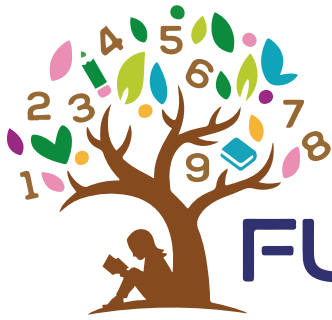




FUNDAPROMAT

Activity Archive 2023





**Panamanian Foundation for
the Promotion of Mathematics**

FUNDAPROMAT

The Panamanian
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change the world's
perception so that one and
all can experience
mathematics as
accessible, relevant and
inherently joyous.



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Join our math outreach
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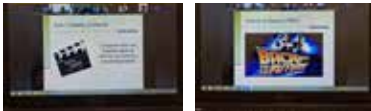




JANUARY - FEBRUARY 2023

<p>11</p> <p>11:00 AM - 12:30 PM</p>	<p>Visita a Explora</p> <p>El miércoles 11 de enero de 2023 realizamos un entrenamiento a los guías del Centro de Ciencias y Arte Explora en Condado del Rey. En este entrenamiento presencial, les explicamos cómo conectar las matemáticas con el origami de una forma divertida.</p>	<p>Visit to Explora</p> <p>On Wednesday, January 11th, 2023 we ran a training session for the guides of the Explora Science and Art Center in Condado del Rey. In this in-person training session, we explained how we can connect mathematics with origami in a fun way.</p>
<p>13</p> <p>10:00 AM - 11:00 AM</p>	<p>Visita al Hogar María Guadalupe</p> <p>El viernes 13 de enero de 2023 realizamos un taller de matemáticas divertidas con origami en este albergue que protege a jóvenes y adolescentes embarazadas.</p>	<p>Visit to the Maria Guadalupe Shelter</p> <p>On Friday, January 13th, 2023 we ran an origami workshop at the Maria Guadalupe Shelter, which helps pregnant young girls and teenagers.</p>
<p>9</p> <p>11:00 AM - 12:00 PM</p>	<p>Visita al Hospital del Niño</p> <p>El pasado jueves 9 de febrero de 2023 realizamos un entrenamiento a las damas voluntarias del Hospital del Niño Doctor José Renán Espinoza, en el cual les compartimos algunos juegos divertidos de matemáticas con legos.</p>	<p>Visit to the Children's Hospital</p> <p>On Thursday, February 9th, 2023 we ran a training session for the volunteer ladies of the Doctor Jose Renan Esquivel Children's Hospital, in which we shared several fun math games with legos.</p>
<p>9</p> <p>5:00 PM - 6:00 PM</p>	<p>LET'S VISIT NUMBERLAND</p> <p>Invited speaker: Barbara Schindelbauer</p> <p>Join this Webinar FREE & OPEN AND AGES 5 TO THE GENERAL PUBLIC on Thursday, February 9th, 2023 at 5 pm (Pacifica) 6:00 - 7:00 PM</p> <p>Register at: https://zoom.us/j/math-origami22</p>	<p>Twenty-Second Math Webinar in English</p> <p>The twenty-second Math Webinar in English took place on Thursday, February 9th, 2023 from 5 pm until 6 pm with Barbara Schindelbauer, Co-author of "Let's Visit Numberland", international trainer and presenter, and advocate for early maths through the eyes of children since 2004, as our invited speaker. This virtual event was free and open to the general public.</p> <p>In this twenty-second Math Webinar in English, Barbara Schindelbauer presented on "Let's Visit Numberland". The speaker explained that just as we live in our homes, in Numberland numbers also have their own homes with their own gardens that can be decorated with flowers and fruits. Barbara Schindelbauer showed how we can explore relevant math concepts connecting adventure with the daily activities of children and role playing. The speaker recommended to all those interested in exploring Numberland to visit the website https://www.numberland.net/contact. This virtual event was co-organized by the Mathematical Association of America (MAA).</p>

FEBRUARY 2023

<p style="font-size: 48pt; text-align: center;">11</p> <p>11:00 AM - 1:00 PM</p>		<h3>Math Party Celebrating the International Day of Women and Girls in Science</h3> <p>On Saturday, February 11th, 2023 we were invited by Ciencia en Panama to run a Math Party to celebrate the International Day of Women and Girls in Science on the fourth floor of the Ernesto J. Castellero R. National Library. This free in-person event for the entire family included fun math activities accessible for all ages.</p> 
<p style="font-size: 48pt; text-align: center;">15</p> <p>11:00 AM - 12:00 PM</p>		<h3>Juggling, Shuffling and Magic in Azuero</h3> <p>On Wednesday, February 15th, 2023 the keynote speech “Juggling, Shuffling and Magic” took place from 11 am until 12 pm at the Conference Room I of the Regional Center of Azuero of the Technological University of Panama (UTP). This free in-person event for the entire family was given by our international speaker Steve Butler from the United States.</p> 
<p style="font-size: 48pt; text-align: center;">16</p> <p>11:00 AM - 12:00 PM</p>		<h3>Juggling, Shuffling and Magic in Cocle</h3> <p>On Thursday, February 16th, 2023 the keynote speech “Juggling, Shuffling and Magic” took place from 11 am until 12 pm at the Smart Room of the Innovation, Technological Development and Entrepreneurship Center (CIDETE) of the University Regional Center of Cocle of the University of Panama. This free in-person event for the entire family was given by our international speaker Steve Butler from the United States.</p> 
<p style="font-size: 48pt; text-align: center;">17</p> <p>11:00 AM - 12:00 PM</p>		<h3>Juggling, Shuffling and Magic in Panama</h3> <p>On Friday, February 17th, 2023 the keynote speech “Juggling, Shuffling and Magic” took place from 11 am until 12 pm at the Auditorium on the Second Floor of Building 807 of the Specialized University of the Americas (UDELAS). This free in-person event for the entire family was given by our international speaker Steve Butler from the United States.</p> 








FEBRUARY 2023

<p>17</p> <p>6:00 PM - 8:00 PM</p>	 <p>Meet & Greet Steve Butler</p> <p>Fecha: viernes 17 de febrero de 2023 Hora: 6:00 p.m. Lugar: Círculo de la Costa del Este</p>	<h3>Meet & Greet Steve Butler</h3> <p>On Friday, February 17th, 2023 the Meet & Greet Steve Butler took place, which was a fundraising dinner to gather donations to cover the FUNDAPROMAT projects, in which participants had the opportunity to share with our international guest while enjoying an exquisite dinner at the Ciao Ragazzi restaurant in Costa del Este.</p> 
<p>18</p> <p>2:00 PM - 3:00 PM</p>	 <p>¡Luz, Cámara, Ciencia! Lo que el cine nos enseña sobre la ciencia, su historia y sus protagonistas</p> <p>Fecha: sábado 18 de febrero de 2023 Hora: 2:00 p.m. Inscríbete en: https://tinyurl.com/luz-camara</p> <p>Expositor: Claudio Sánchez</p> <p>Webinar gratis y abierto a todo público</p>	<h3>Webinar on Lights, Camera, Science!</h3> <p>The Webinar on Lights, Camera, Action! took place on Saturday, February 18th, 2023 from 2 pm until 3 pm with the science communicator Claudio Sanchez from Argentina as our invited speaker. This virtual event was free and open to the general public.</p> <p>The invited speaker shared what movies can teach us about science, its history and its protagonists. Claudio Sanchez explained the science that appears in the movies: The Godfather III, Man of Steel, Superman III, The First Day of the Rest of your Life, The Prestige, Escape Plan, Apolo XIII, The Saint, 21 Blackjack, Proof, Goldfinger, The Da Vinci Code, Angels and Demons, Sherlock Holmes, The Darkest Hour, Interstellar and Back to the Future.</p> 
<p>21</p> <p>7:00 PM - 9:00 PM</p>	 <p>Vigésimo MathsJam Virtual en Panamá</p> <p>¿Eres mayor de 18 años de edad y quieres fortalecer tus habilidades mentales?</p> <p>Fecha: martes 21 de febrero de 2023 Hora: 7:00 p.m. Idioma: español</p> <p>Inscríbete en el link: https://tinyurl.com/mathsjam20</p>	<h3>Twentieth Virtual MathsJam in Panamá</h3> <p>The twentieth Virtual MathsJam in Panamá took place on Tuesday, February 21st, 2023 from 7 pm until 9 pm. The MathsJam is a monthly opportunity for math enthusiasts who are 18 years and older to share some quality time with like-minded individuals while solving math puzzles and intellectual challenges in a collaborative environment.</p> <p>This virtual event was free and only for adults. Maria Cristina Monachelli, FUNDAPROMAT volunteer, acted as the moderator. In this event, participants solved different math challenges using their creativity and imagination. We thank our volunteer Ramon Martinez for coordinating this first Virtual MathsJam of 2023.</p> 
<p>22</p> <p>5:00 PM - 5:30 PM</p>	 <p>ORIGAMI</p> <p>Fecha: miércoles 22 de febrero de 2023 Hora: 5:00 p.m. Modelo: Perro</p> <p>Materiales: un cuadrado de papel de 20 cm x 20 cm y lápices de colores</p> <p>Invitada especial: Janeth Martinez</p> <p>FUNDAPROMAT LIVE @fundapromat</p>	<h3>Origami with Janeth Martinez #3</h3> <p>The Origami Facebook Live with Janeth Martinez #3 took place on Wednesday, February 22nd, 2023 from 5 pm until 5:30 pm. The special guest of this event was our volunteer Janeth Martinez from Panamá.</p> <p>In this Facebook Live, Janeth Martinez taught us how to fold a dog, which is a traditional origami model. The participants needed a 20 cm x 20 cm paper square and colored pencils. You can watch the video by visiting our Facebook account: @fundapromat or by clicking here.</p> 


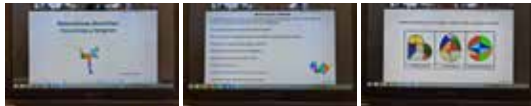






FEBRUARY - MARCH 2023

<p>25</p> <p>2:00 PM - 3:00 PM</p>		<p>Webinar on Math and Kirigami – Part 2</p> <p>The Webinar on Math and Kirigami – Part 2 took place on Saturday, February 25th, 2023 from 2 pm until 3 pm, with Miriam Baez, math communicator and academic of the Actuary School in the Veracruz Anahuac University in Mexico, as our invited speaker. This virtual event was free and open to the general public.</p> <p>The invited speaker explained that kirigami is the art and the technique of cutting paper. Miriam Baez described how we can use kirigami in math learning. The speaker also showed several examples of geometric patterns and symmetries that arise in kirigami and encouraged the participants to continue exploring this art.</p> 
<p>27-1</p>		<p>Plane Trip to Bocas del Toro</p> <p>From Monday, February 27th until Wednesday, March 1st, 2023 a FUNDAPROMAT plane trip took place, in which we talked to directors and teachers from the following academic centers in the province of Bocas del Toro:</p> <ul style="list-style-type: none"> - Bocas del Toro Professional and Technical Institute in Changuinola - Changuinola American Academy - Farm No. 32 Bilingual Educational Center in Changuinola - Bilingual Adventist School of Changuinola - Bilingual Institute of Changuinola - Farm No. 4 Bilingual Educational Center in Changuinola - Almirante High School - El Silencio Professional and Technical Institute in Changuinola - Guabito Bilingual Educational Center in Changuinola - Farm No. 67 School in Changuinola - Farm No. 64 School in Changuinola <p>We also visited the Regional Center of Bocas del Toro of the Technological University of Panama (UTP), as well as the University Regional Center of Bocas del Toro of the University of Panama, both in Changuinola.</p> 
<p>2</p> <p>5:00 PM - 6:00 PM</p>		<p>Twenty-Third Math Webinar in English</p> <p>The twenty-third Math Webinar in English took place on Thursday, March 2nd, 2023 from 5 pm until 6 pm with Chris Wright, founder of Early Family Math, as our invited speaker. This virtual event was free and open to the general public.</p> <p>In this twenty-third Math Webinar in English, Chris Wright presented on “Early Family Math – at Home and at School”. The speaker highlighted the importance of families reading and doing mathematics with their children from early ages. Chris Wright showed three multiplication games, an activity with dice about number scramble and several games that involve counting, number ordering, addition and subtraction. The speaker recommended the materials available to download for free in Spanish and in English that appear in the website https://www.earlyfamilymath.org. This virtual event was co-organized by the Mathematical Association of America (MAA).</p> 
<p>4</p> <p>3:00 PM - 4:00 PM</p>		<p>Origami Workshop at the Mola Museum</p> <p>On Saturday, March 4th, 2023 we were invited by the Alberto Motta Foundation to run an origami workshop aimed at 8-year-old kids and above at the Mola Museum in Casco Antiguo.</p> 





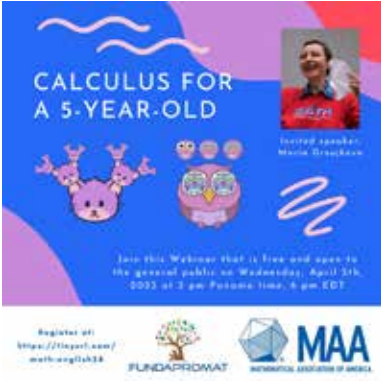



MARCH 2023

<p>11</p> <p>2:00 PM - 3:30 PM</p>		<p>Math Jamboree #91</p> <p>The Math Jamboree #91 took place on Saturday, March 11th, 2023 from 2 pm until 3:30 pm. A Jamboree is a joyful and loud celebration or party. The Math Jamboree is an opportunity for the entire family to enjoy exploring the beauty and richness of mathematics by sharing their ideas on the recreational activity that we present during the virtual event.</p> <p>In this Math Jamboree #91, participants were separated into groups depending on whether they are kids or adults and explored the interactive activity called «On the Trail of Fossils» in an environment of collaboration and a lot of fun. This virtual event was free and open to the general public. We thank Julieta Parravicini for designing this activity for FUNDAPROMAT.</p> 
<p>12</p> <p>2:00 PM - 5:00 PM</p>		<p>Math Bazaar Celebrating the International Day of Mathematics</p> <p>On Sunday, March 12th, 2023 we celebrated the International Day of Mathematics with a Math Bazaar at the Dolphin Plaza in Albrook Mall, Panama City. This free in-person event for the entire family included the participation of the Explora Science and Art Center, the Spatial Sciences Innovation Center of Panama (CENACEP), IEEE Panama Section, the Scientific Research and High Technology Services Institute of Panama (INDICASAT AIP) and the Metrology National Center of Panama (CENAMEP AIP).</p> 
<p>17 18</p> <p>8:00 AM - 1:00 PM</p>		<p>International Symposium for Research in Science and Mathematics Education</p> <p>On Friday, March 17th and Saturday, March 18th, 2023 we helped with the local coordination of the International Symposium for Research in Science and Mathematics Education, organized by the International Consortium for Research in Science and Mathematics Education (ICRSME). This Symposium took place at the Convention Center of the City of Knowledge in Panama City and was aimed at science and math teachers of all academic levels, as well as organizations related to science and math that wanted to learn about innovative learning strategies.</p> 
<p>18</p> <p>2:00 PM - 3:00 PM</p>		<p>Origami Workshop at the City of Knowledge</p> <p>On Saturday, March 18th, 2023 we were invited by the International Consortium for Research in Science and Mathematics Education (ICRSME) to run an origami workshop aimed at 8-year-old kids and above at the Convention Center of the City of Knowledge in Panama City, as part of the International Symposium for Research in Science and Mathematics Education.</p> 

MARCH 2023

<p>19</p> <p>11:00 AM - 12:30 PM</p>	 <p>ENCUENTRO VIRTUAL CON MATEMÁTICOS SOBRESALIENTES</p> <p>Expositora invitada: Romina Busain, Profesora de Matemática y Física en el Instituto Mercedes Pacheco y en la Escuela de Educación Rural No. 61 en Argentina. Temas: Matemáticas Divertidas: Fracciones y Tangram.</p> <p>Este evento virtual es gratis y abierto a todo público.</p> <p>Fecha: domingo 13 de marzo de 2023 Horas: 11:00 a.m. Inscríbete en el Link: https://tinyurl.com/encuentro19</p> <p>FUNDAPROMAT</p>	<p>Fortieth Virtual Encounter with Outstanding Mathematicians</p> <p>The fortieth Virtual Encounter with Outstanding Mathematicians took place on Sunday, March 19th, 2023 from 11 am until 12:30 pm. Romina Busain, Professor of Mathematics and Physics at the Mercedes Pacheco Institute and at the School of Rural Education No. 61 in Argentina, was our invited speaker. This virtual event was free and open to the general public.</p> <p>On this fortieth Encounter, Romina Busain shared anecdotes of her personal life and her professional journey as a female mathematician. The speaker also presented on “Fun Math: Fractions and Tangram.” In this virtual event, Romina Busain explained the history of tangram, how the puzzle is constructed and what its benefits are. The speaker also described different types of tangram and invited the participants to explore this puzzle online in Mathigon, Tangram Master, Geoboard and GeoGebra.</p> 
<p>21</p> <p>7:00 PM - 9:00 PM</p>	 <p>MathsJam en Panamá</p> <p>Si eres mayor de 18 años de edad y quieres fortalecer tus habilidades matemáticas, ¡participa en nuestro</p> <p>MATHSJAM</p> <p>Fecha: martes 21 de marzo de 2023 Horas: 7:00 p.m. Lugar: Bar Dorada de Condado del Rey.</p> <p>FUNDAPROMAT</p>	<p>MathsJam in Panama #9</p> <p>On Tuesday, March 21st, 2023 from 7 pm until 9 pm the MathsJam in Panama took place, in which math enthusiasts who are 18 years old and above enjoyed exploring board games and interesting math puzzles in a pleasant environment where they had the opportunity to interact with other like-minded people. This in-person event, which is only for adults, took place in the bar La Rana Dorada of Condado del Rey, Panama City.</p> 
<p>23</p> <p>11:00 AM - 12:00 PM</p>	 <p>MATEMÁTICAS DIVERTIDAS para todos</p> <p>Conferencia inaugurada para todo público dictada por la Dr. Jeanette Shakalli.</p> <p>Fecha: jueves 23 de marzo de 2023 Horas: 11:00 a.m. Lugar: Sala de Actividades, Escuela Secundaria Benigno Tomás Argote en Boquete, Provincia de Chiriquí.</p> <p>FUNDAPROMAT</p>	<p>Fun Math For All in Chiriqui</p> <p>On Thursday, March 23rd, 2023 the keynote speech “Fun Math For All” took place from 11 am until 12 pm at the Audiovisual Room of the Benigno Tomas Argote High School in Boquete, Province of Chiriqui. This free in-person event aimed at teachers was given by our Executive Director, Dr. Jeanette Shakalli.</p> 
<p>24</p> <p>10:00 AM - 1:00 PM</p>	 <p>CARNAVAL DE MATEMÁTICAS EN CHIRIQUÍ</p> <p>Evento gratis para toda la familia con juegos divertidos, talleres y más! No olviden sus ropas matemáticas preferidas!</p> <p>Fecha: viernes 24 de marzo de 2023 Horas: 10:00 a.m. a 1:00 p.m. Lugar: Biblioteca de Boquete.</p> <p>FUNDAPROMAT</p>	<p>Math Carnival in Chiriqui</p> <p>On Friday, March 24th, 2023 from 10 am until 1 pm we ran a Math Carnival full of fun math activities for all ages. This free in-person event for the entire family highlighted the female Panamanian mathematicians Marleny Vargas, Aisa Castillo and Lilia Pitti and took place at the Boquete Library, Province of Chiriqui.</p> 

MARCH - APRIL 2023

<p style="font-size: 2em; text-align: center;">25</p> <p>10:00 AM - 3:30 PM</p>	 <p>¿Qué es FMC? Es la categoría donde la destreza y capacidad de razonamiento vence a la velocidad. Próximo torneo FMC Latin America 2023 FUNDAPROMAT Academia Interamericana de Panamá 10:00 a.m. - 3:30 p.m. Cada competidor dispone de: • 1 hora para encontrar la mejor solución a una mezcla dada • 3 cubos con los que puede probar diferentes soluciones 25 de MARZO</p>	<h3>3x3x3 Rubik's Cube Fewest Moves Competition (FMC Latin America 2023)</h3> <p>On Saturday, March 25th, 2023 we helped with the local coordination of the 3x3x3 Rubik's Cube Fewest Moves Competition (FMC Latin America 2023), organized by the Panamanian Delegate of the World Cube Association, Egdar Rolando Castillo Gonzalez. This international competition took place at the Interamerican Academy of Panama in Costa del Este.</p> 
<p style="font-size: 2em; text-align: center;">1</p> <p>11:00 AM - 12:00 PM</p>	 <p>SABADO 1 DE ABRIL 11:00 AM a 12:00 PM taller de ORIGAMI 11 AÑOS EN ADELANTE PANAMA AMERICAN CENTER REGISTRO GRATUITO REQUERIDO</p>	<h3>Origami Workshop at the Panama American Center</h3> <p>On Saturday, April 1st, 2023 we were invited by the United States Embassy in Panama to run an origami workshop aimed at 8-year-old kids and above at the Panama American Center in the City of Knowledge, Panama City.</p> 
<p style="font-size: 2em; text-align: center;">5</p> <p>5:00 PM - 6:00 PM</p>	 <p>CALCULUS FOR A 5-YEAR-OLD Invited speaker: Maria Droujkova Join this Webinar that is free and open to the general public on Wednesday, April 5th, 2023 at 2 pm Panama time, 5 pm EDT. Register at: https://tinyurl.com/math-english FUNDAPROMAT MAA MATHEMATICAL ASSOCIATION OF AMERICA</p>	<h3>Twenty-Fourth Math Webinar in English</h3> <p>The twenty-fourth Math Webinar in English took place on Wednesday, April 5th, 2023 from 5 pm until 6 pm with Maria Droujkova, founder of Natural Math, as our invited speaker. This virtual event was free and open to the general public.</p> <p>In this twenty-fourth Math Webinar in English, Maria Droujkova presented on "Calculus for a 5-year-old". The speaker explained that Natural Math is an educational design, consulting and publishing organization that started in 1996. Maria Droujkova shared several hands-on activities that help make math concepts such as integrals, limits and fractals, accessible to 5-year-olds. This virtual event was co-organized by the Mathematical Association of America (MAA).</p> 
<p style="font-size: 2em; text-align: center;">8</p> <p>2:00 PM - 3:00 PM</p>	 <p>INTRODUCCIÓN A DESMOS Fecha: sábado 6 de abril de 2023 Hora: 2:00 p.m. Inscríbete en: https://tinyurl.com/intro-desmos Expositor: Oscar Perales Webinario gratis y dirigido a docentes FUNDAPROMAT desmos</p>	<h3>Webinar on Introduction to Desmos</h3> <p>The Webinar on Introduction to Desmos took place on Saturday, April 8th, 2023 from 2 pm until 3 pm, with Dr. Oscar Perales, Math Advance Team Specialist of Desmos, as our invited speaker. This virtual event was free and aimed at educators.</p> <p>The invited speaker described how we can use technology to improve the teaching and learning experience. Dr. Oscar Perales explained how Desmos started with a graphic calculator (Desmos Studio) and later enabled featured collections of activities in Desmos Classroom, that can be accessed for free. The speaker also clarified that opening a Desmos account is free and invited the participants to continue exploring the free resources that Desmos offers on their website https://www.desmos.com/?lang=es. This virtual event was co-organized with Desmos.</p> 








APRIL - MAY 2023







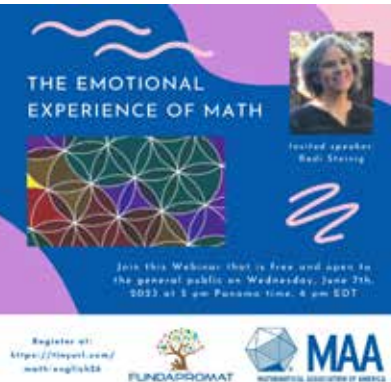

<p>12</p> <p>5:00 PM - 5:30 PM</p>	 <p>ORIGAMI</p> <p>Fecha: miércoles 12 de abril de 2023</p> <p>Hora: 5:00 p.m.</p> <p>Modelo: Sobre de carta</p> <p>Materiales: una hoja de papel tamaño carta</p> <p>Invitada especial: Janeth Martinez</p> <p>FUNDAPROMAT LIVE @fundapromat</p>	<p>Origami with Janeth Martinez #4</p> <p>The Origami Facebook Live with Janeth Martinez #4 took place on Wednesday, April 12th, 2023 from 5 pm until 5:30 pm. The special guest of this event was our volunteer Janeth Martinez from Panama.</p> <p>In this Facebook Live, Janeth Martinez taught us how to fold an envelope, which is a traditional origami model. The participants needed one sheet of 8.5 x 11 paper. You can watch the video by visiting our Facebook account: @fundapromat or by clicking here.</p> 
<p>23</p> <p>3:00 PM - 6:00 PM</p>	 <p>Stand de FUNDAPROMAT en la Celebración del Día del Libro 2023</p> <p>El pasado domingo 23 de abril fuimos invitados por la Cámara Panameña del Libro (CAPALI) a compartir con los participantes de la Celebración del Día del Libro 2023 en el Parque Andrés Bello.</p> <p>CÁMARA PANAMEÑA DEL LIBRO FUNDAPROMAT</p>	<p>FUNDAPROMAT Stand at the Book Day Celebration 2023</p> <p>On Sunday, April 23rd, 2023 we were invited by the Panamanian Book Chamber (CAPALI) to have a stand from 3 pm until 6 pm in the Book Day Celebration 2023 with fun math activities. This in-person event took place at the Andres Bello Park, Panama City.</p> 
<p>27</p> <p>6:00 PM - 9:00 PM</p>	 <p>Stand de FUNDAPROMAT en la Expo Diseño 2023</p> <p>El pasado jueves 27 de abril fuimos invitados por la Universidad del Arte Ganexa a compartir con los participantes de la Expo Diseño 2023 en el Salón La Galería de la Universidad del Arte Ganexa.</p> <p>UNIVERSIDAD DEL ARTE GANEXA FUNDAPROMAT</p>	<p>FUNDAPROMAT Stand at the Expo Design 7.0</p> <p>On Thursday, April 27th, 2023 we were invited by the Ganexa Art University to have a stand from 6 pm until 9 pm in the Expo Design 7.0 with fun math activities. This in-person event took place at the Galeria Room of the Ganexa Art University.</p> 
<p>10</p> <p>5:00 PM - 6:00 PM</p>	 <p>USING VIRTUAL MANIPULATIVES FOR MATH EXPLORATION AND DISCOVERY</p> <p>Invited speaker: David Poras</p> <p>Mathigon</p> <p>Join this Webinar that is free and open to the general public on Wednesday, May 10th, 2023 at 3 pm Panama time, 4 pm EDT</p> <p>Register at: https://tinyurl.com/math-eg11922</p> <p>FUNDAPROMAT MAA MATHEMATICAL ASSOCIATION OF AMERICA</p>	<p>Twenty-Fifth Math Webinar in English</p> <p>The twenty-fifth Math Webinar in English took place on Wednesday, May 10th, 2023 from 5 pm until 6 pm with David Poras, Senior Product Director for Mathigon, as our invited speaker. This virtual event was free and open to the general public.</p> <p>In this twenty-fifth Math Webinar in English, David Poras presented on “Using Virtual Manipulatives for Math Exploration and Discovery”. Through various concrete examples, the speaker explained how virtual manipulatives allow us to teach creativity and problem-solving, make abstract relations visible, and perform more complex interactions that are not possible in the physical world. David Poras also described how to use Polypad, a free online resource to use virtual manipulatives. This virtual event was co-organized by the Mathematical Association of America (MAA) and Mathigon.</p> 

MAY 2023








<p>11</p> <p>9:00 AM - 12:00 PM</p>		<h3>Origami Workshops at the Spanish Cultural Center</h3> <p>On Thursday, May 11th, 2023 we were invited by the Spanish Embassy in Panama to run two origami workshops aimed at 10 to 12 year olds at the Spanish Cultural Center in Casco Antiguo, Panama City.</p> 
<p>13</p> <p>2:00 PM - 3:30 PM</p>		<h3>Webinar on Research on Dyscalculia and Math Learning</h3> <p>The Webinar on Research on Dyscalculia and Math Learning took place on Saturday, May 13th, 2023 from 2 pm until 3:30 pm, with Andres Rieznik, mathematician and researcher of the National Scientific and Technical Research Council (CONICET) of Argentina, as our invited speaker. This virtual event was free and open to the general public.</p> <p>The invited speaker explained that dyscalculia is a specific difficulty in arithmetic learning. Andres Rieznik mentioned that dyscalculia is a forgotten chapter of neuropsychology and that it should not be confused with math anxiety. The speaker described how psychopedagogues detect and diagnose people with dyscalculia and commented on several interventions that are used. Andres Rieznik also recommended the Mora App for Android, which is also used by kids with dyscalculia, even though the App is designed for 6-8 year-old kids to learn mathematics while playing.</p> 
<p>20</p> <p>2:00 PM - 5:00 PM</p>		<h3>FUNDAPROMAT Stand at Offline Warriors 3</h3> <p>On Saturday, May 20th, 2023 we were invited by SMASHITO Panama to have a stand with fun math activities from 2 pm until 5 pm in Offline Warriors 3 at the Convention Center of the City of Knowledge. In this in-person event, gamer communities ran tournaments and promoted science, technology, engineering, art and the culture of digital entertainment.</p> 
<p>23</p> <p>7:00 PM - 9:00 PM</p>		<h3>MathsJam in Panama #10</h3> <p>On Tuesday, May 23rd, 2023 from 7 pm until 9 pm, the MathsJam in Panama took place, in which math enthusiasts who are 18 years old and above enjoyed exploring board games and interesting math puzzles in a pleasant environment where they had the opportunity to interact with other like-minded people. This in-person event, which is only for adults, took place in the bar La Rana Dorada of Condado del Rey, Panama City.</p> 








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<p>26</p> <p>11:00 AM - 12:00 PM</p>		<p>Fun Math For All in Darien</p> <p>On Friday, May 26th, 2023 the keynote speech “Fun Math For All” from 11 am until 12 pm took place at the Bellagio Restaurant in Meteti, Province of Darien. This free in-person event aimed at teachers was given by our Executive Director, Dr. Jeanette Shakalli.</p> 
<p>27</p> <p>2:00 PM - 3:30 PM</p>		<p>Math Jamboree #92</p> <p>The Math Jamboree #92 took place on Saturday, May 27th, 2023 from 2 pm until 3:30 pm. A Jamboree is a joyful and loud celebration or party. The Math Jamboree is an opportunity for the entire family to enjoy exploring the beauty and richness of mathematics by sharing their ideas on the recreational activity that we present during the virtual event.</p> <p>In this Math Jamboree #92, participants were separated into groups depending on whether they are kids or adults and explored the interactive activity called «Divide and Build» in an environment of collaboration and a lot of fun. This virtual event was free and open to the general public. We thank Marleny Vargas for designing this activity for FUNDAPROMAT.</p> 
<p>1</p> <p>9:00 AM - 12:00 PM</p>		<p>FUNDAPROMAT Stand at the XVII Book, Art and Culture Municipal Fair</p> <p>On Thursday, June 1st, 2023 we were invited by the Municipality of Panama to have a stand with fun math activities from 9 am until 12 pm in the XVII Book, Art and Culture Municipal Fair. This free in-person event took place on the ground floor of the Hatillo Building of the Municipality of Panama.</p> 
<p>3</p> <p>10:00 AM - 12:00 PM</p>		<p>Math Party with the Gabriel Lewis Galindo Foundation</p> <p>On Saturday, June 3rd, 2023 we were invited by the Gabriel Lewis Galindo Foundation to run a Math Party in the Gabriel Lewis Galindo Bilingual Educational Center in San Miguelito, Panama City. This free in-person event for the entire family included fun math activities accessible for all ages.</p> 







<p style="text-align: center; font-size: 2em; font-weight: bold;">3</p> <p style="text-align: center;">2:00 PM - 3:00 PM</p>		<p>Webinar on Introduction to Ethnomathematics</p> <p>The Webinar on Introduction to Ethnomathematics took place on Saturday, June 3rd, 2023 from 2 pm until 3 pm, with Dr. Ximena Catepillan, Professor Emeritus of Mathematics at Millersville University in Pennsylvania, as our invited speaker. This virtual event was free and open to the general public.</p> <p>The invited speaker explained that ethnomathematics is the connection between culture, history and mathematics. Dr. Ximena Catepillan showed different representations of number systems all over the world: additive (for example: Egyptian and Aztec), alphabetical (for example: Greek), multiplicative (for example: Ancient Chinese) and positional (for example: Hindu-Arabic). The speaker then described number systems of different bases, such as: the binary system, the quinary system of Brazil and the Mayan vigesimal system. Dr. Ximena Catepillan also defined dactylonomy as the technique of counting with your fingers and analyzed how people from different countries count from 1 to 5 using only one hand.</p> 
<p style="text-align: center; font-size: 2em; font-weight: bold;">4</p> <p style="text-align: center;">11:00 AM - 12:30 PM</p>		<p>Forty-First Virtual Encounter with Outstanding Mathematicians</p> <p>The forty-first Virtual Encounter with Outstanding Mathematicians took place on Sunday, June 4th, 2023 from 11 am until 12:30 pm. Raquel Tovar, teacher at the Ford 17 Professor Ursula Villarreal Primary School and at the Professor Rafael Tejeda Puentes School in Mexico, was our invited speaker. This virtual event was free and open to the general public.</p> <p>In this forty-first Encounter, Raquel Tovar shared anecdotes of her personal life and her professional journey as a female mathematician. The speaker also presented on “Teaching Math through Recreational Activities.” In this virtual event, Raquel Tovar explained that recreational activities are those whose objective is to have fun and enjoy, instead of accomplish a task or a specific function. The speaker commented that these activities can include games, sports, crafts, music, dance, theater, among others. Raquel Tovar mentioned that recreational activities can help develop a wide variety of math abilities, such as problem solving, critical thinking, numerical skills, geometry and measurements, and spatial thinking.</p> 
<p style="text-align: center; font-size: 2em; font-weight: bold;">6</p> <p style="text-align: center;">5:00 PM - 5:30 PM</p>		<p>Kirigami with Miriam Baez #3</p> <p>The Kirigami Facebook Live with Miriam Baez #3 took place on Tuesday, June 6th, 2023 from 5 pm until 5:30 pm. The special guest of this event was the math communicator Miriam Baez from Mexico.</p> <p>In this Facebook Live, Miriam Baez taught us how to fold serial bridges, which is a traditional kirigami model. The participants needed two printer paper sheets, glue, scissors, a ruler and a pencil. You can watch the video by visiting our Facebook account: @fundapromat or by clicking here.</p> 
<p style="text-align: center; font-size: 2em; font-weight: bold;">7</p> <p style="text-align: center;">5:00 PM - 6:00 PM</p>		<p>Twenty-Sixth Math Webinar in English</p> <p>The twenty-sixth Math Webinar in English took place on Wednesday, June 7th, 2023 from 5 pm until 6 pm with Rodi Steinig, the Founding Director of the Math Renaissance Math Circle, as our invited speaker. This virtual event was free and open to the general public.</p> <p>In this twenty-sixth Math Webinar in English, Rodi Steinig presented on “The Emotional Experience of Math”. The speaker explained why math evokes strong emotions in people. In this virtual event, participants played “Never Have I Ever” to calculate our own Emotional Mathematics Experiences (EMEs) score. Rodi Steinig then shared findings and recommendations from her own observations and experiences and from some writings of experts in human rights, emotional development, education and mathematics instruction. This virtual event was co-organized by the Mathematical Association of America (MAA).</p> 

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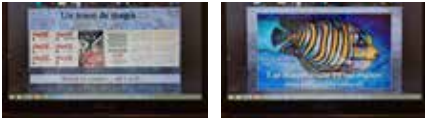






<p>10</p> <p>2:00 PM - 4:00 PM</p>		<h3>Math Party with the Spanish Embassy in Panama</h3> <p>On Saturday, June 10th, 2023 we were invited by the Spanish Embassy in Panama to run a Math Party in the Spanish Cultural Center in Casco Antiguo, Panama City. This free in-person event for the entire family included fun math activities accessible for all ages.</p> 
<p>12</p> <p>11:00 AM - 12:00 PM</p>		<h3>Magic and Math in Darien</h3> <p>On Monday, June 12th, 2023 the keynote speech “Magic and Math” from 11 am until 12 pm took place at the Bellagio Restaurant in Meteti, Province of Darien. This free in-person event for the entire family was given by our international speaker Arthur Benjamin from the United States.</p> 
<p>13</p> <p>11:00 AM - 12:00 PM</p>		<h3>Magic and Math in Colon</h3> <p>On Tuesday, June 13th, 2023 the keynote speech “Magic and Math” from 11 am until 12 pm took place at the Conference Room of the Colon site of the Santa Maria La Antigua University (USMA). This free in-person event for the entire family was given by our international speaker Arthur Benjamin from the United States.</p> 
<p>14</p> <p>11:00 AM - 12:00 PM</p>		<h3>Magic and Math in Veraguas</h3> <p>On Wednesday, June 14th, 2023 the keynote speech “Magic and Math” from 11 am until 12 pm took place at the Stanford Hill Library in the Veraguas University Extension of the Specialized University of the Americas (UDELAS). This free in-person event for the entire family was given by our international speaker Arthur Benjamin from the United States.</p> 

<p style="text-align: center; font-size: 2em; font-weight: bold;">15</p> <p>11:00 AM - 12:00 PM</p>		<h3>Magic and Math in Azuero</h3> <p>On Thursday, June 15th, 2023 the keynote speech “Magic and Math” from 11 am until 12 pm took place at the Conference Room I of the Regional Center of Azuero of the Technological University of Panama (UTP). This free in-person event for the entire family was given by our international speaker Arthur Benjamin from the United States.</p> 
<p style="text-align: center; font-size: 2em; font-weight: bold;">16</p> <p>11:00 AM - 12:00 PM</p>		<h3>Magic and Math in Coclé</h3> <p>On Friday, June 16th, 2023 the keynote speech “Magic and Math” from 11 am until 12 pm took place at the John Y. Keffer Auditorium of El Caimito Academia Forum Foundation in Penonome, Province of Coclé. This free in-person event for the entire family was given by our international speaker Arthur Benjamin from the United States.</p> 
<p style="text-align: center; font-size: 2em; font-weight: bold;">17</p> <p>11:00 AM - 12:00 PM</p>		<h3>Magic and Math in Panama</h3> <p>On Saturday, June 17th, 2023 the keynote speech “Magic and Math” from 11 am until 12 pm took place at the Miraflores Room of the Marriott Panama Hotel in Albrook Mall, Panama City. This free in-person event for the entire family was given by our international speaker Arthur Benjamin from the United States.</p> 
<p style="text-align: center; font-size: 2em; font-weight: bold;">17</p> <p>2:00 PM - 3:30 PM</p>		<h3>Math Jamboree #93</h3> <p>The Math Jamboree #93 took place on Saturday, June 17th, 2023 from 2 pm until 3:30 pm. A Jamboree is a joyful and loud celebration or party. The Math Jamboree is an opportunity for the entire family to enjoy exploring the beauty and richness of mathematics by sharing their ideas on the recreational activity that we present during the virtual event.</p> <p>In this Math Jamboree #93, participants were separated into groups depending on whether they are kids or adults and explored the interactive activity called “Painting Tiles” in an environment of collaboration and a lot of fun. This virtual event was free and open to the general public. We thank Ramon Martinez for designing this activity for FUNDAPROMAT.</p> 

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<p>17</p> <p>6:00 PM - 8:00 PM</p>	 <p>Meet & Greet Arthur Benjamin</p> <p>COMIENZO 8:00 PM INCLUYE LA CENA RESERVA GRATUITA</p> <p>RESERVA TU CUPO AHORA MISMO</p> <p>FUNDAPROMAT</p> <p>Fecha: sábado 17 de junio Hora: 8:00 p.m. Lugar: Cio Ragazzi de Costa del Este</p>	<h3>Meet & Greet Arthur Benjamin</h3> <p>On Saturday, June 17th, 2023 the Meet & Greet Arthur Benjamin took place, which was a fundraising dinner to gather donations to cover the FUNDAPROMAT projects, in which participants had the opportunity to share with our international guest while enjoying an exquisite dinner at the Cio Ragazzi restaurant in Costa del Este.</p> 
<p>20</p> <p>7:00 PM - 9:00 PM</p>	 <p>Si eres mayor de 18 años de edad y quieres fortalecer tus habilidades mentales, ¡participa en nuestro</p> <p>MATHSJAM</p> <p>Fecha: martes 20 de junio de 2023 Hora: 7:00 p.m. Lugar: Bará Dorada de Condado del Rey</p> <p>FUNDAPROMAT</p>	<h3>MathsJam in Panama #11</h3> <p>On Tuesday, June 20th, 2023 from 7 pm until 9 pm the MathsJam in Panama took place, in which math enthusiasts who are 18 years old and above enjoyed exploring board games and interesting math puzzles in a pleasant environment where they had the opportunity to interact with other like-minded people. This in-person event, which is only for adults, took place in the bar La Rana Dorada of Condado del Rey, Panama City.</p> 
<p>21</p> <p>5:00 PM - 5:30 PM</p>	 <p>ORIGAMI</p> <p>Fecha: miércoles 21 de junio de 2023 Hora: 5:00 p.m. Modelo: Zorro</p> <p>Materiales: un cuadrado de papel de 15 cm x 15 cm y un marcador negro</p> <p>Invitada especial: Janeth Martínez</p> <p>FUNDAPROMAT</p> <p>LIVE @fundapromat</p>	<h3>Origami with Janeth Martinez #5</h3> <p>The Origami Facebook Live with Janeth Martinez #5 took place on Wednesday, June 21st, 2023 from 5 pm until 5:30 pm. The special guest of this event was our volunteer Janeth Martinez from Panama.</p> <p>In this Facebook Live, Janeth Martinez taught us how to fold a fox, which is a traditional origami model. The participants needed one 15 cm x 15 cm paper square and a black marker. You can watch the video by visiting our Facebook account: @fundapromat or by clicking here.</p> 
<p>22</p> <p>5:00 PM - 6:30 PM</p>	 <p>CLASE DE ORIGAMI</p> <p>Fecha: jueves 22 de junio de 2023 Hora: 5:00 p.m.</p> <p>Materiales: 8 cuadrados de papel de 15 cm x 15 cm</p> <p>Inscríbete en el Link: https://tinyurl.com/origami-102</p> <p>Experto: Matthew Green</p> <p>Modelo: Visitation, creado por el organizador</p>	<h3>Virtual Origami Class #102</h3> <p>The Virtual Origami Class #102 took place on Thursday, June 22nd, 2023 from 5 pm until 6:30 pm, with the origami artist Matthew Green as our invited speaker. This virtual event was free and open to the general public.</p> <p>For this class, participants needed eight 15 cm x 15 cm paper squares. Matthew Green then taught how to fold a mandala named "Visitation", which is an origami model created by the speaker. This origami design is appropriate for 8-year-olds and above.</p> 

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<p style="font-size: 48pt; text-align: center;">24</p> <p style="text-align: center;">2:00 PM - 3:00 PM</p>		<h3>Webinar on The Mathematics in your Hands</h3> <p>The Webinar on The Mathematics in your Hands took place on Saturday, June 24th, 2023 from 2 pm until 3 pm, with Raul Ibañez, Professor of Mathematics at the University of the Basque Country in Spain and science communicator, as our invited speaker. This virtual event was free and open to the general public.</p> <p>The invited speaker began the virtual event by describing the origin of the concept of numbers and mentioned that counting with our fingers, and even with other body parts, is a universal activity that has been practiced by all the people of the world, throughout time. Raul Ibañez then explained the different ways of counting with our fingers from a cultural perspective, showing the techniques that have been developed in diverse cultural and geographic settings. The speaker also showed a magic trick based on binary numbers.</p> 
<p style="font-size: 48pt; text-align: center;">25</p> <p style="text-align: center;">11:00 PM - 12:30 PM</p>		<h3>Origami Workshop at the Multiplaza Branch of El Hombre de la Mancha</h3> <p>On Sunday, June 25th, 2023 we were invited by El Hombre de la Mancha to run an origami workshop aimed at 8 year olds and above at the Multiplaza branch of El Hombre de la Mancha, Panama City.</p> 
<p style="font-size: 48pt; text-align: center;">29</p> <p style="text-align: center;">6:30 AM - 2:30 PM</p>		<h3>Road Trip to West Panama</h3> <p>On Thursday, June 29th, 2023 a FUNDAPROMAT road trip took place, in which we talked to directors and teachers from the following academic centers in the province of West Panama:</p> <ul style="list-style-type: none"> - Juan Pablo II Bilingual School in La Chorrera - Los Pininos Center of Integral Attention to Early Childhood (CAIPI) of the National Police of La Chorrera - Guadalupe Anglo French School in La Chorrera - The Oxford School - Costa Verde in La Chorrera - San Martin de Porres School in La Chorrera - William Shakespeare Bilingual School in La Chorrera 
<p style="font-size: 48pt; text-align: center;">1</p> <p style="text-align: center;">2:00 PM - 3:00 PM</p>		<h3>Webinar on Parabolas</h3> <p>The Webinar on Parabolas took place on Saturday, July 1st, 2023 from 2 pm until 3 pm, with Dr. Gregorio Moreno, Professor of Mathematics at the Pontifical Catholic University of Chile, as our invited speaker. This virtual event was free and open to the general public.</p> <p>The invited speaker began the virtual event by defining what a parabola is. Gregorio Moreno then described several examples of where we can find parabolas, like in hanging bridges, in water flow, in satellite dishes, among others. The speaker also mentioned how parabolas were discovered by different cultures independently and what their relation is with optimization problems.</p> 

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<p style="text-align: center; font-size: 2em; font-weight: bold;">5</p> <p style="text-align: center;">5:00 PM - 6:00 PM</p>		<h3>Twenty-Seventh Math Webinar in English</h3> <p>The twenty-seventh Math Webinar in English took place on Wednesday, July 5th, 2023 from 5 pm until 6 pm with Susan Goldstine, mathematics professor and artist at St. Mary's College of Maryland, as our invited speaker. This virtual event was free and open to the general public.</p> <p>In this twenty-seventh Math Webinar in English, Susan Goldstine presented on "Number Sequences in Knitting and Crochet". The speaker explained that when we knit or crochet, we usually add stitches in rows to create a fabric surface. Susan Goldstine mentioned that if we use the same number of stitches in each row, we make a simple rectangle. The speaker showed several ways that exist to change the number of stitches per row to create more complicated fabrics and shared various examples of spectacular shapes that we can create if we incorporate interesting number sequences into the stitch counts. This virtual event was co-organized by the Mathematical Association of America (MAA).</p> 
<p style="text-align: center; font-size: 2em; font-weight: bold;">16</p> <p style="text-align: center;">2:00 PM - 5:00 PM</p>		<h3>FUNDAPROMAT Stand at the Children's Day Celebration in Explora</h3> <p>On Sunday, July 16th, 2023 we were invited by the Explora Science and Art Center to have a stand with fun math activities from 2 pm until 5 pm in the Children's Day Celebration. This free in-person event for the entire family took place at the Explora Science and Art Center in Condado del Rey, Panama City.</p> 
<p style="text-align: center; font-size: 2em; font-weight: bold;">18</p> <p style="text-align: center;">7:00 PM - 9:00 PM</p>		<h3>MathsJam in Panama #12</h3> <p>On Tuesday, July 18th, 2023 from 7 pm until 9 pm the MathsJam in Panama took place, in which math enthusiasts who are 18 years old and above enjoyed exploring board games and interesting math puzzles in a pleasant environment where they had the opportunity to interact with other like-minded people. This in-person event, which is only for adults, took place in the bar La Rana Dorada of Condado del Rey, Panama City.</p> 
<p style="text-align: center; font-size: 2em; font-weight: bold;">20</p> <p style="text-align: center;">2:00 PM - 3:00 PM</p>		<h3>Origami Workshop for the Barraza New Generation Movement</h3> <p>On Thursday, July 20th, 2023 we were invited by the New Generation Movement to run an origami workshop to a group of 9 to 12 year olds in the Child Care Center (CAI) of Barraza, located in El Chorrillo. The New Generation Movement is a social community-based organization that works on integral prevention, aimed at children and teenagers that find themselves in a situation of vulnerability.</p> 

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<p style="font-size: 48pt; text-align: center;">22</p> <p style="text-align: center;">2:00 PM - 3:30 PM</p>		<h3>Math Jamboree #94</h3> <p>The Math Jamboree #94 took place on Saturday, July 22nd, 2023 from 2 pm until 3:30 pm. A Jamboree is a joyful and loud celebration or party. The Math Jamboree is an opportunity for the entire family to enjoy exploring the beauty and richness of mathematics by sharing their ideas on the recreational activity that we present during the virtual event.</p> <p>In this Math Jamboree #94, participants were separated into groups depending on whether they are kids or adults and explored the interactive activity called “<u>Champions!</u>” in an environment of collaboration and a lot of fun. This virtual event was free and open to the general public. We thank Marleny Vargas for designing this activity for FUNDAPROMAT.</p> 
<p style="font-size: 48pt; text-align: center;">27</p> <p style="text-align: center;">6:00 PM - 7:00 PM</p>		<h3>Fun Math For All at the Virtual Consular Encounter of Colombia</h3> <p>On Thursday, July 27th, 2023 the keynote speech “Fun Math For All” took place from 6 pm until 7 pm in the Virtual Consular Encounter of Colombia. This virtual event organized by the Colombian Consulate in Panama was given by our Executive Director, Dr. Jeanette Shakalli.</p> 
<p style="font-size: 48pt; text-align: center;">29</p> <p style="text-align: center;">1:00 PM - 3:00 PM</p>		<h3>FUNDAPROMAT Stand at the 18-Year Anniversary of the Panamerican Association for the Conservation (APPC)</h3> <p>On Saturday, July 29th, 2023 we were invited by the City of Knowledge Foundation to have a stand with fun math activities from 1 pm until 3 pm in the 18-Year Anniversary of the Panamanian Association for the Conservation (APPC). This free in-person event for the entire family took place at the Urban Market of the City of Knowledge, Panama City.</p> 
<p style="font-size: 48pt; text-align: center;">29</p> <p style="text-align: center;">2:00 PM - 4:00 PM</p>		<h3>GeoGebra Workshop for Educators</h3> <p>The GeoGebra Workshop for Educators took place on Saturday, July 29th, 2023 from 2 pm until 4 pm, with Lenin Hernandez, educator at the Panamanian Commercial Institute and Professor of Mathematics at the Technological University of Panama (UTP), as our invited speaker. This virtual event was free and aimed at educators who teach mathematics to 12-18 year-old students.</p> <p>The speaker began the virtual event by explaining that GeoGebra is a software that allows a connection between geometry and algebra in a visual way. Lenin Hernandez focused on three main topics in this workshop: proportionality, quadratic function and cube of a binomial.</p> 

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<p>10</p> <p>5:00 PM - 6:00 PM</p>		<h3>Twenty-Eighth Math Webinar in English</h3> <p>The twenty-eighth Math Webinar in English took place on Thursday, August 10th, 2023 from 5 pm until 6 pm with the recreational mathematician Adam Atkinson as our invited speaker. This virtual event was free and open to the general public.</p> <p>In this twenty-eighth Math Webinar in English, Adam Atkinson presented on “Maths and Sculpture”. The speaker shared a mathematical story about the sculptor Pinuccio Sciola. This virtual event was co-organized by the Mathematical Association of America (MAA).</p> 
<p>11-13</p> <p>3:00 PM - 7:00 PM</p>		<h3>National Rubik's Cube Championship (Panama Nationals 2023)</h3> <p>From Friday, August 11th until Sunday, August 13th, 2023 we helped with the local coordination of the National Rubik's Cube Championship (Panama Nationals 2023), organized by the Panamanian Delegate of the World Cube Association, Egdar Rolando Castillo Gonzalez. This international competition took place at the Interamerican Academy of Panama in Costa del Este.</p> 
<p>11</p> <p>6:00 PM - 8:00 PM</p>		<h3>Meet & Greet Sydney Weaver</h3> <p>On Friday, August 11th, 2023 the Meet & Greet Sydney Weaver took place, which was a fundraising dinner to gather donations to cover the FUNDAPROMAT projects, in which participants had the opportunity to share with our international guest while enjoying an exquisite dinner at the Ciao Ragazzi restaurant in Costa del Este.</p> 
<p>14</p> <p>7:00 PM - 9:00 PM</p>		<h3>Celebration of Olympic Students</h3> <p>On Monday, August 14th, 2023 we organized a special celebration for the team that represented Panama in the International Math Olympiad (IMO) 2023 in Japan in the Ciao Ragazzi Restaurant in Clayton. The Panamanian delegation consisted of the students Eidrian Perez, Adrian Frauca and Jorge Liu, who each received an Honorary Mention and were accompanied by Luis Peña as leader and Luis Modes as co-leader.</p> 

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<p>15</p> <p>10:00 AM - 11:00 AM</p>	<p>Visita a FANLYC</p> <p>El pasado martes 15 de agosto de 2023 realizamos dos actividades divertidas de matemáticas con los pequeños de la Fundación Amigos del Niño con Leucemia y Cáncer (FANLYC), que es una organización sin fines de lucro que apoya el bienestar y el tratamiento de los niños con cáncer en Panamá.</p> 	<p>Visit to FANLYC</p> <p>On Tuesday, August 15th, 2023 we were invited by the Friends of Kids with Leucemia and Cancer Foundation (FANLYC) to run two fun math activities for the little ones of the Foundation. FANLYC is a non-profit organization that supports the well-being and the treatment of children with cancer in Panama.</p> 
<p>17</p> <p>5:00 PM - 6:00 PM</p>	<p>CLASE DE ORIGAMI</p> <p>Fecha: jueves 17 de agosto de 2023 Hora: 5:00 p.m. Materiales: un cuadrado de papel de 15 cm x 15 cm Inscríbete en el link: https://tinyurl.com/origami-103</p> <p>Expositor: Matthew Green Modelo: Elefante, creado por Enrique Martínez</p> 	<p>Virtual Origami Class #103</p> <p>The Virtual Origami Class #103 took place on Thursday, August 17th, 2023 from 5 pm until 6 pm, with the origami artist Matthew Green as our invited speaker. This virtual event was free and open to the general public.</p> <p>For this class, participants needed one 15 cm x 15 cm paper square. Matthew Green then taught how to fold an elephant, which is an origami model created by Enrique Martínez. This origami design is appropriate for 8-year-olds and above.</p> 
<p>19-20</p> <p>9:00 AM - 7:00 PM</p>	<p>VISITA EL STAND DE FUNDAPROMAT EN EL RINCÓN 2 ATLAPA</p> <p>Sábado 19 y Domingo 20 de agosto 9:00 a.m. - 7:00 p.m.</p> <p>Foro Internacional del Libro de Panamá CASA PANAMINTE DEL LIBRO</p> 	<p>FUNDAPROMAT Stand at the International Book Fair</p> <p>On Saturday, August 19th and Sunday, August 20th, 2023 we were invited by the Panamanian Book Chamber (CAPALI) to have a stand with two tables full of fun math activities from 9 am until 7 pm in the International Book Fair. This in-person event took place at the Atlapa Convention Center, Panama City.</p> 
<p>22</p> <p>7:00 PM - 9:00 PM</p>	<p>MATHSJAM</p> <p>Si eres mayor de 18 años de edad y quieres fortalecer tus habilidades matemáticas, participa en nuestro</p> <p>Fecha: martes 22 de agosto de 2023 Hora: 7:00 p.m. Lugar: Rana Dorada de Condado del Rey</p> 	<p>MathsJam in Panama #13</p> <p>On Tuesday, August 22nd, 2023 from 7 pm until 9 pm the MathsJam in Panama took place, in which math enthusiasts who are 18 years old and above enjoyed exploring board games and interesting math puzzles in a pleasant environment where they had the opportunity to interact with other like-minded people. This in-person event, which is only for adults, took place in the bar La Rana Dorada of Condado del Rey, Panama City.</p> 







AUGUST 2023

<p>26</p> <p>10:00 AM - 11:00 AM</p>	 <p>Taller para Casa Esperanza</p> <p>El pasado sábado 26 de agosto de 2023 fuimos invitados por Casa Esperanza a realizar un taller de matemáticas divertidas con origami a un grupo de niñas de 8 a 12 años de edad del Centro de Atención Integral de Casa Esperanza en Calidonia.</p>	<h3>Origami Workshop for Casa Esperanza</h3> <p>On Saturday, August 26th, 2023 we were invited by Casa Esperanza to run an origami workshop for a group of 8 to 12 year olds at the Integral Attention Center of Casa Esperanza in Calidonia.</p> 
<p>26</p> <p>2:00 PM - 3:30 PM</p>	 <p>JOLGORIO MATEMATICO</p> <p>El sábado 26 de agosto a las 2 pm explora con toda tu familia la divertida actividad "Acuarios".</p> <p>Inscríbete en https://t.me/fundapromat</p>	<h3>Math Jamboree #95</h3> <p>The Math Jamboree #95 took place on Saturday, August 26th, 2023 from 2 pm until 3:30 pm. A Jamboree is a joyful and loud celebration or party. The Math Jamboree is an opportunity for the entire family to enjoy exploring the beauty and richness of mathematics by sharing their ideas on the recreational activity that we present during the virtual event.</p> <p>In this Math Jamboree #95, participants were separated into groups depending on whether they are kids or adults and explored the interactive activity called "Aquariums" in an environment of collaboration and a lot of fun. This virtual event was free and open to the general public. We thank Jeanette Shakalli and Rafa Oliver for designing this activity for FUNDAPROMAT.</p> 
<p>26</p> <p>2:00 PM - 5:00 PM</p>	 <p>VISITA EL STAND DE FUNDAPROMAT</p> <p>Festival de arte : Tributo a mi tierra "Colombia y sus Colores"</p> <p>Agosto 26 2023</p> <p>2 pm - 5 pm</p>	<h3>FUNDAPROMAT Stand at the Art Festival: Colombia and her Colors</h3> <p>On Saturday, August 26th, 2023 we were invited by the Colombian Consulate in Panama to have a stand with fun math activities from 2 pm until 5 pm in the Art Festival: Colombia and her Colors. This free in-person event for the entire family took place at Atrio Costa del Este, Panama City.</p> 
<p>27</p> <p>2:00 PM - 5:00 PM</p>	 <p>CARNAVAL DE MATEMÁTICAS EN PANAMÁ ESTE</p> <p>Evento gratuito para toda la familia con juegos divertidos, sorpresas y mucho más con las increíbles matemáticas gamificadas.</p> <p>Janeth Martínez, Yandra González, Astrid Acosta</p> <p>Fecha: Domingo 27 de agosto de 2023 Hora: 2:00 p.m. a 5:00 p.m. Lugar: Megamall Panamá, Estrada Anil de Tecnología Frente a la Oca Taca</p>	<h3>Math Carnival in East Panama</h3> <p>On Sunday, August 27th, 2023 from 2 pm until 5 pm we ran a Math Carnival in East Panama full of fun math activities for all ages. This free in-person event for the entire family highlighted the female Panamanian mathematicians Janeth Martinez, Yandra Gonzalez and Astrid Acosta and took place at Megamall Panama, East Panama.</p> 






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<p style="font-size: 2em; font-weight: bold;">30</p> <p>5:00 PM - 5:30 PM</p>		<h3>Kirigami with Miriam Baez #4</h3> <p>The Kirigami Facebook Live with Miriam Baez #4 took place on Wednesday, August 30th, 2023 from 5 pm until 5:30 pm. The special guest of this event was the math communicator Miriam Baez from Mexico.</p> <p>In this Facebook Live, Miriam Baez taught us how to fold parallelisms, which is a traditional kirigami model. The participants needed two printer paper sheets, glue and scissors. You can watch the video by visiting our Facebook account: @fundapromat or by clicking here.</p> 
<p style="font-size: 2em; font-weight: bold;">2</p> <p>9:30 AM - 11:00 AM</p>		<h3>FUNDAPROMAT Stand at the Exchange of Educators of the Hagamos Ciencia Program</h3> <p>On Saturday, September 2nd, 2023 we were invited by the National Secretariat of Science, Technology and Innovation of Panama (SENACYT) to have a stand of fun math activities from 9:30 am until 11 am in the Exchange of Educators of the Hagamos Ciencia Program. This in-person event took place at the Pedro J. Ameglio School in San Miguelito, Panama City.</p> 
<p style="font-size: 2em; font-weight: bold;">2</p> <p>2:00 PM - 3:00 PM</p>		<h3>Webinar on A Hidden Treasure in a Cloud of Dots</h3> <p>The Webinar on A Hidden Treasure in a Cloud of Dots took place on Saturday, September 2nd, 2023 from 2 pm until 3 pm, with Dr. Mario Ponce, Professor of Mathematics at the Pontifical Catholic University of Chile, as our invited speaker. This virtual event was free and open to the general public.</p> <p>The invited speaker explored the question if in a cloud of dots, you can join all the dots without crossing the lines and returning to the starting point. Dr. Mario Ponce then explained two methods of mathematical thought: existence and algorithm. The speaker also shared several examples of TSP art by Bob Bosch, where TSP stands for the travelling salesman problem.</p> 
<p style="font-size: 2em; font-weight: bold;">3</p> <p>11:30 AM - 12:30 PM</p>		<h3>Origami Workshop at the Multiplaza Branch of El Hombre de la Mancha</h3> <p>On Sunday, September 3rd, 2023 we were invited by El Hombre de la Mancha to run an origami workshop aimed at 8 year olds and above in the Multiplaza branch of El Hombre de la Mancha, Panama City.</p> 









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<p style="text-align: center; font-size: 2em; font-weight: bold;">6</p> <p>5:00 PM - 6:00 PM</p>	 <p>Register at: https://tinyurl.com/math-english23</p>	<h3>Twenty-Ninth Math Webinar in English</h3> <p>The twenty-ninth Math Webinar in English took place on Wednesday, September 6th, 2023 from 5 pm until 6 pm with Molly Daley, Regional Mathematics Coordinator of the Educational Service District 112 in Vancouver, Washington, as our invited speaker. This virtual event was free and open to the general public.</p> <p>In this twenty-ninth Math Webinar in English, Molly Daley presented on “Math Anywhere: Everyday Math Play”. The speaker showed examples of mathematics in non-formal learning spaces. These spaces are structured outside of school with voluntary participation but without formal learning evaluation. Some examples include Math On-A-Stick, Pop-Up Math Play, Math Play Space, Play Math and Public Math. This virtual event was co-organized by the Mathematical Association of America (MAA).</p> 
<p style="text-align: center; font-size: 2em; font-weight: bold;">7</p> <p>6:00 PM - 8:00 PM</p>		<h3>Meet & Greet Djordje Baralic</h3> <p>On Thursday, September 7th, 2023 the Meet & Greet Djordje Baralic took place, which was a fundraising dinner to gather donations to cover the FUNDAPROMAT projects, in which participants had the opportunity to share with our international guest while enjoying an exquisite dinner at the Ciao Ragazzi restaurant in Costa del Este.</p> 
<p style="text-align: center; font-size: 2em; font-weight: bold;">16</p> <p>2:00 PM - 3:00 PM</p>		<h3>Webinar on The Mathematics of the Inca Empire</h3> <p>The Webinar on The Mathematics of the Inca Empire took place on Saturday, September 16th, 2023 from 2 pm until 3 pm, with Maria del Carmen Bonilla, Researcher in Ethnomathematics and winner of the Simon Bolivar Prize by the Latin American Committee of Educational Mathematics, as our invited speaker. This virtual event was free and open to the general public.</p> <p>The invited speaker described the territory that was covered by the Inca Empire and presented on two tools that were used by the incas: the quipu and the yupana. Maria del Carmen Bonilla also explained the number system of the incas and invited the participants to attend an Ethnomathematics Congress that will take place in Peru.</p> 
<p style="text-align: center; font-size: 2em; font-weight: bold;">16</p> <p>2:00 PM - 5:00 PM</p>		<h3>FUNDAPROMAT Stand in Smash n' Rock</h3> <p>On Saturday, September 16th, 2023 we were invited by SMASHITO Panama to have a stand with fun math activities from 2 pm until 5 pm in Smash n' Rock. This in-person event took place at the Hard Rock Cafe Restaurant, Second Floor, Megapolis Outlets Panama, Panama City.</p> 

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<p>17</p> <p>11:00 AM - 12:00 PM</p>	 <p>ENCUENTRO VIRTUAL CON MATEMÁTICOS SOBRESALIENTES</p> <p>Expositora Invitada: Alma Gómez, Maya K'iche', Licenciada en la Enseñanza de la Matemática y Física y docente en Guatemala. Tema: Matemática Maya</p> <p>Este evento virtual es gratis y abierto a todo público</p> <p>Fecha: domingo 17 de septiembre de 2023 Hora: 11:00 a.m. Inscríbete en el link: https://tinyurl.com/jmuenm4z</p> 	<h3>Forty-Second Virtual Encounter with Outstanding Mathematicians</h3> <p>The forty-second Virtual Encounter with Outstanding Mathematicians took place on Sunday, September 17th, 2023 from 11 am until 12 pm. Alma Gomez, Maya K'iche', Bachelor in Mathematics and Physics Teaching and educator in Guatemala, was our invited speaker. This virtual event was free and open to the general public.</p> <p>On this forty-second Encounter, Alma Gomez shared anecdotes of her personal life and her professional journey as a female mathematician. The speaker also presented on "Mayan Mathematics." In this virtual event, Alma Gomez explained the territory that was covered by the Mayan population and described the Mayan calendar. The speaker also shared the connections between the Mayan mathematics with harvesting corn and with knitting fabrics and defined the vigesimal system that was used by the Mayans.</p> 
<p>19</p> <p>7:00 PM - 9:00 PM</p>	 <p>Si eres mayor de 18 años de edad y quieres disfrutar las habilidades mentales, participa en nuestro</p> <h3>MATHSJAM</h3> <p>Fecha: martes 19 de septiembre de 2023 Hora: 7:00 p.m. Lugar: Rana Dorada de Condado del Rey</p> 	<h3>MathsJam in Panama #14</h3> <p>On Tuesday, September 19th, 2023 from 7 pm until 9 pm the MathsJam in Panama took place, in which math enthusiasts who are 18 years old and above enjoyed exploring board games and interesting math puzzles in a pleasant environment where they had the opportunity to interact with other like-minded people. This in-person event, which is only for adults, took place in the bar La Rana Dorada of Condado del Rey, Panama City.</p> 
<p>20</p> <p>5:00 PM - 5:30 PM</p>	 <h3>ORIGAMI</h3> <p>Fecha: miércoles 20 de septiembre de 2023 Hora: 5:00 p.m. Modelo: Separador para hojas en forma de gato Materiales: un cuadrado de papel de 20 cm x 20 cm y marcadores de colores</p> <p>Invitada especial: Janeth Martínez</p>   	<h3>Origami with Janeth Martinez #6</h3> <p>The Origami Facebook Live with Janeth Martinez #6 took place on Wednesday, September 20th, 2023 from 5 pm until 5:30 pm. The special guest of this event was our volunteer Janeth Martinez from Panama.</p> <p>In this Facebook Live, Janeth Martinez taught us how to fold a cat bookmark, which is a traditional origami model. The participants needed one 20 cm x 20 cm paper square and colored markers. You can watch the video by visiting our Facebook account: @fundapromat or by clicking here.</p> 
<p>23</p> <p>11:00 AM - 12:30 PM</p>	 <p>Mayores de 10 años</p> <p>Aprende a resolver el</p> <h3>CUBO DE RUBIK</h3> <p>Sábado 23 de septiembre Panama American Center 11 AM a 12 PM</p> <p>actividad gratuita regístrate en bit.ly/iventoserpac</p>   	<h3>Rubik's Cube Workshop at the Panama American Center</h3> <p>On Saturday, September 23rd, 2023 we were invited by the United States Embassy in Panama to run a Rubik's Cube workshop aimed at 10 year olds and above at the Panama American Center in the City of Knowledge, Panama City.</p> 




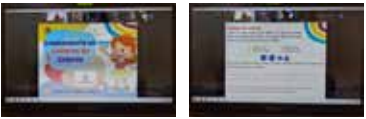




SEPTEMBER 2023

<p style="font-size: 48pt; font-weight: bold;">23</p> <p>2:00 PM - 3:30 PM</p>		<h3>Math Jamboree #96</h3> <p>The Math Jamboree #96 took place on Saturday, September 23rd, 2023 from 2 pm until 3:30 pm. A Jamboree is a joyful and loud celebration or party. The Math Jamboree is an opportunity for the entire family to enjoy exploring the beauty and richness of mathematics by sharing their ideas on the recreational activity that we present during the virtual event.</p> <p>In this Math Jamboree #96, participants were separated into groups depending on whether they are kids or adults and explored the interactive activity called “Number Snakes” in an environment of collaboration and a lot of fun. This virtual event was free and open to the general public. We thank Ramon Martinez and Rodolfo Kurchan for designing this activity for FUNDAPROMAT.</p> 
<p style="font-size: 48pt; font-weight: bold;">27</p> <p>9:00 AM - 12:00 PM</p>		<h3>FUNDAPROMAT Stand at the Scientific Fair of Youth Ingenuity</h3> <p>On Wednesday, September 27th, 2023 we were invited by the National Secretariat of Science, Technology and Innovation of Panama (SENACYT) to have a stand with fun math activities from 9 am until 12 pm in the Scientific Fair of Youth Ingenuity. This free in-person event took place at the Marriott Panama Hotel in Albrook Mall, Panama City.</p> 
<p style="font-size: 48pt; font-weight: bold;">27</p> <p>5:00 PM - 6:00 PM</p>		<h3>Math Webinar in English with WiSTEM</h3> <p>The Math Webinar in English with WiSTEM took place on Wednesday, September 27th, 2023 from 5 pm until 6 pm with Caroline Farkas, dedicated math educator and the founder of Doodles and Digits, as our invited speaker. This virtual event was free and open to the general public.</p> <p>In this Math Webinar in English, Caroline Farkas presented on “The Importance of Making Math Relatable and Visual”. The speaker explained why it is convenient to make math visuals and what makes a math visual good. Caroline Farkas described four examples of math visuals and then presented the benefits of creating math videos. This virtual event was co-organized by Women in STEM (WiSTEM).</p> 
<p style="font-size: 48pt; font-weight: bold;">28</p> <p>7:00 PM - 9:00 PM</p>		<h3>Celebration of Olympic Students</h3> <p>On Thursday, September 28th, 2023 we organized a special celebration for the team that represented Panama in the Iberoamerican Math Olympiad (IMO) 2023 in Brazil in the Ciao Ragazzi Restaurant in Clayton. The Panamanian delegation consisted of the students Jorge Liu, who received a Bronze Medal, and Danna Medrano, who received an Honorary Mention, and were accompanied by Leonel Castillo as leader and Jose Roberto Urriola as tutor.</p> 




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<p style="font-size: 48pt; font-weight: bold;">29</p> <p>9:00 AM - 11:00 AM</p>		<p>FUNDAPROMAT Stand at the XVIII Book, Art and Culture Municipal Fair</p> <p>On Friday, September 29th, 2023 we were invited by the Municipality of Panama to have a stand with fun math activities from 9 am until 11 am in the XVIII Book, Art and Culture Municipal Fair. This free in-person event took place on the ground floor of the Hatillo Building of the Municipality of Panama.</p> 
<p style="font-size: 48pt; font-weight: bold;">30</p> <p>3:00 PM - 4:00 PM</p>		<p>Rubik's Cube Workshop at the Mola Museum</p> <p>On Saturday, September 30th, 2023 we were invited by the Alberto Motta Foundation to run a Rubik's Cube workshop aimed at 10 year olds and above at the Mola Museum in Casco Antiguo, Panama City.</p> 
<p style="font-size: 48pt; font-weight: bold;">4</p> <p>5:00 PM - 6:00 PM</p>		<p>Thirtieth Math Webinar in English</p> <p>The thirtieth Math Webinar in English took place on Wednesday, October 4th, 2023 from 5 pm until 6 pm with Amy Ackerberg-Hastings and Daniel E. Otero, co-editor and editor-elect, respectively, of the journal Convergence of the Mathematical Association of America (MAA), as our invited speakers. This virtual event was free and open to the general public.</p> <p>In this thirtieth Math Webinar in English, Amy Ackerberg-Hastings and Daniel E. Otero presented on "A Tour of MAA Convergence". The speakers explained how we can use history to enhance mathematics teaching and described the resources that are available in the journal Convergence that can be accessed for free on the MAA website. Some examples of the resources that are available are the sections of "On this day", "Quotations", "Math Treasures", "Portrait Gallery" and "Translations of Original Sources". This virtual event was co-organized by the Mathematical Association of America (MAA).</p> 
<p style="font-size: 48pt; font-weight: bold;">5</p> <p>5:00 PM - 6:00 PM</p>		<p>Virtual Origami Class #104</p> <p>The Virtual Origami Class #104 took place on Thursday, October 5th, 2023 from 5 pm until 6 pm, with the origami artist Matthew Green as our invited speaker. This virtual event was free and open to the general public.</p> <p>For this class, participants needed one 15 cm x 15 cm paper square and scissors. Matthew Green then taught how to fold a horse, which is a traditional origami model. This origami design is appropriate for 8-year-olds and above.</p> 

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<p style="text-align: center; font-size: 2em; font-weight: bold;">7</p> <p>10:00 AM - 12:00 PM</p>	<p>Entrenamiento a Voluntarios del Banco General</p>  <p>El pasado sábado 7 de octubre de 2023 realizamos un entrenamiento presencial de matemáticas recreativas a un grupo de voluntarios del Banco General en el Centro Operativo del banco, ubicado en Metro Park. El entrenamiento incluyó las actividades "Sudoku de Colores," "Tangram," "Manikán," "Tetra, Papel a Tijera" y Origami.</p>	<p>Training of Banco General Volunteers</p> <p>On Saturday, October 7th, 2023 we ran an in-person training session on recreational mathematics for a group of volunteers of Banco General at the Operative Center of the Bank, located in Metro Park.</p> 
<p style="text-align: center; font-size: 2em; font-weight: bold;">7</p> <p>2:00 PM - 3:00 PM</p>	<p>Combinatoria en Collares de Colores</p> <p>Fecha: sábado 7 de octubre de 2023 Hora: 2:00 p.m. Insíbete en: https://tinyurl.com/collares-colores</p>  <p>Expositora: Maria Laguna</p> <p>Webinario gratis y abierto a todo público</p>	<p>Webinar on Combinatorics in Colored Necklaces</p> <p>The Webinar on Combinatorics in Colored Necklaces took place on Saturday, October 7th, 2023 from 2 pm until 3 pm, with Maria Laguna, early childhood educator and math teacher from Mexico, as our invited speaker. This virtual event was free and open to the general public.</p> <p>The invited speaker presented various challenges related to colored necklaces that can be used with little kids from preschool, including finding the number of possible combinations of designs. Maria Laguna then challenged the participants to figure out the combination that she had selected, allowing them to only ask questions whose answers are yes or no. The speaker also showed a variant of the game in which the allowed questions had to use the words up or down.</p> 
<p style="text-align: center; font-size: 2em; font-weight: bold;">8</p> <p>2:00 PM - 5:00 PM</p>	 <p>FUNDAPROMAT Stand at the Expo Mommy, Baby & Kids</p> <p>Juegos divertidos de matemáticas</p> <p>Horario: 2:00 p.m. - 5:00 p.m. Domingo 08 Octubre</p>	<p>FUNDAPROMAT Stand at the Expo Mommy, Baby & Kids</p> <p>On Sunday, October 8th, 2023 we were invited by MK Production to have a stand with fun math activities from 2 pm until 5 pm in the Expo Mommy, Baby & Kids. This free in-person event for the entire family took place at Megamall Panama, Food Court area, New Tocumen, East Panama.</p> 
<p style="text-align: center; font-size: 2em; font-weight: bold;">10</p> <p>10:00 AM - 11:30 AM</p>	<p>Entrenamiento a Voluntarios de FANLYC</p>  <p>El pasado martes 10 de octubre de 2023 realizamos un entrenamiento presencial de juegos matemáticos con lego a un grupo de voluntarios de la Fundación Amigos del Niño con Leucemia y Cáncer (FANLYC), que es una organización sin fines de lucro que apoya el bienestar y el tratamiento de los niños con cáncer en Panamá.</p>	<p>Training of FANLYC Volunteers</p> <p>On Tuesday, October 10th, 2023 we ran an in-person training session on math games with legos to a group of volunteers of the Friends of Kids with Leucemia and Cancer Foundation (FANLYC), which is a non-profit organization that supports the well-being and treatment of kids with cancer in Panama.</p> 

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<p>14</p> <p>11:00 AM - 12:00 PM</p>		<h3>Origami Workshop at Flowers & Gifts by Camila</h3> <p>On Saturday, October 14th, 2023 we were invited by the flower shop Flowers & Gifts by Camila to run an origami workshop aimed at 8 year olds and above. This free in-person event took place at the flower shop located in the Ondgo Plaza, La Chorrera, West Panama.</p> 
<p>14</p> <p>2:00 PM - 3:00 PM</p>		<h3>Webinar on Not all circles are as they are painted</h3> <p>The Webinar on Not all circles are as they are painted took place on Saturday, October 14th, 2023 from 2 pm until 3 pm, with Pedro Morales-Almazan, Professor of Mathematics at the University of California, Santa Cruz, as our invited speaker. This virtual event was free and open to the general public.</p> <p>The invited speaker explained that mathematics have the power to describe objects in a precise way. Pedro Morales-Almazan showed three examples of how mathematics allows us to expand our intuition: exploring the concept of prime numbers, the notion of holes and the definition of a circle as the set of points that are the same distance from a fixed point.</p> 
<p>15</p> <p>2:00 PM - 5:00 PM</p>		<h3>Math Carnival in Costa del Este</h3> <p>On Sunday, October 15th, 2023 from 2 pm until 5 pm we ran a Math Carnival in Costa del Este full of fun math activities for all ages. This free in-person event for the entire family highlighted the female Panamanian mathematicians Daysi Jackson, Yaira Saldaña and Iveth Martínez and took place at Town Center Costa del Este, Bridge of the Central Plaza, Level M3, Panama City.</p> 
<p>21</p> <p>10:00 AM - 11:00 AM</p>		<h3>Rubik's Cube Workshop for the Friends of Real Madrid Foundation</h3> <p>On Saturday, October 21st, 2023 we were invited by the Friends of Real Madrid Foundation to run a Rubik's Cube workshop to a group of 10 year olds and above of the Foundation. This free in-person event took place at the Amphitheater of the Omar Recreational Park, Panama City.</p> 

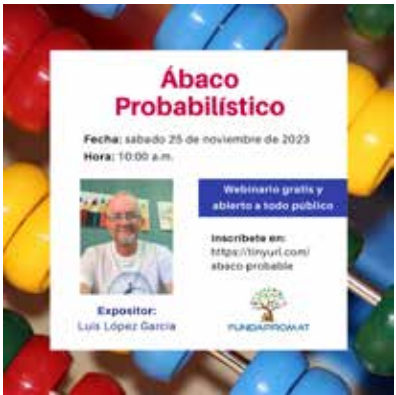







OCTOBER 2023

<p style="font-size: 48pt; text-align: center;">21</p> <p style="text-align: center;">2:00 PM - 3:30 PM</p>		<h3>Webinar on Magic in the Math Country</h3> <p>The Webinar on Magic in the Math Country took place on Saturday, October 21st, 2023 from 2 pm until 3:30 pm, with Pedro Alegria, Professor of Mathematics at the University of Basque Country in Spain and science communicator, as our invited speaker. This virtual event was free and open to the general public.</p> <p>The invited speaker performed several magic tricks based on math concepts that surprised the audience. Pedro Alegria highlighted Lewis Carroll and showed some Carrollian recreations like the calculator game and the coin that stretches. The speaker also focused on Martin Gardner and shared several Gardnerian dissections with four and five pieces and some Gardnerian surprises like the cylinder and its diameter.</p> 
<p style="font-size: 48pt; text-align: center;">22</p> <p style="text-align: center;">10:00 AM - 5:00 PM</p>		<h3>FUNDAPROMAT Stand at the Panama Bird Festival</h3> <p>On Sunday, October 22nd, 2023 we were invited by the Alada Foundation to have a stand with fun math activities and origami from 10 am until 5 pm in the Panama Bird Festival. This free in-person event for the entire family took place at the Dolphin Plaza of Albrook Mall, Panama City.</p> 
<p style="font-size: 48pt; text-align: center;">25</p> <p style="text-align: center;">5:00 PM - 5:30 PM</p>		<h3>Kirigami with Miriam Baez #5</h3> <p>The Kirigami Facebook Live with Miriam Baez #5 took place on Wednesday, October 25th, 2023 from 5 pm until 5:30 pm. The special guest of this event was the math communicator Miriam Baez from Mexico.</p> <p>In this Facebook Live, Miriam Baez taught us how to fold curves, which is a traditional kirigami model. The participants needed two printer paper sheets, a ruler, a pencil, glue and scissors. You can watch the video by visiting our Facebook account: @fundapromat or by clicking here.</p> 
<p style="font-size: 48pt; text-align: center;">28</p> <p style="text-align: center;">2:00 PM - 3:30 PM</p>		<h3>Math Jamboree #97</h3> <p>The Math Jamboree #97 took place on Saturday, October 28th, 2023 from 2 pm until 3:30 pm. A Jamboree is a joyful and loud celebration or party. The Math Jamboree is an opportunity for the entire family to enjoy exploring the beauty and richness of mathematics by sharing their ideas on the recreational activity that we present during the virtual event.</p> <p>In this Math Jamboree #97, participants were separated into groups depending on whether they are kids or adults and explored the interactive activity called "Like Cats and Dogs" in an environment of collaboration and a lot of fun. This virtual event was free and open to the general public. We thank Camila Espinoza, Jeanette Shakalli and Tiago Hirth for designing this activity for FUNDAPROMAT.</p> 

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<p style="text-align: center; font-size: 2em; font-weight: bold;">8</p> <p>5:00 PM - 6:00 PM</p>		<h3>Thirty-First Math Webinar in English</h3> <p>The thirty-first Math Webinar in English took place on Wednesday, November 8th, 2023 from 5 pm until 6 pm with Sabine Segre, Senior Lecturer at Achva Academic College in Israel, as our invited speaker. This virtual event was free and open to the general public.</p> <p>In this thirty-first Math Webinar in English, Sabine Segre presented on “Math Games”. The speaker showed a magic trick, then defined what a fair game is and explained the rules of the math games “Nim” and “Hit the Hundred”. Sabine Segre also described a musical dice game that participants can explore in the link https://dice.humdrum.org. This virtual event was co-organized by the Mathematical Association of America (MAA).</p> 
<p style="text-align: center; font-size: 2em; font-weight: bold;">16</p> <p>5:00 PM - 6:00 PM</p>		<h3>Virtual Origami Class #105</h3> <p>The Virtual Origami Class #105 took place on Thursday, November 16th, 2023 from 5 pm until 6 pm, with the origami artist David Medina as our invited speaker. This virtual event was free and open to the general public.</p> <p>For this class, participants needed one 15 cm x 15 cm paper square and colored pencils. David Medina then taught how to fold a Pikachu bookmark, which is a traditional origami model. This origami design is appropriate for 8-year-olds and above.</p> 
<p style="text-align: center; font-size: 2em; font-weight: bold;">18</p> <p>10:00 AM - 11:30 AM</p>		<h3>Math Jamboree #98</h3> <p>The Math Jamboree #98 took place on Saturday, November 18th, 2023 from 10 am until 11:30 am. A Jamboree is a joyful and loud celebration or party. The Math Jamboree is an opportunity for the entire family to enjoy exploring the beauty and richness of mathematics by sharing their ideas on the recreational activity that we present during the virtual event.</p> <p>In this Math Jamboree #98, participants were separated into groups depending on whether they are kids or adults and explored the interactive activity called “Wanna Paint?” in an environment of collaboration and a lot of fun. This virtual event was free and open to the general public. We thank Gisela Diaz, Marleny Vargas and Julieta Parravicini for designing this activity for FUNDAPROMAT.</p> 
<p style="text-align: center; font-size: 2em; font-weight: bold;">23</p> <p>5:00 PM - 6:00 PM</p>		<h3>Fibonacci Day Celebration</h3> <p>The Fibonacci Day Celebration took place on Thursday, November 23rd, 2023 from 5 pm until 6 pm, with Miriam Baez, math communicator and academic of the Actuary School in the Veracruz Anahuac University in Mexico, as our invited speaker. This virtual event was free and open to the general public.</p> <p>The invited speaker explained that the Fibonacci Sequence is a sequence of numbers in which each number is the sum of the two preceding ones: 1, 1, 2, 3, 5, 8, 13, 21, 34... Miriam Baez described the relation between the Fibonacci Sequence, the golden ratio and Pascal's Triangle and showed examples of where we can find this sequence of numbers in nature, in art, in architecture, in music, in computing, among others. The speaker also mentioned that the Fibonacci Day is celebrated today November 23rd since the date written in the format 11/23 corresponds to the first terms of the Fibonacci Sequence.</p> 










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<p style="text-align: center; font-size: 2em; font-weight: bold;">25</p> <p>10:00 AM - 11:00 AM</p>		<h3>Webinar on Probabilistic Abacus</h3> <p>The Webinar on Probabilistic Abacus took place on Saturday, November 25th, 2023 from 10 am until 11 am, with Luis Lopez Garcia, Professor of Mathematics at the Math Talent Stimulus Project (ESTALMAT) of the Royal Academy of Exact, Physical and Natural Sciences of Spain in Canarias, as our invited speaker. This virtual event was free and open to the general public.</p> <p>The invited speaker explained the Laplace rule of how to calculate the probability of an event through an activity that involves two dice. Luis Lopez Garcia then described what the probabilistic abacus is and presented several interactive examples that use boards and tokens. The speaker also defined the tree diagram and mentioned how it is related to the probabilistic abacus. To explore more activities that ESTALMAT runs, you may visit the link https://www.estalmat.org.</p> 
<p style="text-align: center; font-size: 2em; font-weight: bold;">30</p> <p>5:00 PM - 6:00 PM</p>		<h3>Virtual Origami Class #106</h3> <p>The Virtual Origami Class #106 took place on Thursday, November 30th, 2023 from 5 pm until 6 pm, with the origami artist David Medina as our invited speaker. This virtual event was free and open to the general public.</p> <p>For this class, participants needed one 21 cm x 29 cm paper sheet, one 29 cm x 25 cm cardboard sheet, a rubber band and scissors. David Medina then taught how to fold a paper plane with thrower, which is a traditional origami model. This origami design is appropriate for 8-year-olds and above. This webinar was our last Virtual Origami Class of 2023.</p> 
<p style="text-align: center; font-size: 2em; font-weight: bold;">2</p> <p>10:00 AM - 11:30 AM</p>		<h3>Math Jamboree #99</h3> <p>The Math Jamboree #99 took place on Saturday, December 2nd, 2023 from 10 am until 11:30 am. A Jamboree is a joyful and loud celebration or party. The Math Jamboree is an opportunity for the entire family to enjoy exploring the beauty and richness of mathematics by sharing their ideas on the recreational activity that we present during the virtual event.</p> <p>In this Math Jamboree #99, participants were separated into groups depending on whether they are kids or adults and explored the interactive activity called "The Labyrinth of Atlantis" in an environment of collaboration and a lot of fun. This virtual event was free and open to the general public. We thank Rafa Oliver for designing this activity for FUNDAPROMAT.</p> 
<p style="text-align: center; font-size: 2em; font-weight: bold;">3</p> <p>11:00 AM - 12:30 PM</p>		<h3>Forty-Third Virtual Encounter with Outstanding Mathematicians</h3> <p>The forty-third Virtual Encounter with Outstanding Mathematicians took place on Sunday, December 3rd, 2023 from 11 am until 12:30 pm. Gisela Diaz, educator at the National School of Technical Education (ENET) No. 1 Professor Vicente Garcia Aguilera and Regional Secretary of the Argentinian Math Olympiad (OMA), was our invited speaker. This virtual event was free and open to the general public.</p> <p>On this forty-third Encounter, Gisela Diaz shared anecdotes of her personal life and her professional journey as a female mathematician. The speaker also presented on "Olympic Classes." In this virtual event, Gisela Diaz shared her experience as Regional Secretary of the Argentinian Math Olympiad (OMA). The speaker then showed several examples of olympic problems that she uses in her classroom to promote the development of critical thinking among her students. Gisela Diaz also recommended participants visit the website https://www.oma.org.ar</p> 

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<p>6</p> <p>2:00 PM - 3:30 PM</p>		<h3>Mathemagical Show Celebrating Our Fourth Anniversary</h3> <p>The Mathemagical Show Celebrating Our Fourth Anniversary took place on Wednesday, December 6th, 2023 from 2 pm until 3:30 pm. The famous mathemagicians Neo Rincon from Venezuela/Chile, Sergio Fernandez from Colombia/Austria and Luis Otero from Venezuela/Spain, as well as the prominent artist Caroline Ainslie from United Kingdom, were our invited speakers. This virtual event was free and open to the general public.</p> <p>In this celebration for the entire family, the invited speakers Neo Rincon, Sergio Fernandez and Luis Otero surprised our audience with incredible magic tricks based on mathematics and Caroline Ainslie performed a phenomenal show with balloons and bubbles to celebrate this special day. National and international kids and adults enjoyed this marvelous spectacle.</p> 
<p>13</p> <p>5:00 PM - 6:00 PM</p>		<h3>Thirty-Second Math Webinar in English</h3> <p>The thirty-second Math Webinar in English took place on Wednesday, December 13th, 2023 from 5 pm until 6 pm with Cynthia Huffman, Professor of Mathematics at Pittsburg State University in Kansas, as our invited speaker. This virtual event was free and open to the general public.</p> <p>In this thirty-second Math Webinar in English, Cynthia Huffman presented on “Bell-y Mathematics: Math & Music Intertwined”. The speaker shared a brief summary of the history of bells and of the history of math. Cynthia Huffman then explained how people connected with bells figured out several results in mathematics before the mathematicians. The speaker, who is also a handbell soloist, showed some amazing videos demonstrating her talent playing bells. This virtual event was co-organized by the Mathematical Association of America (MAA).</p> 
<p>16</p> <p>10:00 AM - 11:30 AM</p>		<h3>Math Jamboree #100</h3> <p>The Math Jamboree #100 took place on Saturday, December 16th, 2023 from 10 am until 11:30 am. A Jamboree is a joyful and loud celebration or party. The Math Jamboree is an opportunity for the entire family to enjoy exploring the beauty and richness of mathematics by sharing their ideas on the recreational activity that we present during the virtual event.</p> <p>In this Math Jamboree #100, participants were separated into groups depending on whether they are kids or adults and explored the interactive activity called “Bazinga!” in an environment of collaboration and a lot of fun. This virtual event was free and open to the general public. We thank Julieta Parravicini for designing this activity for FUNDAPROMAT. It is worth mentioning that this virtual event was the last Math Jamboree of 2023.</p> 
<p>21</p> <p>6:00 PM - 8:00 PM</p>		<h3>FUNDAPROMAT Stand at the Expo Design 9.0</h3> <p>On Thursday, December 21st, 2023 we were invited by the Ganexa Art University to have a stand with fun math activities from 6 pm until 8 pm in the Expo Design 9.0. This in-person event took place at the Galeria Room of the Ganexa Art University.</p> 

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<p style="font-size: 48pt; text-align: center;">22</p> <p>12:00 PM - 12:30 PM</p>	<p>Almuerzo Navideño para el Hogar María Guadalupe</p>  <p><small>El pasado viernes 22 de diciembre de 2023 FUNDAPROMAT y Quick Resuelve unieron esfuerzos para llevar un almuerzo navideño al Hogar María Guadalupe en Corozal. Este albergue ofrece ayuda integral a niñas y adolescentes embarazadas en situación de riesgo.</small></p>   	<p>Christmas Lunch for the Maria Guadalupe Shelter</p> <p>On Friday, December 22nd, 2023 FUNDAPROMAT and the company Quick Resolve joined efforts to organize a Christmas lunch for the Maria Guadalupe Shelter in Corozal, Panama City. This shelter offers comprehensive help to pregnant girls and teenagers in high-risk situations.</p> 
<p style="font-size: 48pt; text-align: center;">31</p> <p>11:00 AM - 11:30 AM</p>	<p>Donación para el Hogar Divino Niño</p>  <p><small>El pasado domingo 31 de diciembre de 2023 FUNDAPROMAT y Quick Resolve unieron esfuerzos para llevar una donación de comida seca al Hogar Divino Niño en Corozal. Este albergue recibe a niños de 0 a 5 años de edad bajo medida de protección del Estado por vulneración de sus derechos.</small></p>   	<p>Donation for the Divine Child Shelter</p> <p>On Sunday, December 31st FUNDAPROMAT and the company Quick Resolve joined efforts to give a donation of dry food to the Divine Child Shelter in Corozal, Panama City. This shelter receives children from 0 to 5 years old subject to protection measures for violation of their rights.</p> 