PRIDE in Matawan-Aberdeen Public Schools

Volume XIV, Issue 1

MAREA Publication

2017-2018

MAREA President's Message

The Aberdeen Matawan Regional Education Association is proud to share our PRIDE newsletter. A PRIDE in Public Education grant from the NJEA has given the MAREA this opportunity to provide you with a view of some of the activities that have taken place in our schools throughout the year. The teachers and the staff of Aberdeen the Matawan Regional School District have voluntarily submitted articles that demonstrate student engagement and success when it comes to community, core academics and sports, just to name a few. Please take some time to read through the articles to see all the great learning experiences that are occurring from our preschool to our high school.

We also invite you to visit the MAREA website, www.mrtaonline.org, for information regarding the Marie Panos MAREA Scholarship. We have been able to offer over \$86,000 in scholarships to our students.

Sincerely, Casey Barilka MAREA President



Congratulations Teachers/ESPs of the Year

We want to congratulate those honored as Teacher of the Year and Educational Service Professional for each building. The recipients are:

Matawan High School

Sam Pickens Zach Gross

MAMS

Brittany Bennett Melanie Schueller

Lloyd Road

Donna Sakowski Denise O'Brien

Cliffwood

Gloria Natalie Sharon Collins

Ravine Drive

Denise Lepre Susan Silano

Strathmore

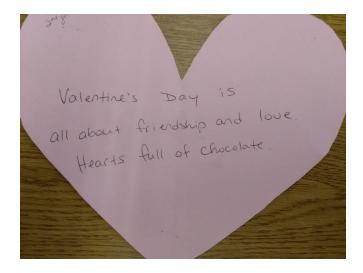
Amy Tomkins Kathryn Hausmann

Cambridge Park

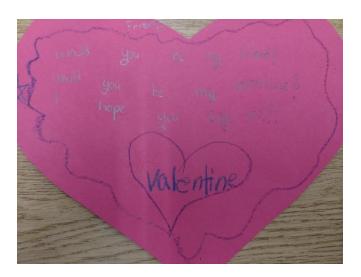
Elizabeth Carey Christine D'Angelo



Haiku Poetry



Second grade Strathmore students have been working on Haiku poetry in Library class. Their work will be submitted to the Young American Poetry Digest with the hopes of being accepted for their publication.



Dr. Seuss

Strathmore School celebrated Dr. Seuss's birthday by hosting various themed days throughout the week of February 26-March 2. Staff and students wore their hair in a crazy way, funny socks, and wacky clothes.

Many readers from the community joined us in our celebration of Read Across America week. Some of our special guest readers included: administrators, staff members, police officers, family members, and an international reader via skype. Thank you all who participated.



Helping the Community



We are so proud and happy to report that Cliffwood School collected 230 pounds of food which was brought to the Food Bank of Ocean County, now known as Fulfill of Monmouth and Ocean County. This meant that 192 meals were put together for those in need. Cliffwood parents and students were more than generous with their contributions. This was a real testament to the teachers, students and parents of Cliffwood Elementary School.

A Life in Stone



Mr. Franco Minervini, stone carver and sculptor, will be coming to MAMS!

He plans on talking about himself, how he was born among stone carvers, when he immigrated to the USA. schooling, accomplishments, etc.

In preparation for our 2018 Assembly entitled A LIFE IN STONE, Anne Marie Fricchione (Teacher of Italian, Member of the Italian-American Assoc. of Monmouth County and Member of the "ITANJ" Italian Teachers Assoc. of NJ), Rod Stevens (Teacher of Visual Arts), Kristin Junquet (Teacher of Visual Arts), Daryl McKurth (7th Grade Guidance Counselor), and Brianna D'Alessio (Guest Teacher who studied Art History in Italy) visited Franco Minervini's studio on Wednesday, Dec. 6, 2017.



Kindergarten Fun

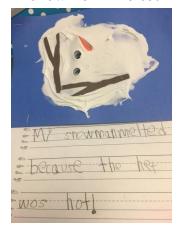


Greetings from Mrs. Sullam's and Mrs. Torres' kindergarten class at Ravine Drive School!

Everyday we are busy learning and exploring the world around us! We are practicing letters and sounds, and getting ready to be readers. In Math, we work in centers to help us understand numbers and shapes, and we play math games to practice our skills.

In Science class, we made melted snowmen! We mixed shaving cream and glue, and spread the mix on paper to look like our snowman had melted. We added eves. arms, and a nose in the blob of snow! Then, we explained how it happened and wrote it Some of our snowmen melted down.

because it got hot others outside: melted because we took him inside. Other snowmen melted because they took a hot bath or drank hot cocoa! It was fun to think of ways a snowman could melt. Exploring world our and



answering "why" is a big part of our kindergarten year! We can't wait to do more science experiments and learn "whv" things happen!



Animal Habitats



Here at Cliffwood Elementary, first grade is working on an informational writing unit. Each class is dedicating its research to a specific animal habitat. The purpose is for our students to research and educate their audience about a specific animal in the habitat assigned to their class. Students will get to present their information to their peers and community at the end of January. Parents will be welcome to explore the "Animal Habitats Around the World". Stay tuned for pictures from our upcoming event!



We Love Our Vets!!!



Cliffwood faculty have again shown their generosity and patriotism by helping our veterans. We have collected \$245.00 for the GI go Fund. God Bless America!

Mrs. Small's 3rd Grade LLD Class at Strathmore School

Each month we work very hard on our bulletin boards. For the month of February my students researched how to say I love you in over 20 different languages around the world. This month we were very excited to bring out our spring colors and to make our Pot of Gold with a 3D rainbow. My class worked very hard in groups to put together the rainbow links. They also made 3D shamrocks. On each clover they wrote a reason that they are lucky. Some of the reasons included: "I am lucky because I go to a great school." - Elizabeth "I am lucky



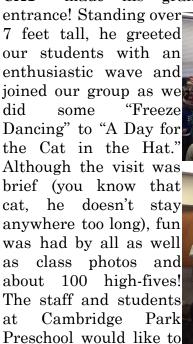
because I have a teacher who loves me"-Anna "I am lucky because I have a beautiful home"- Naya "I am lucky because I have a great family." - Michael These were just a few of the reasons. It was very nice to see all the reasons my students came up with for why they are lucky. This year I feel lucky to be their teacher. I have included two pictures of the bulletin boards we are so proud of!



The Cat in the Hat Visits Cambridge Park Preschool!

The Cambridge Park Preschool was chosen

by the NJEA to have a visit from The Cat in the Hat! "We were fortunate enough to have Dr. Majka as our guest reader," said Jacqueline Kruzik. He was all decked out in his red and white top hat and a snazzy Cat in the Hat tie. He read The Cat in the Hat....but just as he got to the end of page 28, "The CAT" made his grand





wish Dr. Seuss a very Happy Birthday!

SPECIES ON THE EDGE ART AND ESSAY **CONTEST**

Twenty three fifth grade students participated in this competition. It is sponsored by the Conserve Wildlife Foundation of New Jersey. Each student chose one of the endangered or threatened wildlife species that live in New Jersey. He or she then wrote a well-researched essay and created an original art piece based on the chosen animal.



Mathematical Olympiad

Two students are chosen from each math class in the Lloyd Road School to become a MATH OLYMPIAN. This is a national program which provides opportunities for our children to engage in creative problem solving activities. There are five contests throughout the year. Students receive certificates of achievement as well as medals at the conclusion of the competition.

Lloyd Road also participates the in CONTINENTAL MATH LEAGUE which is national competition as well.

DOODLE 4 GOOGLE



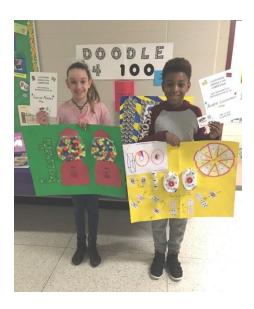
Five of our students entered the Doodle 4 Google Contest. Each student created a DOODLE that incorporated the theme, "WHAT INSPIRES ME." Students used various art mediums to bring their Doodles to life and wrote a 50 word essay on the theme. Like all Google Doodlers, each must incorporate Doodle the letters G-O-O-G-L-E. This is a national contest where one winner receives a \$30,000 College Scholarship, travels to Google headquarters, and has his or her Doodle featured on the Google.com homepage.

DOODLE 4 100

As a spinoff of Doodle 4 Google, Lloyd Road had fifty-five entries in the 100 DAY CONTEST. Students created artwork based on the number 100 to celebrate the 100th day of school. Winners were chosen based on the best artistic and mathematical representations of the number 100.

Our school winners were:

- Camryn Murray- Best Artistic Representation
- Jayden Cunningham- Best Mathematical presentation



Election 2017

Leading up to the gubernatorial election our students engaged in lessons in which they learned how the election process works as well as the qualifications of the candidates. Just prior to Election Day, each student completed a ballot with his/her choice for governor and placed it in a ballot box inside our voting booth.



Lloyd Road Pyeongchang **Olympics**



One student was chosen from each homeroom to compete in our own Pyeongchang Math Olympics. The following students received medals:

GOLD

Isabelle Angelina Sophia Gavin Zachary

SILVER

Anayla Evelyn Angelina Lily Logan

BRONZE

Isabelle Logan Danielle Samantha Sophia



Mrs. Adelson's **Enrichment Math**

STOCK Students participate in the MARKET GAME. This is an online educational program which introduces students to the financial markets. Teams of 3-5 students invest a virtual \$100,000 in real stocks. They use and understand the vocabulary of the stock market and successfully simulate trading on the world stock market.



Skype a Scientist in Mrs. Lasko's Class

The 4th and 5th Grade Gifted and Talented Science/Math students are involved in a very special program that invites scientists into the classroom to talk with students about their careers. It is called the Skype A Scientist Program. This program matches scientists with classrooms around the world. We will be video conferencing with Dr. Bruce Robertson in March 2018. He is a conservation ecologist and ornithologist (study of birds), working out of Bard College in Hudson Valley, New York. His research focuses on investigating the impacts of human activities on biodiversity and animal behavior. In our classes, we are learning about conservation science and Dr.

Robertson's study on animals. We'll be asking him questions related to his work. We are excited to visit with him and can't wait to experience his excitement and passion for his work. You can find out more him his website: about on https://brucerobertson.weebly.com



A Cuban Tree Frog tries to eat a Christmas light. Photo by James Snyder. National Geographic My Shot

Probability Snowflakes

Students in Mrs. Kish's Introduction to Algebra class at Matawan Regional High School were given the opportunity to create questions for future assessments. Students needed to color-code a geometric snowflake which included congruent figures. They colored the snowflake based on specific figures such as a square, triangle, rhombus, and parallelogram, some with different sizes of the same shape. Once the students were finished designing their snowflakes they were asked to write three probability questions related to their picture. Students were required to answer their questions on

back. Their the snowflakes have been hung up in the classroom for future discussions.



Future Teachers



Tomorrow's Teachers is a new full-year course offered at MRHS which educates junior and senior students who have an interest in becoming future teachers. Thus far, the class and instructor, Mrs. Tara Lisciandro, have explored a variety of teaching methodologies and learning modalities. Most recently, the future educators were introduced to "Random Acts of Kindness" (RAK) in schools. Collectively, the class agreed to take part in a project to spread school-wide. The students worked feverishly to write out 150 Post It Notes each. Every Post It Note contained words of kindness, famous quotes and inspiration. After 3 days of writing and researching, the students walked the building, posting notes on every locker throughout the school. Within one hour more than 1100 lockers were "decorated" with a RAK post it.

While the course teaches students about basic education and presentation concepts, it also demonstrates a necessity to understand school culture and the concept of community learning, diversity and communication.

STEM Activities



Mrs. Morrissey's kindergarten class at Ravine Drive School did a STEM activity with candy hearts on Valentine's Day. Mr. Irons, our STEM coach, showed the students pictures of heavy objects and then had them predict if they sink or float. We also discussed what we know about soda, water and vinegar. Then we experimented with each liquid. The students had to predict if the candy hearts would sink or float. They were very excited about the various liquids we used.

MAMS Girls Track

The MAMS Girls Track & Field Team is getting ready to start the 2018 season. The girls have won the Conference Championship the last five years in a row

and they are focused on defending their title against excellent competition from Bayshore. Thompson, Ocean. Long Branch, Colts

Neck. Thorne and Neptune. Every year

over 100 girls come out for the team, many of which have never before participated in any organized sport. They are able to attain

success quickly, while strengthening their self-esteem and character. The girls learn important lessons like teamwork. and sportsmanship the importance of competition. The girls can compete in an event that suits their ability, such as sprints (100 meter, 200 meter), mid distance (400 meter and 800 meter), and distance (1600 meters). We also compete in the shot put, disk, high jump, and long jump. The Middle school has been a great feeder program to the high school as the high school team has gone on to win conference and state championships. Track and field is a great sport for anyone because you can always vour personal $\operatorname{records}$ through dedication and hard work. The team consists of true student athletes, as most of the runners make Honor and Merit Roll. Two former MAMS runners are attending Princeton University and Columbia University, respectively, as a result of their academic and athletic accomplishments! Come check us out this Spring.



Global Reading Aloud

Students in Mrs. Raiola's 6th grade classes at MAMS have been very busy! In October, we participated in The Global Read Aloud, reading A Long Walk to Water by Linda Sue Park over a course of 6 weeks with students from around the world. We learned about Salva Dut, one of the Lost Boys of Sudan. who started the "Water for South Sudan" organization. We participated in Google Hangouts, wrote letters and postcards with classes from Canada, Iowa, and Ohio. We finished the unit with a virtual field trip that took students through the places Salva visited on his journey. It was truly an eye opening experience!

After that, we wrote novels during National Novel Writing Month (NaNoWriMo) in with the Young Writers' November Program. The three classes wrote a total of 169,352 words! Students set their own word count goals and worked diligently over the month to try to meet them. We definitely have some inspiring and aspiring authors!





We are getting ready to embark on our next big adventure with a Social Activism research project that will culminate with a chapter book and a multimedia activism website.

Genius Hour

The fourth grade students in Herman's and Ms. Yaccarine's classes have been working on Genius Hour projects to explore their individual passions. Genius Hour is based on Google's 20% Project, where the company allows their employees 20% of their time at work to explore their own passions and increase productivity. During Genius Hour, students of all levels are empowered to explore their own passions. It provides students a choice in what they are learning and allows them to explore and research their own passion project activities. Students create a focus. or essential question, and the final outcome is different for every student. inquiring about their Genius Hour projects, students explore the integration of STEM and the design process.

Through the Genius Hour process, students have the freedom to take their projects in the direction they want to, with teachers acting as facilitators, motivating them, and assisting them in the right direction. During the year, students keep a Genius Hour digital notebook to show how their ideas grow and develop into a project. They create pitches to motivate and engage other students to learn more about their individual projects. They also blog about the progress of their research and their plan moving forward, and they create and use QR codes to catalog and have easy access to their references or sources.

As a culminating activity, we invite parents in for "Genius Day" to see the final presentation of all the projects, and we have them participate in many of the design challenges that the students have completed over the course of the school year. We also invite in a panel of experts in different career fields to talk to students about how their passions can lead to choosing their careers later in life. Our expert panel consists of professionals that the students have an interest in or show a desire to learn more about.



Google AR & VR Visits MAMS

Diana Star - 8th ELA





In the fall of this school year Google came to MAMS and brought with them their augmented reality units for students to experience. The 8th graders got to explore the ocean floor and all of its creatures through AR devices in their classrooms. Other students had the opportunity to experience virtual reality and explore far away lands and wonders of the world from their classrooms. The future is present in the classrooms at MAMS!!

MAMS 6th-8th Science & Social Studies 3D Video Game Design

Deana Baumert



Students in 7th and 8th grade at MAMS are gamifying their educations. Students in 8th grade are designing their own ancient civilizations through 3D gaming. They are tasked with utilizing their studies of ancient cultures to create their own ancient civilizations. The project requires students to take specific elements of a civilization and build their own. They must answer these questions in their design: What are the governing philosophies?, What type of government systems will they use? Who is their leader and what powers do they have? Each project is as unique as the students and allows students to explore what the world would look like if they could design it to be what they believe it should be.

Lloyd Road School Student Council

The Lloyd Road Student Council has been very busy working together to help support the MARSD community. For our first project together we collected chickens, hams and lasagnas, while the PTO collected all the side dishes for Thanksgiving dinners for the Matawan Food Pantry. We were able to provide meals for more than 30 families in need. Since



November. thev taken pride in collaborating with PTO. The student council made posters, advertising events in $_{
m the}$ school. Representatives

volunteered to help out during Pizza Bingo Night.

The student council also participates in Relay for Life. Last year we raised close to \$3000 and we are trying to top that this year. Our fundraisers include school spirit days that ask for a dollar donation towards the American Cancer Society. So far they have raised over \$1000 from spirit days alone. In February, the student council sells Valentine Grams. This money goes into our student activity fund. Another Relay for Life fundraiser is McTeacher Night at McDonald's. LRS teachers collaborated with Cliffwood Elementary teachers.The kids helped promote the McTeacher Night by making more posters and of course showing up for some burgers and fries. The next big event will be the Teacher Volleyball Game. This is always a great success.

The Student Council advisors. Zwirko and Kristine Maniscalchi. thankful for all who participated in the

student council activities. Without the support of families, students, and staff, none of this would be possible. We are very proud of the Lloyd Road Student Council.

Beautifying Our School Together



The Cliffwood Elementary school community is working together, alongside art teacher Mrs. Jeanine Liguori, to paint an animal-themed mural in the vestibule. Students, parents and staff are all working side-by-side to develop a sense of school ownership.



Making Art During Lunches



Art club is new this year for 2nd and 3rd graders and is offered during lunch/DPA. Students have the opportunity to work on including various projects pumpkins, canvas painting, sculpting with clay and many others. Numerous sessions are being offered during the year to allow more students a chance to participate.



Theremin Theory

In an exciting cross-curricular experience, students in music classes and science classes are learning about how music and science intersect. Lindsey Lorefice and Dustin Reynolds are teaming up to showcase the science of music through the use of the theremin. Due to the support of Matawan-Aberdeen Educational Foundation, students are having the wonderful opportunity to learn about the theremin and how to play the electronic instrument. With an emphasis on sound waves, the science of how music is created through the theremin is explored. The joy of learning through combining subjects is exhibited through the theremin!



It's a Beautiful Day to Save Lives



Throughout February and March, Chloe R. and Mehr K. from MAMS were delighted to have representatives from the American Health Association come and teach students about CPR, as well as how and when to use it. Many gym classes have already taken part of the experience.

The program Creating Community Life Savers was started when a high school student went into cardiac arrest, and no students or teachers were aware of what to in such a crisis. The student unfortunately passed due to this lack of knowledge. To ensure that a tragedy like this does not happen again, the American Health Association visits select schools to inform students of basic CPR skills. Since the instillation of the program, there have been many stories of students who were able to save lives thanks to this instructive course. The three representatives that came to MAMS, Kim Crowley, Cherie Garrison,

and Ashley Davis, had students watch a video showing how to conduct the proper form of CPR. They were paired up in groups and practiced the techniques and proper hand movements on plastic dummies. Students were also taught the different scenarios of administering CPR. This includes when someone is choking, in cardiac arrest, pregnant, and overweight. There is also a specific way to give CPR to children, so students were taught this difference versus administering to an adult. Instructors also demonstrated how to use an Automated External Defibrillator, better known as an AED.

MAMS has four placed around the school, and it is highly recommended to know their location, in the event of an emergency.

If someone is in need of CPR, the person executing $_{
m the}$ process must call ambulance.



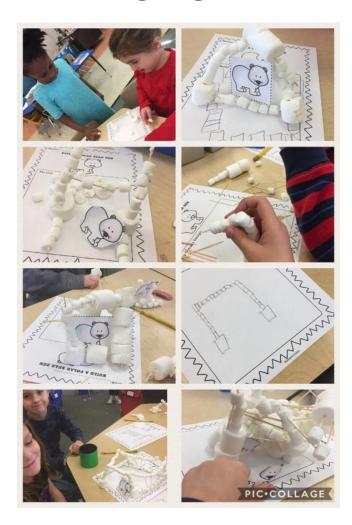
Night of the Arts



The Matawan Aberdeen Middle School Art Department and Middle School Fine Art Academy Applicants were invited to Matawan Regional High School for A Night of the Arts. It was a great opportunity for burgeoning artists to have their works shown alongside of the amazing art from our Creative High School community. Teachers from the MRHS Art Department have developed strong bonds with the art teachers from MAMS allowing for a seamless transition from middle school student to the Fine Art Academy.



Young Engineers



Ms. Walker and Mrs. Anderson's classes at Cliffwood Elementary worked hard on being engineers. They talked about their ideas, drew their plan and then followed through on their design for creating a den for the mama polar bear. Students were given the problem and materials and then they worked either individually or as a team. Great job kids! You are on your way to becoming engineers.

Designing Water Filtration Systems



Mrs. Eileen Brophy and Mrs. Nicole Gwizdz's 5th grade Science class at Lloyd Road School designed water filtration systems in an Engineering Design Challenge. The challenge was used to wrap up what the students learned about the Hydrosphere. This science unit has taught the students about all of the Earth's systems: Geosphere, Atmosphere, Hydrosphere, and Biosphere.

The students were given a list of materials they were allowed to "buy" and a price limit. They were given an opportunity to design on their own and then share their designs with their team. When the designs were finished, Mrs. Brophy poured in muddy water, collected the filtered water,

and put it into test tubes so that students could compare how well each group's filter worked. Students were then given an opportunity to discuss what they would change about their



design to make it better. Everyone had a great time working together, coming up with a solution, and testing their designs.

Jump Rope for Heart



The students at Strathmore are proud to partner with the American Association with Jump Rope For Heart. Over the next couple of weeks in their Physical Education and Health classes, our students will be having fun learning about their heart, nutrition and how being active can help us live longer, healthier lives, all while raising money to help fund lifesaving research.

We Love Science

When school started in September the students completed a survey on what was their favorite subject in school. Overwhelmingly, most students choose science. That's because it is an opportunity for them to get hands on and be creative. One example of this was a project Mrs. DuBrosky's class did in October. received a kit from the James Dyson Foundation that took us through the design process and explained what a design

engineer does. Then we looked at the Dyson Air Multiplier. This is a bladeless fan. The students compared this fan to the fan and explained what traditional innovations were used and why. We spoke about the problems with a traditional fan including dangers to fingers, collection of dust, noise and lack of airflow. Then we looked at the air multiplier and were surprised how the engineers designed it to correct the problems a traditional fan had. After this, the students looked at products in their home and school and listed the problems that they had. Next, they chose a product to redesign and make better. After drawing a design, they created a cardboard prototype and a presentation to share with their classmates and the principal. Throughout the whole project, students were engaged and excited!



MRHS Environmental Club

The MRHS Environmental Club has been involved in a number of activities this year. They have collected soda-pop tabs to contribute to the Ronald McDonald House charities, used markers of all types for the Crayola ColorCycle program, held a pet supply drive to benefit Old Bridge Kennel,

and supported Clean Ocean Action's Fall Beach Sweep. Most recently, they planted 200 tulips in flower beds in the school courtyard and are awaiting the beautiful red blooms in the spring



7th Grade Genius Hour **Projects: Freedom to Explore and Engineer**

The students in Mrs. Fiorilli and Mrs. Baumert's classes worked on genius hour projects in the first and second marking period of this year. For those who are new to the term, a Genius Hour Project guarantees students class time to work on a

project of their choosing. The teacher assists in only minimal ways for project completed. The students themselves design what they will turn in for a final project grade; the



only limit is their imagination. Projects designs ranged from a cardboard windmill gumball machine, a cardboard vending machine, slime maker, and a cardboard candy machine. All working, all constructed and engineered by students. Most were based off a design but were then modified as students felt necessary or wanted to add to the design. As teachers, we were blown away at how motivated the students were in working on their projects; they were feverishly researching and constantly

problem-solving. The students' level of creativity and the drive to complete their project is what really made this experience a success. We can't wait to see what they come up with next!



Patriot's Pen

Many of Mr. Miller's students at Matawan Aberdeen Middle School entered the Veterans of Foreign Wars annual Patriot's Pen writing contest. Patriot's Pen is a national youth essay writing contest that gives students in grades 6, 7 and 8 the opportunity to write essays expressing their views on democracy. Annually, more than 115,000 students participate in the contest. This year's writing prompt required students to reflect on "America's gift to my generation" M.A.M.S. winner this year was 6th grader Ryann Healy. Second place winner was 6th grader Jaretzy Serrano and third place was 6th grader Esther Fosu. We

thank V.F.W. post 4745 in Cliffwood hosting the competition and providing very generous awards.



We Love Seuss!



To kick off Dr. Seuss week. Ms. Stelluto's class read their teacher's favorite Dr. Seuss book, Oh! The Places You'll Go! We worked with our peer buddies to choose a place we wanted to go. Then we decided what we would bring, what we will do when we get there, how we will get there, and who we will go with. We even designed our own suitcases! It was a great way for us to use our imaginations as well as show off our writing and drawing skills. We also loved working as a team with our buddies.



MAMS Environmental Club



In the spirit of recycling and helping others, MAMS Environmental Club participating in the Jersev Cares Coat Drive for their 5th year. They decorated two big donation boxes and are collecting gently used coats to be distributed to NJ residents in need.

The club is also participating in the Crayola ColorCycle program. The students distributed collection bags that they designed and distributed them to each These bags will be used to classroom. collect any type of old, dried up markers to recycled. Dry erase markers. highlighters, and any other type of markers will be packed up and shipped to Crayola for recycling.

Lenape Village

Students in Mrs. Bergrin's class, at Cliffwood School, completed a two month project as they recreated a Lenape village. Learners wrote original legends, researched and reported on animals important to the Lenape, wrote poems and created an instrumental piece. Students made all of their artifacts in the same fashion as the Lenape.

curriculum instruction, Using cross students made quilt patches of history, and learned about the economics, industry, transportation, government and important facts, past and present, about New Jersey. Patches were placed on individual quilts, for display. As a follow-up activity, students wrote a diamante poem on What Makes New Jersev Great.



