

MATHEMATICS

“The formation of the human mind is mathematical. This part of the mind that is constructed toward exactness is called the mathematical mind.”

Maria Montessori

In the classroom the children use hands on Montessori mathematics materials that make abstract concepts clear and concrete. They proceed through several levels of abstraction, beginning with concepts and skills that are the most basic foundations of mathematics. These are presented in the most concrete representation, from beginning concepts through to advanced concepts as their skills and knowledge builds.

Pre-math activities are present in all the areas of a Montessori classroom.

A child is most “sensitive” from 3 to 5½ years of age for order and logic. At this time it is easier for him/her to be introduced to concepts of numeration, the decimal place value system and linear counting.

Children are typically introduced to numbers at age 3: learning the quantity and number symbols one to ten: the red and blue rods, sand-paper numerals, association of number rods and numerals, spindle boxes, cards and counters, counting, sight recognition, concept of odd and even.

