School News

Education + Communication = A Better Nation

Covering the Hawthorne School District

Volume 13, Issue 70 **March 2023**

STEAM Students... Our Future

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Every child deserves a chance to succeed!
¡Cada niño merece la oportunidad de triunfar!

Preschool Program

HSD Preschools offer early childhood educational programs for children who are three and four-years old. Families must meet State income requirements.

Programa de Preescolar

Las Escuelas Preescolares de HSD ofrecen programas educativos de primera infancia para niños de tres y cuatro años de edad. Las familias deben cumplir con los requisitos de ingresos del Estado.

Hawthorne School District
Preschool

The Benefits of Preschool
The most important years of a child's development is in the first five years of life. Children who receive a high-quality educational experience, in their early years, develop the skills necessary to succeed in life.

Children who are involved in preschool:

- Develop pre-reading, early writing, and math skills
- Enhance critical thinking and problem-solving skills
- Develop emotional behaviors and social skills

Los Beneficios de la Educación Preescolar
Los primeros cinco años de vida son los más importantes en el desarrollo del niño. Los niños que reciben una experiencia educativa de alta calidad, en sus primeros años, desarrollan las habilidades necesarias para triunfar en la vida.

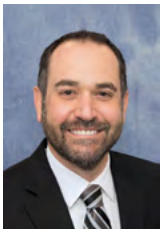
Los niños que participan en la educación preescolar:

- Desarrollan habilidades en matemáticas, escritura y lectura temprana.
- Mejoran el pensamiento crítico y habilidades en resolución de problemas.
- Desarrollan habilidades sociales y comportamiento emocional.

Hawthorne School District

HSD Preschool
13928 Kornblum Ave., Hawthorne, CA 90250
(310) 970-7550 Phone | (310) 970-7555 Fax

Full STEAM Ahead



Dr. Brian Markarian
Superintendent

What do you think of when you hear the terms Science, Technology, Engineering, Arts, and Mathematics (STEAM)? Perhaps you picture a science experiment you conducted as a student, your favorite program or app, or an art project you once worked on. No matter what the notion conjures up, we are sure that it brings with it a feeling of excitement. When we engage our students in high-quality STEAM instruction, we see increased engagement, elevated levels of inquiry, and an understanding of the need to work collaboratively to tackle challenges. STEAM instruction takes many forms in our district. It starts with strong core instructional programs in all content areas. Through partnerships with entities like Project Lead the Way and LEGO Education, we are able to enhance those programs across schools by presenting students with hands-on activities and real-world simulations. Our middle school academies expose students to more targeted and advanced courses in these content areas. Students attending Hawthorne Math and Science Academy further their studies in STEAM-related areas with rigorous high school content.

As we work to deepen our STEAM programming for students, we have partnered with California State University, Dominguez Hills to support 30 teachers in earning their Computer Science teaching authorization. We are also developing plans to significantly expand our arts programming at all schools and across all grade levels.

We invite you to become part of our STEAM initiative by attending the HSD STEAM Expo being held at Prairie Vista Middle School on Saturday, April 1st from 10:00 am to 2:00 pm. Join us as we celebrate all things STEAM, with student inventions, industry partners, and student performances. We hope to see you there!

A todo con STEAM

¿En qué piensa cuando oye los términos Ciencia, Tecnología, Ingeniería, Artes y Matemáticas (STEAM)? Tal vez se imagine un experimento científico que realizó cuando era estudiante, su programa o aplicación favorita, o un proyecto artístico en el que trabajó alguna vez. Sea cual sea la idea que le venga a la mente, estamos seguros de que le produce una sensación de entusiasmo. Cuando involucramos a nuestros estudiantes en la enseñanza de alta calidad de STEAM, vemos un mayor compromiso, niveles elevados de investigación, y una comprensión de la necesidad de trabajar en colaboración para hacer frente a los desafíos. La instrucción STEAM adopta muchas formas en nuestro distrito. Comienza con sólidos programas de instrucción básica en todas las áreas de contenido. A través de asociaciones con entidades como Project Lead the Way y LEGO Education, podemos mejorar esos programas en todas las escuelas presentando a los estudiantes actividades prácticas y simulaciones del mundo real. Nuestras escuelas secundarias exponen a los estudiantes a cursos más específicos y avanzados en estas áreas de contenido. Los estudiantes que asisten a la Academia Hawthorne de Matemáticas y Ciencias amplían sus estudios en áreas relacionadas con STEAM con contenidos rigurosos de secundaria.

A medida que trabajamos para profundizar nuestra programación STEAM para los estudiantes, nos hemos asociado con la Universidad Estatal de California Dominguez Hills para apoyar a 30 profesores en la obtención de su autorización de enseñanza de Ciencias de la Computación. También estamos desarrollando planes para ampliar significativamente nuestra programación de artes en todas las escuelas y en todos los niveles de grado.

Le invitamos a formar parte de nuestra iniciativa STEAM asistiendo a la Expo STEAM HSD que se celebrará en la Escuela Secundaria Prairie Vista el sábado 1 de abril de 10:00 am a 2:00 pm. Únase a nosotros para celebrar todas las cosas STEAM, con invenciones de los estudiantes, socios de la industria, y actuaciones de los estudiantes. ¡Esperamos verlos ahí!

HSD STEAM Expo

Prairie Vista Middle School
Saturday, April 1st from 10:00 am to 2:00 pm.
Join us as we celebrate all things STEAM, with student inventions, industry partners, and student performances.
We hope to see you there!

Expo STEAM HSD

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Únase a nosotros para celebrar todas las cosas STEAM, con invenciones de los estudiantes, socios de la industria, y actuaciones de los estudiantes.
¡Esperamos verlos ahí!

MICHAEL H.
Kindergarten Teacher
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Kay Coop
Founder/Publisher

Netragrednik

Dr. Brian Markarian begins this issue with his message on page 3. It is an exciting time to be a student with the STEAM and STEM programs available. The world is changing rapidly and students are being prepared. Bud Carson Middle School Principal John Paterson writes in his article on page 5, "Students were encouraged to collaborate, inspire and share critical thinking solutions with one another. Each design was an accomplishment brought forth by team effort, trial and error, and perseverance." Being encouraged to work through problems to find a solution is a valuable life lesson. As you enjoy this issue you may find yourself wishing you were back in the classroom.

Our next issue is May 3.

In a world where you can be anything, be kind.

Hawthorne School District

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STEM Days

John Paterson
Principal

As a Science Technology Engineering Math (STEM) Academy, every day at Bud Carson Middle School is a STEM day. On March 3rd, our scholars participated in our recurring school-wide challenge. Our inquisitive scholars were provided with the opportunity to become engineers for the day. It's clear that STEM challenges help to channel student creativity and focus their thinking toward being problem solvers. Since California is known to experience the occasional earthquake, students were tasked with a challenge to build a superior bridge that could sustain the greatest amount of weight and durability. After analyzing several examples of historical bridges, and inspecting them for both weakness and strength, our Bud Carson scholars were eager to design and build a bridge they could be proud of. They were encouraged to collaborate, inspire and share critical thinking solutions with one another. Each design was an accomplishment brought forth by team effort, trial and error, and perseverance. It was remarkable to see how our students built various bridges by using resources made available to them such as: straws, Qtips, pipe cleaners, and masking tape. There is no STEM challenge too big or great for our scholars at Bud Carson.

STEM Días

Como Academia de Ciencias, Tecnología, Ingeniería y Matemáticas, todos los días en la Escuela Intermedia Bud Carson es un día STEM. Esto es especialmente cierto en las aulas del Proyecto Lead The Way (PLTW), cuyos temas van desde la ciencia forense hasta la ortopedia. Sin embargo, para expandir las oportunidades de STEM a todos los estudiantes, ofrecemos desafíos recurrentes en toda la escuela en los que nuestros estudiantes curiosos se convierten en ingenieros por un día. Los desafíos de STEM ayudan a canalizar la creatividad de los estudiantes y a enfocar su pensamiento para que puedan resolver problemas. Dado que se sabe que California experimenta terremotos ocasionales, se encargó a los estudiantes el desafío de construir un puente superior que pudiera soportar la mayor cantidad de peso y durabilidad. Después de analizar varios ejemplos de puentes históricos e inspeccionarlos en busca de debilidades y fortalezas, nuestros académicos de Bud Carson estaban ansiosos por diseñar y construir un puente del que pudieran estar orgullosos. Se les animó a colaborar, inspirar y compartir soluciones de pensamiento crítico entre ellos. Cada diseño fue un logro producido por el esfuerzo del equipo, prueba y error y perseverancia. Fue notable ver cómo nuestros estudiantes construyeron varios puentes utilizando los recursos que se les pusieron a su disposición, como pajitas, Qtips, limpiapipas y cinta adhesiva. No hay desafío STEM demasiado grande o grandioso para nuestros estudiantes en Bud Carson.

Challenge: Building better bridges
Construyendo mejores puentes

Forensic science analysis in PLTW
Análisis de ciencia forense en PLTW

Counting, Counting, and More Counting!

By Thuy Tran, Math Coach

Mike Goldstein
Principal

Teachers and students at Eucalyptus are excited to learn about Cognitively Guided Instructional (CGI) strategies known as Counting Collections and Choral Counting. In Counting Collections, students are asked to count a collection of objects using any technique of their choice. Afterward, they note how they counted, on a recording sheet. Teachers observe how their students count during the activity, then invite students to share their strategies with the class. Counting Collections reinforces concepts such as one-to-one counting, "subitizing", skip counting, estimating, and "multiplicative" thinking. Our math coach, Ms. Tran, recently shared this activity with parents at the last HPA Meeting and gave families the opportunity to experience the activity for themselves. It was a huge success! The second CGI strategy teachers are using is Choral Counting. In this activity teachers guide and record students skip-counting numbers, employing this strategy with whole numbers, fractions, or decimals. Choral Counting helps students with reasoning, predicting, and justifying. A group of Eucalyptus teachers are meeting once a month in a "book club" to learn about and work on these CGI strategies. Their collaboration included analyzing the book "Children's Mathematics: Cognitively Guided Instruction" and will continue in March and April with an analysis of the book "Choral Counting and Counting Collections." Learning about counting has never been so much fun!

Yolanda Alvarado, Jesus Arreguin and Janelle Hernández Santory learn about Counting Collections

¡Contando, Contando y más Contando!

Por Thuy Tran, Math Coach

Los maestros y los estudiantes de Eucalyptus están emocionados de aprender sobre las estrategias de Instrucción Guiada Cognitivamente (CGI) conocidas como Conteo de Colecciones y Conteo Coral. En Contar colecciones, se les pide a los estudiantes que cuenten una colección de objetos utilizando cualquier técnica de su elección. Después, anotan cómo contaron, en una hoja de registro. Los maestros observan cómo cuentan sus alumnos durante la actividad, luego los invitan a compartir sus estrategias con la clase. Contar Colecciones refuerza conceptos como el conteo uno a uno, "subitización", conteo salteado, estimación y pensamiento "multiplicativo". Nuestra entrenadora de matemáticas, la Sra. Tran, recientemente compartió esta actividad con los padres en la última reunión de HPA y les dio a las familias la oportunidad de experimentar la actividad por sí mismos. ¡Fue un enorme éxito! La segunda estrategia CGI que utilizan los maestros es el conteo coral. En esta actividad, los maestros guían y registran a los estudiantes contando salteados los números, empleando esta estrategia con números enteros, fracciones o decimales. El conteo coral ayuda a los estudiantes a razonar, predecir y justificar. Un grupo de profesores de Eucalyptus se reúne una vez al mes en un "club de lectura" para aprender y trabajar en estas estrategias CGI. Su colaboración incluyó el análisis del libro "Matemáticas infantiles: instrucción guiada cognitivamente" y continuará en marzo y abril con un análisis del libro "Conteo coral y colecciones de conteo". ¡Aprender a contar nunca ha sido tan divertido!

Yolanda Alvarado, Jesus Arreguin y Janelle Hernandez Suntory aprenden a contar colecciones.

CalKIDS can help kickstart a child's future.

With free money for college!

CalKIDS is a new program from the State of California that provides eligible public school students up to $1500 in free money for college.* CalKIDS was created to help families kickstart their college savings plan and increase access to higher education.

To learn more and to find out if your child qualifies, visit CalKIDS.org today!

CalKIDS

The first step toward college

*Student eligibility is defined by the Local Control Funding Formula.
The California Kids Investment and Development Savings Program (CalKIDS) is a children's savings account program, administered by the ScholarShare Investment Board, an agency of the State of California. CalKIDS will provide eligible participants with college savings accounts, including seed deposits and other potential incentives, to help pay for future qualified higher education expenses. To learn more about CalKIDS or opt out of the program entirely, please see the Program Information Guide at CalKIDS.org.

MESA Aviators at Pre-MESA Day USC

By Dr. Anakonia Matsumoto

HMSA has over 80 students in our MESA (Math, Science, Engineering Achievement) classes and club. Ms. Batt, MESA advisor, works tirelessly with the students to imagine, design, and execute projects and delivery. Students follow a MESA-developed curriculum that aligns with the California State Math and Science Standards. The MESA lab is always bustling with creative energy, full of focused-driven students learning and collaborating.

On Saturday, March 4, 61 students participated in the Pre-MESA Day held at the University of Southern California. It was an exciting and jam-packed day of competitions including, but not limited to: Cargo glider, Engineering Lab Book, Moon Base, Math Escape Challenge and the MESA Machine.

We are so excited to announce our Gold Medal Winners:

1st place Gold Medal in 11/12th MESA Machine: Jenny H, Siutiti H, Kimora L (made it to Regionals)

1st place Gold Medal in 9/10th Moon Base: Chika C-O, Nabila H, Toluwalagbara O (made it to Regionals)

"It was SO exciting when we saw our MESA machine car land only a few centimeters away from the target! We screamed so loud with pride" said Jenny, "My group is ready to take on Regionals and represent both HMSA and USC!"

Many other students received 2nd place medals, 1st place ribbons, and Honorable Mentions.

"It is a joy to watch students hone their STEM skills and build bonds as they work on group projects for competitions" said Ms. Batt, "we look forward to Regionals on April 22."

The event was "Aviator Strong", and we are so proud of their hard work and commitment to excellence.

Esau Berumen
Principal

MESA Aviators en el día Pre-MESA USC

Por la Dra. Anakonia Matsumoto, Asistente Directora

HMSA tiene más de 80 estudiantes en nuestras clases y club de MESA (Matemáticas, Ciencias, Logro en Ingeniería). La Sra. Batt, tutora de MESA, trabaja incansablemente con los estudiantes para imaginar, diseñar y ejecutar proyectos y entregas. Los estudiantes siguen el currículo desarrollado por MESA que se alinea con los Estándares de Matemáticas y Ciencias del Estado de California. El laboratorio de MESA siempre está repleto de energía creativa, lleno de estudiantes enfocados que aprenden y colaboran.

El sábado 4 de marzo, 61 estudiantes participaron en el día de Pre-MESA realizado en la Universidad del Sur de California. Fue un día emocionante y repleto de competencias que incluyeron, entre otras: planeador de carga, libro de laboratorio de ingeniería, base lunar, desafío de escape matemático y la máquina MESA.

Estamos muy emocionados de anunciar a nuestros ganadores de medallas de oro:

1er lugar Medalla de oro en la máquina MESA 11/12: Jenny H, Siutiti H, Kimora L (llegaron a las Regionales)

1er lugar Medalla de oro en la base lunar 9/10: Chika C-O, Nabila H, Toluwalagbara O (llegaron a las Regionales)

"¡Fue TAN emocionante cuando vimos que nuestro carro de máquinas MESA aterrizó a solo unos centímetros del objetivo! Gritamos tan fuerte con orgullo", dijo Jenny, "¡Mi grupo está listo para enfrentarse a las Regionales y representar tanto a HMSA como a USC!"

Muchos otros estudiantes recibieron medallas de segundo lugar, cintas de primer lugar y menciones de honor.

11/12th grade team: Jenny, Siutiti and Kimora with their 1st place GOLD medals - MESA Machine

El Equipo del grado 11/12: Jenny, Siutiti and Kimora con sus medallas de ORO de 1er lugar- Máquina MESA

9/10th grade team: Chika, Nabila and Tolu with their 1st place GOLD medals - Moon Base

El Equipo del grado 9/10° : Chika, Nabila and Tolu con sus medallas de ORO de 1er lugar - Base Lunar

"Es un placer ver a los estudiantes perfeccionar sus habilidades STEM y crear amistades mientras trabajan en proyectos grupales para competencias", dijo la Sra. Batt, "esperamos los Regionales el 22 de abril".

El evento fue "Aviator Strong", y estamos muy orgullosos de su arduo trabajo y compromiso a la excelencia.

HMS Wins Big at Pre-MESA Day

By: Alinka Bustamante, HMS 8th grade student

On Saturday, March 4, 2023, HMS MESA students gathered together in front of HMS to make our way to USC for Pre-MESA day. When the students started to arrive, you could feel the excitement from all the students, ready to compete after weeks of working on projects.

As we made our way to USC, everyone was looking forward to the competition. The tension started to rise when we got off the bus and headed to the E-Quad to find our stations. Everyone divided into groups and set off to find their correct competition and check-in. Each contest had its own requirements, so the judges had to observe them carefully. Students were required to attend one of the College and Career panels, where you can discover anything from chemistry to biology. Everyone enjoyed listening and participating in the hands-on experience.

As the day quickly progressed, the time had come for the competitions to start. It was a wonderful learning experience. Everyone had fun watching their projects be tested and see how the projects were able to resist the impact or travel the distance.

Once the competitions were over, we ate lunch and regrouped to explore the campus and visit the student store, that was full of items that ranged from clothing to books. We made new friendships with the other students, and together we all walked back to the E-Quad for the awards ceremony.

HMS did very well, and won awards in Innovation and Design, MESA Machine, Cargo Glider, and Coding Solutions. Award winners brought home ribbons for project design, and medals for performance in competitions. As we left, with our heads held high, we were very grateful for this opportunity and are very thankful for our MESA teachers who made this possible.

Martha Castellanos
Principal

HMS Gana en Grande durante Día Pre-MESA

Por: Alinka Bustamante, estudiante de HMS del grado 8

El sábado 4 de marzo de 2023, los estudiantes de HMS MESA se reunieron frente a HMS para dirigirse a USC para el día Pre-MESA. Cuando empezaron a llegar los estudiantes, se podía sentir la emoción de todos los estudiantes, listos para competir después de semanas de trabajar en proyectos.

Mientras nos dirigíamos a USC, todos esperaban con ansias la competencia. La tensión comenzó a aumentar cuando nos bajamos del autobús y nos dirigimos al E-Quad para encontrar nuestras estaciones. Todos se dividieron en grupos y partieron para encontrar su competencia correcta y registrarse. Cada concurso tenía sus propios requisitos, por lo que los jueces debían observarlos cuidadosamente. Se requirió que los estudiantes asistieran a uno de los paneles de universidades y carreras, donde pueden descubrir cualquier cosa, desde química hasta biología. Todos disfrutaron escuchando y participando en la experiencia práctica.

A medida que el día avanzaba rápidamente, había llegado el momento de que comenzaran las competiciones. Fue una maravillosa experiencia de aprendizaje. Todos se divirtieron viendo cómo se ponían a prueba sus proyectos y cómo podían resistir el impacto o recorrer la distancia.

Una vez que terminaron las competencias, almorzamos y nos reunimos para explorar el campus y visitar la tienda de estudiantes, que estaba llena de artículos que iban desde ropa hasta libros. Hicimos nuevas amistades con los otros estudiantes y juntos regresamos al E-Quad para la ceremonia de entrega de premios.

A HMS le fue muy bien y ganó premios en Innovación y Diseño, MESA Machine, Cargo Glider y Coding Solutions. Los ganadores de los premios llevaron a casa cintas por el diseño de proyectos y medallas por desempeño en competencias. Cuando nos fuimos, con la frente en alto, estábamos muy agradecidos por esta oportunidad y estamos muy agradecidos con nuestros maestros de MESA que hicieron esto posible.

Angel C. Diaz, Angel E, Diaz, Ian Solis, and Yeray Piedrasanta won first place in the National Engineering Design Competition, where they used technology to solve an inequity in society. The team designed Handigrip, a prosthetic to help people with mobility issues.

Angel C. Diaz, Angel E, Diaz, Ian Solis y Yeray Piedrasanta ganaron el primer lugar en el Concurso Nacional de Diseño de Ingeniería, donde utilizaron la tecnología para resolver una inequidad en la sociedad. El equipo diseñó Handigrip, una prótesis para ayudar a las personas con problemas de movilidad.

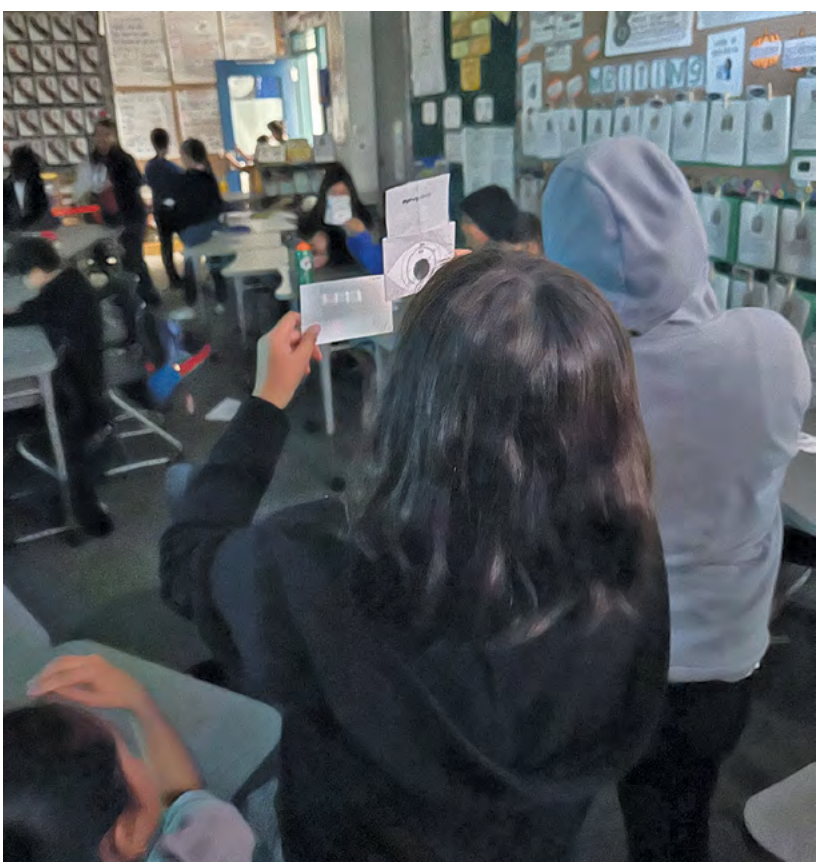
STEAM is Here!

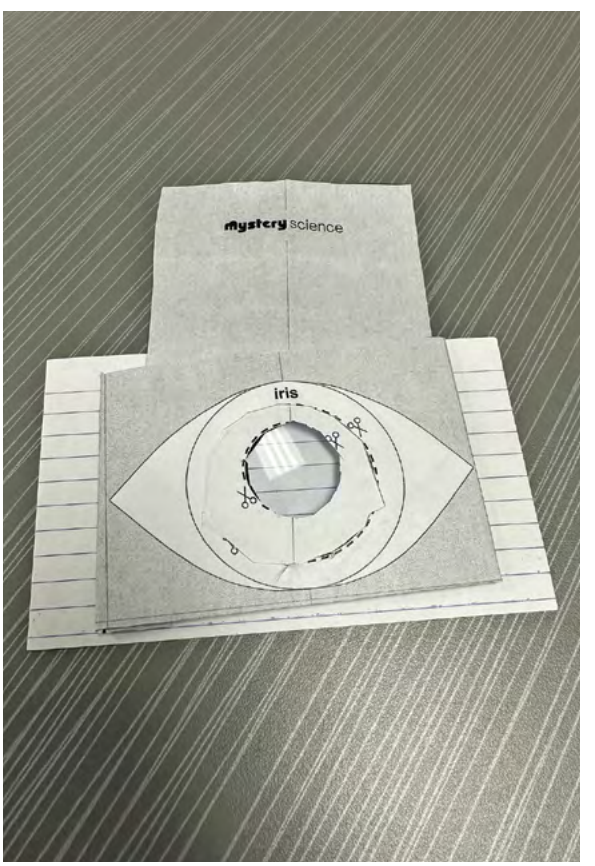
Josh Godin
Principal

STEAM is an approach to learning that uses Science, Technology, Engineering, the Arts and Mathematics as access points for guiding student inquiry, dialogue, and critical thinking. Students in Mrs. Garcia's 4th grade class have dived into STEAM head first. Students have been learning about how the eye works and comparing the differences between humans and animals. Students learned how every part of the eye works and how they are all connected. One aspect of the eye that was focused on was the pupil. Students learned why nocturnal animals can see at night and how their pupils are different from humans. Students made a lens that had large pupils and small pupils and looked at the differences in the dark. Students were excited to see the differences. Why do some animals have different colored eyes when a picture is taken at night? Mrs. Garcia's class can answer that!

¡VAPOR está Aquí!

STEAM es un enfoque de aprendizaje que utiliza la ciencia, la tecnología, la ingeniería, las artes y las matemáticas como puntos de acceso para guiar la investigación, el diálogo y el pensamiento crítico de los estudiantes. Los estudiantes de la clase de cuarto grado de la Sra. García se han sumergido en STEAM de cabeza. Los estudiantes han estado aprendiendo cómo funciona el ojo. y comparar las diferencias entre humanos y animales. Los estudiantes aprendieron cómo funciona cada parte del ojo y cómo están todas conectadas. Un aspecto del ojo que se enfocó fue la pupila. Los estudiantes aprendieron por qué los animales nocturnos pueden ver de noche y cómo sus pupilas son diferentes a las de los humanos. Los estudiantes hicieron una lente que tenía pupilas grandes y pupilas pequeñas y miraronen las diferencias en la oscuridad. Los estudiantes fueronemocionado de ver las diferencias. ¿Por qué algunos animales tienen ojos de diferentes colores cuando se toma una fotografía de noche? ¡La clase de la Sra. García puede responder eso!





A+ Medical Miller Minute

Gary Feldman, M.D.
MemorialCare Miller Children's & Women's Hospital Long Beach

How to get kids on a good sleep schedule when it's time to "Spring Forward"

By: Gary Feldman, M.D., developmental & behavioral pediatric and sleep medicine, Stramski Children's Developmental Center, MemorialCare Miller Children's & Women's Hospital Long Beach

Spring is an exciting time when we receive an additional hour of sunlight. While the annual daylight savings time, "spring forward," offers more sunlight in the evening, it also means that we lose an hour of sleep. This time change can disrupt normal sleep patterns for children.

Some tips to help your child adjust to the time change:

- Gradually Shift Bedtime — Have your child move their bedtime up by 20-minute increments each night starting three days before the time change.
- Keep a Bedtime Routine — Bedtime routines help cultivate strong sleep cues to help your child fall asleep at bedtime. If your child is not falling asleep after bedtime, don't give in to excuses they may make to get out of bed. Keep them calm and preserve the bedtime routine.
- Turn Off the Light — Ensure your child's room is dark at bedtime and expose your child to light at wakeup time.
- Wake Your Child Up on Time – In the morning, don't compensate for the lost hour of sleep. Wake your child up based on current clock time.
- Patience is Key — Be patient if your child is sleepy for a few days. Try not to let them nap if it's not their usual practice.

Teenagers may take longer to adjust to the new time change.

This year's daylight-saving time begins at 2 a.m. on Sunday, March 12, 2023. Don't forget to mark your calendar to set your clocks forward one hour. Here's wishing you and your family healthy sleep.

Kornblum *Elementary*

3620 W. El Segundo Blvd., Hawthorne, CA 90250 • 310/970-4294 • www.hsdkornblum.org

Stop the Flooding

In their recent STEAM lesson, students learn the importance of planning, testing, and evaluating designs. Students are introduced to "New Hawthorne," an idyllic city at the base of a mountain. When the rain comes, however, a problem is discovered, New Hawthorne floods. Students are able to use the resources available from the mountain (wood, rocks, and concrete) to plan and implement a structure to stop the water. If they are successful, the residents of New Hawthorne will be relieved.

This team was able to stop the flood water and save New Hawthorne. "Some people only used concrete on the top, but we used the concrete on the top and the bottom so the water would not be able to go anywhere."

Mytress Middleton
Principal

Detener la Inundación

En su lección de STEAM reciente, los estudiantes aprenden la importancia de planificar, probar y evaluar diseños. A los estudiantes se les presenta "New Hawthorne", una ciudad idílica en la base de una montaña. Sin embargo, cuando llega la lluvia, se descubre un problema: New Hawthorne se inunda. Los estudiantes pueden usar los recursos disponibles en la montaña (madera, piedras y cemento) para planificar e implementar una estructura para detener el agua. Si tienen éxito, los residentes de New Hawthorne se sentirán aliviados.

Este equipo pudo detener la inundación y salvar New Hawthorne. "Algunas personas solo usaron cemento en la parte superior, pero usamos el cemento en la parte superior y inferior para que el agua no pudiera ir a ninguna parte".

A School to Watch

Wendy Ostensen
Principal

PVMS has become a recipient of the Schools to Watch designation by the California Department of Education and the California League of Educators. The staff collaborated to submit an application that was reviewed by experienced middle-grades experts. PVMS was visited by the Schools to Watch evaluators, who observed classrooms throughout the day, and met with staff, students, parents, and community partners to validate the application and determine that PVMS should be awarded the Schools to Watch designation. PVMS will be one of only 77 schools in California to receive this designation as a high performing model middle school. Our replicable practices will be shared with other school districts across California at the California League of Educators Annual Conference. PVMS will become a California School to Watch in March 2023 and a National School to Watch in June 2023. It is a great honor and we should all be very proud of our PVMS community!

Una Escuela Para Observar

PVMS ha recibido la designación Schools to Watch del Departamento de Educación de California y la Liga de Educadores de California. El personal colaboró para presentar una solicitud que fue revisada por expertos experimentados en grados intermedios. Los evaluadores de Schools to Watch visitaron PVMS, quienes observaron las aulas durante todo el día y se reunieron con el personal, los estudiantes, los padres y los socios de la comunidad para validar la solicitud y determinar que PVMS debería recibir la designación de Schools to Watch. PVMS será una de las 77 escuelas en California en recibir esta designación como escuela intermedia modelo de alto rendimiento. Nuestras prácticas reproducibles se compartirán con otros distritos escolares de California en la Conferencia Anual de la Liga de Educadores de California.

PVMS se convertirá en una escuela de California para observar en Marzo de 2023 y en una escuela nacional para observar en Junio de 2023. ¡Es un gran honor y todos debemos estar muy orgullosos de nuestra comunidad de PVMS!

CALIFORNIA SCHOOLS TO WATCH
HIGH PERFORMING MODEL MIDDLE SCHOOLS

Ramona *Elementary*

4617 W. 136th St., Hawthorne, CA 90250 • 310/675-7189 • www.hsdramona.org

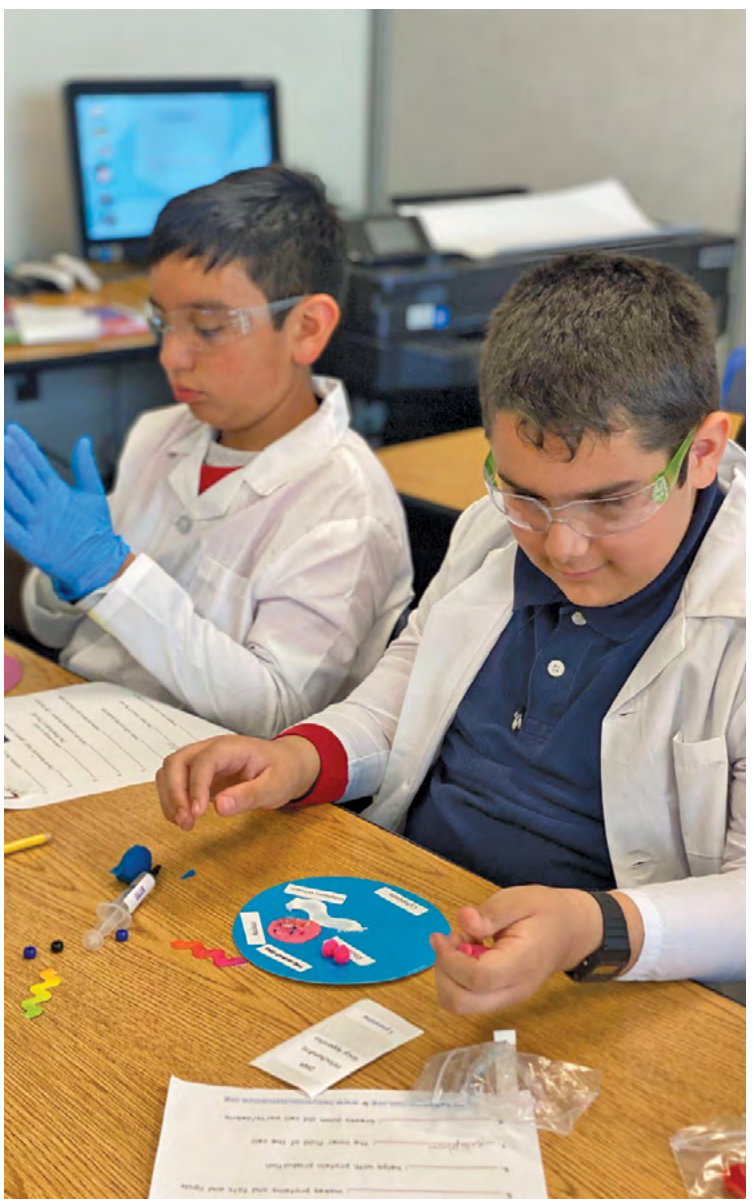
STEM

The Ram-azing GATE (Gifted and Talented Education) students were chosen to take part in a series of science lessons hosted by Baby Scientist and the Gen2Gen/C1GN employee resource groups at Northrop Grumman as part of their Engineers Week. Students learned about the human body and chemical reactions by using their science kits to conduct experiments such as extracting DNA from strawberries and creating volcanic eruptions. Students also learned about new discoveries in space and built models of the James Webb Telescope. What an incredible experience for our students!

Marisa Stewart
Principal

STEM

Los estudiantes de Ram-azing GATE (Educacion para Superdotados y Talentosos) fueron elegidos para participar en una serie de lecciones de ciencia organizadas por Baby Scientist y los grupos de recursos para empleados Gen2Gen/C1GN en Northrop Grumman como parte de su Semana de Ingenieros. Los estudiantes aprendieron sobre el cuerpo humano y las reacciones químicas usando sus equipos de ciencia para realizar experimentos como extraer ADN de fresas y crear erupciones volcánicas. Los estudiantes también aprendieron sobre nuevos descubrimientos en el espacio y construyeron modelos del Telescopio James Webb. ¡Qué experiencia tan increíble para nuestros estudiantes!



Washington Trash to STEM Treasure

Akila Jones
Principal

As the saying goes, one man's trash is another man's treasure, well in this case the treasure is a game. For the past month the sixteen GATE/MCL students at Washington Elementary have been turning trash into games. Their end goal is participating in the Inventor's Alley exhibition at the district's STEM Expo taking place on April 1st. At the first meeting in January students were presented with their task, create a playable (and winnable) game using upcycled materials provided by the Two Bit Circus Foundation. Their game must have a name, a set of rules, use at least three STEAM disciplines and include a physical component. Each student drew out the design for their own game and then presented it to the group. After some thoughtful discussion the students selected three designs that they felt best met the challenge. They put their engineering skills to the test and created three awesome games, ready to be played at the upcoming expo.

Basura de Washington a tesoro STEM

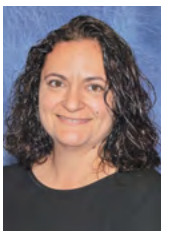
Como dice el refrán, la basura de un hombre es el tesoro de otro hombre, bueno, en este caso, el tesoro es un juego. Durante el último mes, los dieciséis estudiantes GATE/MCL de la Escuela Primaria Washington han estado convirtiendo la basura en juegos. Su objetivo final es participar en la exposición Inventor's Alley en la STEM Expo del distrito que tendrá lugar el 1 de abril. En la primera reunión en enero, a los estudiantes se les presentó su tarea, crear un juego jugable (y ganable) utilizando materiales reciclados proporcionados por Two Bit Circus Foundation. Su juego debe tener un nombre, un conjunto de reglas, usar al menos tres disciplinas STEAM e incluir un componente físico. Cada estudiante dibujó el diseño de su propio juego y luego lo presentó al grupo. Después de un debate reflexivo, los estudiantes seleccionaron tres diseños que, en su opinión, respondían mejor al desafío. Pusieron a prueba sus habilidades de ingeniería y crearon tres juegos increíbles, listos para jugar en la próxima exposición.

STEAM

By Abi Morales, Assistant Principal

The Space Force came to Zela Davis School in January and February. They presented to 3rd-5th Grade students. The presentations revolved around space, rockets, planets, space exploration, environment awareness, and careers in engineering. Dr. Barajas, STEM coach, contacted the Space Force department, put together a schedule, and supported all of the activities. The presentations included two-three classrooms at a time in the East Cafeteria. The program began at 9:00 a.m., had a 20 minute recess, and ended at 11:30 a.m. The presenters were enthusiastic, had plenty of hands-on activities, and the students had a blast! During the culmination assembly, the Space Force presented Zela Davis School with a certificate of completion.

At the end of March, the Space Force will visit Zela Davis once again to present to TK-2nd Grade. Thank you Space Force!



Miguelina Lopez
Principal

STEAM

por Abi Morales, subdirectora

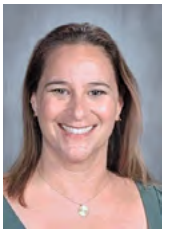
La Fuerza Espacial vino a Zela Davis en enero-febrero. Trabajaron con 3ro-5to grado. Las presentaciones se enfocaron en el espacio, cohetes, planetas, exploración espacial, conciencia ambiental y carreras de ingeniería. La Dr. Barajas, entrenadora de STEM, contactó al departamento de la Fuerza Espacial, preparó un cronograma y apoyó todas las actividades. Las presentaciones incluyeron dos-tres clases a la vez en la cafetería. El programa comenzó a las 9:00 a. m., tuvo un receso de 20 minutos y finalizó a las 11:30 a. m. Los presentadores mostraron entusiasmo, tuvieron muchas actividades prácticas y los estudiantes se divirtieron mucho. Durante la asamblea de culminación, la Fuerza Espacial entregó a la Escuela Zela Davis un certificado de finalización.

En marzo, la Fuerza Espacial visitará a Zela Davis una vez más para trabajar con TK-2nd grado. ¡Gracias Fuerza Espacial!

Certificate of Completion
Certificado de Finalización

Space Force Presenters
Presentadores de la Fuerza Espacial

TK Student Engineers



Gina Cardillo
Principal

TK teacher, Angie Camola recently received materials to complete a bridge project with her class. She built upon this theme and developed STEAM activities aligned with the lesson. First, students viewed pictures of bridges from around the world and learned relevant vocabulary, such as "building" and "transportation." Next, students worked in pairs to build bridges with materials like Legos and Play-Doh. This allowed them to experiment with different designs and see firsthand how the materials used affected the strength and stability of their bridges. Students explored engineering and math concepts as they measured materials for their construction. They used technology to watch videos and listen to stories about bridges. One of their favorites was, Iggy Peck Architect. Students wrote a sentence about their bridges and painted pictures of them. York's TK students enjoyed this engaging and interactive STEAM experience and can't wait to show off their creations at Open House!

Estudiantes de Ingeniería TK

La maestra de TK, Angie Camola, recibió recientemente materiales para completar un proyecto puente con su clase. Se basó en este tema y desarrolló actividades STEAM alineadas con la lección. Primero, los estudiantes vieron imágenes de puentes de todo el mundo y aprendieron vocabulario relevante, como "construcción" y "transporte". Luego, los estudiantes trabajaron en parejas para construir puentes con materiales como Legos y Play-Doh. Esto les permitió experimentar con diferentes diseños y ver de primera mano cómo los materiales utilizados afectan la resistencia y estabilidad de sus puentes. Los estudiantes exploraron conceptos de ingeniería y matemáticas mientras medían los materiales para su construcción. Usaron tecnología para ver videos y escuchar historias sobre puentes. Uno de sus favoritos fue Iggy Peck Architect. Los estudiantes escribieron una oración sobre sus puentes y pintaron imágenes de ellos. ¡Los estudiantes de TK de York disfrutaron de esta atractiva e interactiva experiencia STEAM y están ansiosos por mostrar sus creaciones en la jornada de puertas abiertas!

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