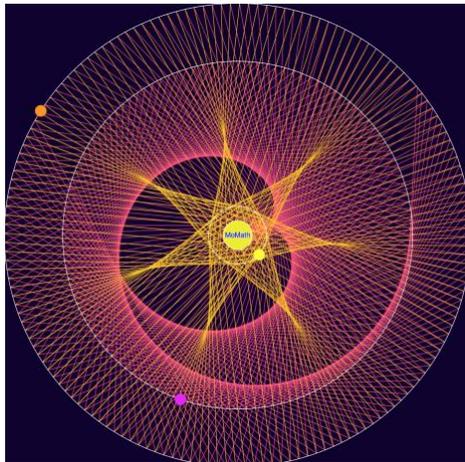




CONTACT: Shannon Duer | shannon@gzandassociates.com | 631-487-5883

National Museum of Mathematics Launches Free Global Education App for All Ages to Explore Beautiful Math Patterns Inspired by Planetary Motion



"Venus App" by National Museum of Mathematics (MoMath)

New York, NY (June 10, 2020)—New York City's [National Museum of Mathematics](https://www.momath.org/) (MoMath), the only math Museum in North America, launched a free fun global education app for all ages to explore the beautiful math patterns created by circular patterns around the central object, inspired by planetary motion.

The "Venus App", available on MoMath's onsite exhibit called "Math Square," allows users to visualize the patterns of planets in retrograde against fixed stars. Users launch their own planets out into orbit with the click of a button and watch as each planet connects immediately to the preceding planet with a simple straight line. Intricate and stunning mathematical patterns begin to emerge as the connected planets travel their orbits at different speeds from different distances around the sun, demonstrating Kepler's second law of planetary motion which states that the speed of a planet increases as it nears the sun and decreases as it recedes from the sun.

“MoMath’s ‘Venus App’ allows participants to create and explore breathtaking mathematical beauty with just a few quick clicks,” said Cindy Lawrence, CEO and Executive Director of MoMath. “During these challenging times, we’re glad to offer the public fun, interactive experiences that continue to highlight the joy of mathematics. MoMath’s new digital app provides another virtual outlet for fun math learning.”

The “Venus App” is part of MoMath’s “Math Square” exhibit—an interactive installation that includes a series of math games, puzzles, and mazes controlled by the movement of your feet—inside the Museum in New York City. MoMath experts launched the “Venus App” onto a digital platform so that the world can continue engaging with the Museum’s fun, interactive exhibit while cultural institutions are shuttered worldwide due to Covid-19.

To explore the beauty and wonder of math in MoMath’s “Venus App,” visit venus.momath.org.

About the National Museum of Mathematics

MoMath, the only math museum in North America, is located at 11 East 26th Street on the northside of popular Madison Square Park in Manhattan and is open seven days a week, 10 a.m.- 5 p.m. For more information, visit momath.org.

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