



connections

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What's New

Dear Mastro Parents,

We are off to a wonderful school year and I wanted to take this opportunity to thank you for your continued participation and support. We have a full calendar of educational as well as social events this year and we hope you take advantage of them.

I want to personally thank each of you for attending our October 15th groundbreaking event. As many of you know, our building will feature four Montessori classrooms, a dedicated music room, and areas for staff and administration. Utilizing green building practices, our school will also feature state of the art environmental technologies, such as permeable paving, a rain garden, and a radiant snow-melt system.

Mastro Montessori has the distinction of being the only AMI-certified Montessori school in Monmouth County, and soon we will have a permanent home that will reflect the extraordinary program and education that our children receive at Mastro Montessori Academy.

All my best,
Elizabeth Bradbury



WHAT IS IT?

Binomial Cube—Sensorial Activity



Cubes and rectangular prisms stack together into a larger cube representing the binomial equation $(a+b)^3$, a three dimensional puzzle. The largest piece of the puzzle is a red cube assigned the dimension " a^3 ". The smallest piece is a blue cube assigned the dimensions " b^3 ". Three pieces have the dimension a^2b , and three pieces have the dimension b^2a . The dimensional faces are built together following color-coding and size equivalence. The pieces of the cube also line up to represent $a^3 + 3a^2b + 3b^2a + b^3$. Building the cube provides a sensorial model for finding cube roots; the line of cubes and prisms illustrate the proof of the algebraic equation $(a + b)^3$.

Taken from Deede Stephenson's *The Pink What?*

Classroom Tales

Ms. Cherniavsky

For this issue Ms. Cherniavsky wanted to share an essay written for the groundbreaking ceremony.

I'm so happy that the new school is being built. **I love Montessori and want it to last forever.** My favorite work now is the grammar box because I can use the noun and articles.

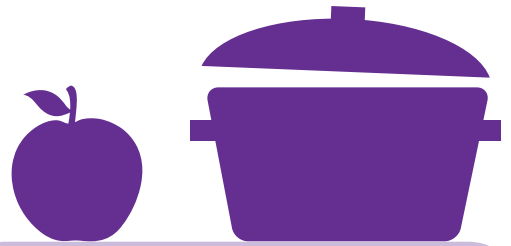
I hope the new school is bigger than this school and has more students. Montessori is the best.

Oliver Olson, age 6

I am so excited about our new school. The new school means we will have more students. I love Montessori and would like it to go to high school. I am in fourth grade and don't want to leave in two years. **Montessori gives me the freedom to choose my own work, move around, work as long as I like, with whomever I like.** My favorite work right now is the Time Zones because I learn the names of different places around the world and how the time changes according to where you live.

I can't wait until the new school is built. I love Montessori.

Ryan Flanagan, age 10



Ms. Chowanec

*To celebrate the autumnal season Ms. Chowanec's class will make her annual **Crock Pot Applesauce**. Here is the recipe for you to enjoy at home.*

4 lbs tart apples; peeled, cored and sliced thin

1/2 cup sugar

1/2 teaspoon cinnamon

1 cup water

Mix apples with cinnamon and sugar and put into crock pot. Pour water over apples. Cook on low for 6 hours or high for 3 hours.

“I am going to be a Montessori teacher when I grow up.”

Alexander, age 4

To his teacher after he received a lesson. (It made Ms. Chowanec's day...no, her month!)



Mrs. Tu, Miss Rivas & Mrs. Kehoe

We have been having a wonderful time getting to know each other. The children have been learning how to manage their own jackets and shoes. Also, they have been practicing their self control and Grace and Courtesy. (See photo. All children are waiting patiently with their hands in their laps for everyone to be served snack.)

They are enjoying learning many new songs too. Ask your child to sing the “Ram Sam Sam” song for you.

We are delighted to welcome Mrs. Joanna Kehoe to our classroom. Mrs. Kehoe will be assisting in our classroom on Tuesdays, Wednesdays & Thursdays.