pink Tower is the most popularly known Montessori material, it helps the child learn differences in sizes, big, small, large, bigger, biggest, smaller, smallest, larger, largest. There are also 10 cubes, children can count and lay them out in order. All these are important number skills a child needs to acquire over time.

2. The Broad Brown Stairs



This is another Montessori Material that is used to help the child learn the difference in dimensions of a prism; the height and width are different. This helps the child learn thick and thin, thicker, thickest, thinner, thinnest.

They can then place them together with the pink tower and learn more about the relationships of objects, and count them.

3. The Long Red Rods



The Long Red Rods are used to help the child to learn about differences in lengths, long and short, longer, longest, shorter shortest. These are important skills which will translate in the child being able to understand that numbers get bigger when you add 1. Remember that our counting system is based on adding one all the time. The number counting system used in the world is based on counting in tens so the Montessori materials give the child a sensorial experience of our counting system right from the start.

There are obviously other materials in the sensorial area that also prepare a child for Mathematical concepts, but these are the three main materials that help a child with pre number work at the very beginning of their journey. If you are a school and therefore wondering what materials do I need to get first in the sensorial area of the Montessori curriculum for children aged between 3 and 6 years, then these three materials would be a great place to start.