

“Let us give the child a vision of the whole universe...for all things are part of the universe and are connected with each other to form one whole unity”

~Maria Montessori

Science

Science is an integral element of the Montessori curriculum. Among other things, it represents a way of life: a clear thinking approach to gathering information and problem solving. The scope of the Montessori Science curriculum includes a sound introduction to botany, zoology, chemistry, physics, geology and astronomy.

Montessori does not separate science from the big picture formation of our world. Students consider the formation of the universe, development of the planet Earth, the delicate relations between living things and their physical environment and the balance within the web of life. These great lessons integrate astronomy, the earth sciences, and biology with history and geography.

The Montessori approach to Science cultivates children’s fascination with the universe and helps them develop a life-long interest in observing nature and discovering more about the world in which they live. Children are encouraged to observe, analyze, measure, classify, experiment and predict and to do so with a sense of eager curiosity and wonder.

In Montessori, Science lessons incorporate a balanced, hands-on approach. With encouragement and a solid foundation, even very young children are ready and anxious to investigate their world, to wonder at the interdependence of living things, and explore the ways the physical universe works, and project how it all may have come to be.