



# CMSA TRIBUNE

MONTHLY NEWSLETTER



February 2016

## Teacher Spotlight : Emily Roberts



Emily Roberts has been teaching for four years and this is her first year teaching at Chicago Math and Science Academy. She graduated from Illinois State University, where she majored in History/Social Sciences Education and minored in English. Since then, Emily has taught both freshmen and 8th grade. She really enjoys working at the middle school level. Her hobbies include reading, running, and any type of high-intensity exercise such as kickboxing. "I am enjoying my first year at CMSA and really love both the staff's, administrators', and students' enthusiasm and passion for learning and growing as a school and individuals. There is a great support system here."

## Student Spotlight: Girls' Varsity Basketball Team



## Students Launch Rogers Park Web Creators Service



The Rogers Park Web Creators, <http://rpwebcreators.com/>, kicked off their web services at a community breakfast on 2/22/16. Students from Lakeview High School and CMSA have been learning Word Press through our partnership with Lumity. Their mission: to create websites for small business owners and nonprofits in our Rogers Park community through in partnership with the Rogers Park Business Alliance. Students pitched their services to local business interested in increasing their revenues with a strong on-line presence. We are very proud of each of this team who is making a difference in our community: **Uthman Adebayo, Olalaken Akinola, Abeer Afridi, Bethlehem Chekole, Ramsha Essa, Jonathan Gonzalez, Tooba Hanif, Oumar Keita, Danielle Keuni, Zainabu Lawal, Christine Milly, Kushal Rizal, Alexis Sanchez, Daood Shah, Magally Sollis, Patrice Torres and Robel Woldegerima.** [WBEZ interview https://soundcloud.com/user-364373843-138384494/wbez-clip](https://soundcloud.com/user-364373843-138384494/wbez-clip)

## RoboTitans Win Best Design Award & Head to State Championship!



The girls basketball team went 8-12 this season. The girls greatly improved their skills and dedication to the sport. We won our first regional game against Cristo Rey St. Martin, 46-30, which was our highest scoring game as a team this year! We want to congratulate our seniors Elijah Hubbard, Berea Hayes, and Helen Chukwudi and wish them luck as they move forward into the next stage of their lives. Top row (L to R) : **Demaya Cattouse, Imani Williams, Amaka Nwaezeigwe, Trinity Floyd, Coach Tamburrino; Middle Row (L to R): Seleni Villegas, Helen Chukwudi, Mariana Perez, Stormy Walson. Front Row (L to R): Alondra Henriquez, Brianna Green, Elijah Hubbard, Radharani Das. Missing: Berea Hayes and Coach Johann.**



**The competition in Batavia generated our first Best Robot Design Award!** The team also placed 4th out of 36 teams. In addition, our RoboTitans earned 2 more awards (Inspire Award & Think Award) at the Chicago League Championship and are advancing to the Illinois State Championship. They are one of only 4 teams who advanced to State Championship in Elgin on February 26-27. Congratulations, RoboTitans! Carry on!

### Concept School's Parent Blog



We invite you to read the latest entry in the Concept Blog. Written by our Concept Schools Director of English Education, Andy Flaherty, it takes a look at the issue of ELL students and the impact of the home environment on their learning English. It also dispels the myth that speaking in one's native tongue at home inhibits English language. <http://www.conceptschools.org/parents-learning-happens-right-in-your-home/>

### CMSA Ranks as Level 1+

**1**  
**PASSION MISSION**

We couldn't have done it **LEVEL 1+** without **YOU!**

**CHICAGO PUBLIC SCHOOLS RATES CMSA AS LEVEL 1+ SCHOOL**  
Students made significant gains in key areas:

- Reading growth on NWEA MAP (grades 5-8) → Better than **85%** of schools nationally
- Math growth on NWEA MAP (grades 5-8) → Better than **94%** of school nationally
- Growth of EPSS assessment series (grades 11) → Better than **96%** nationally
- College Persistence rate (class of 2013) → **84.6%** of graduates persisting in college
- My School, My Voice Survey → Well-organized school
- Attendance Rate → **97.3%**

27% of District schools are Level 1+ and 17% of Charter schools are Level 1+

Chicago Math & Science Academy is ranked Level 1+ by Chicago Public Schools. According to their SQRP report, CMSA students made significant gains

### Google Visit Inspires Students



Students from CMSA and Lake View High School participating in the **Student Based Enterprise program** enjoyed quite a treat when they spent the day at Google headquarters in the West Loop.

This visit was structured to support the students in the work they are doing to improve the Web Presence for Small Businesses and Non-Profits Rogers Park. In addition to a tour and discussions with employees from Google Chicago, the students went through a presentation/project on Google Analytics, Ad Words and Google My Business to help them better serve current and future businesses they work with through the SBE program. The SBE program is in partnership with Lumity, Rogers Park Business Alliance, CompTia, Chicago Workforce Funders Alliance and Accenture.

### Honors Chemistry Students Get Creative



- in key areas:
- ☐ **Reading growth** on NWEA MAP\* (grades 6-8) = is in the **top 15% of schools nationally**
  - ☐ **Math growth** on NWEA MAP\* (grades 6-8) = is in the **top 6% of schools nationally**
  - ☐ **Growth of EPAS assessment series** (grades 11 PLAN to ACT) = is in the **top 4% nationally**
  - ☐ **College Persistence Rate** (class of 2013) = **84.6%**
  - ☐ **Attendance Rate** = **97.3%**
- \*\*NWEA = Northwest Evaluation Association & (MAP) = Measures of Academic Progress are nationally recognized norm-referenced assessments used as one metric in the school quality equation.*
- Comparison*



**Honors chemistry students** building 3D structures using Valence Shell Electron Pair Repulsion Theory and Dots candy. The idea is to pull the structures that they have been drawing on paper off the 2D page and into geometric shapes that represent how molecules are shaped due to repulsion between electrons surrounding the atoms in the molecules. STEM POWER!

### Students Shine in "MathCon" segment on Windy City Live!

### CMSA Honored as One of the "Best High Schools"



Chicago Math & Science Academy was awarded a Bronze Medal in U.S. News &

World Report's 2015 Best High Schools ranking. Only 4 charter schools in Illinois and 9 in Indiana made the list. Considering there are around 30,000 public high schools in the United States, this is truly a great honor and testament to the hard work and dedication of the CMSA students, teachers, staff, parents, and community members. We are very proud of this recognition.

### You Can Help CMSA!

Please consider making a difference in the education of Rogers Park youth with a tax-deductible donation. We will gladly accept a check, credit card or you can use PayPal through the CMSA website.

Your donation will directly help our students succeed by providing such things as STEM-related textbooks, incentives for academic achievement, equipment for science labs, robotics kits, etc.

Remember that every donation received by CMSA gives inner-city youths the



**Students from CMSA and Horizon Science Belmont took the stage to compete against the hosts of "Windy City Live" for an impromptu MathCon challenge.** The segment was introduced by Regina Armour, Director of New Schools & Community Outreach for Concept Schools. The students enjoyed testing the mathematical knowledge of the show's host, Ryan Chiaverini and guest host Michelle

opportunity to fulfill their educational dreams.

Join us as our philanthropic partner in continuing our excellence in education. You can click the Donate button below. Every dollar makes a difference! We thank you for your support and generosity.



Williams of Destiny's Child. Mr. Ayhan Caputlu, Director of Math Education, had the job of asking the questions and offering math challenges. Enjoy watching! <http://abc7chicago.com/education/mathcon-draws-nationwide-students-for-finals-in-chicago/1207464/>



***Chicago Math and Science Academy:  
changing the trajectory of our students' lives with STEM-  
focused education that successfully prepares students  
for tomorrow.***

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