

## Montessori Materials

Montessori materials are ingenious hands-on learning tools designed to stimulate children's minds, encourage exploration, and inspire independent learning and problem solving. They are enticing and simple to use.

Montessori materials teach only one skill at a time to provide children with the opportunity to master key learning outcomes through repetition and practice. Doctor Montessori stated: "Nothing goes into the mind that does not first go through the hands."

Children are first introduced to the Montessori materials by a trained educator who presents a Key Lesson and then invites the child to work with the material independently. When they have finished working with the activity, the children return each material to its allocated place in the prepared environment.

The Montessori materials are presented to the child in sequence, from easiest to hardest, and in accordance with their developmental needs and interests. This clear structure provides a logical and ordered progression for learning, which in turn promotes the gradual layering of knowledge.

### Sandpaper Letters

The Sandpaper Letters are used to teach children the sound for each letter through muscular and visual memory. Children trace the symbol until the shape of the letter becomes part of their muscle memory.

### Numbers and Counters

Numbers and Counters reinforce children's understanding of numbers, sequencing, and quantities. This material teaches children that each number is made up of separate quantities.

### Puzzle Map: Parts of the World

The Parts of the World Puzzle visually introduces children to the forms and names of the continents, oceans, and hemispheres and their relationship to each other.

### Mirror Polishing

Mirror polishing teaches children how to clean items in their environment. The process of polishing develops hand-eye coordination, fine motor skills, concentration, and independence.

### Moveable Alphabet

The Moveable Alphabet teaches children to recognize letters and construct words. This material is used in conjunction with language cards. It prepares children for writing and reading.

### Constructive Triangles

The Constructive Triangles are used to show that all plane geometric figures can be constructed from triangles. There are five boxes. Each box contains triangles of different sizes, shapes, and colours.