

“Concepts are simply empty when they stop being firmly linked to experiences. They resemble social climbers who are ashamed of their origins and want to deny them.”
~ Albert Einstein

It's Scientific!

How many times have you heard that American's science education is inadequate? Concerns started in the Sputnik era. A major cause of the problem is the hit and miss, disorganized method of teaching science.

Even worse, science is often presented in such an unimaginative and boring fashion that few choose to go on in this area. Rote memorization and dull facts are emphasized over actual

observations and experimentation. Only a hands-on approach can lead to a well-developed scientific curiosity and a lasting interest in science. In our technologically advanced world, even those who don't become scientists need to be “scientifically literate”.

How do we give your children a better start in science? First we recognize the importance of math. In our Montessori classrooms, math is major part of the daily activities. Then activities in the sensorial and practical life areas foster the scientific method. The primary classroom is filled with opportunities to become a budding scientist. In the elementary classroom, the goal is to give a framework for future learning not discrete facts. From the beginning, students are given the most up to date scientific classifications and theories in botany, zoology, ecology, etc. They are also given correct terminology, e.g. photosynthesis, phylum, monera, fungi, cells, heredity, etc. Math curriculum is built upon the decimal nature of our number system with geometry, algebra, and measurement included from the start. Different subjects are continually interrelated in Montessori classrooms. And as discussed last month **hands-on** is a basic tenet of a Montessori education. We do experiments! We don't supply answers or state scientific laws or rules, but “learn” with our students - helping them develop their own concepts leading to the “laws”.



MONTESSORI
CHILDREN'S HOUSE



Reminder of the month:

Please bring back to school those tiny "things" that you may find in your child's pocket. They are important to the materials we use in the classroom.

March '10



Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
	1	2	3	4	5 Happy B-Day Matt, Joe & Ty Elementary Library Trip	6
7	8 Happy B-Day Sebastian	9	10	11	12	13
14	15	16	17	18	19 Happy B-Day Emersen Staff Work Day No School	20
21	22	23	24 Elementary Field Trip World Wildlife Zoo All Day	25	26 Happy B-Day Nataly Elementary Library Trip	27
28	29	30	31			