

Education

Paterson P-Tech Students to Lead STEM Day at Museum in New Community Outreach Partnership



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PATERSON, NJ - The Paterson Board of Education has approved a new partnership between Paterson Public Schools and the Paterson Museum to host *From Paterson to the Planets: A Stellar Family Adventure* — a student-led community event promoting science, technology, engineering and math.

Scheduled for Saturday, June 14, the event will take place at the Paterson Museum, located at 2 Market St., and will be led by student volunteers from Paterson P-Tech. The program is designed to give families an engaging, hands-on introduction to STEM through a series of space-themed activities — all offered at no cost to the school district or participants.

“This partnership with the Paterson Museum gives our students a powerful platform to share their knowledge and passion for STEM with the larger community,” Carlos Miranda, Planetarium Manager at P-Tech said. “From designing hands-on activities to leading engaging outreach events, our students are not just learning—they’re teaching, leading, and inspiring others. It’s a celebration of what our young people are capable of when given the opportunity to shine.”

The event’s theme centers on the solar system, with each station dedicated to a different planet and offering immersive, interactive experiences for all ages. A portable planetarium will provide short demonstrations, while NASA Solar System Ambassador Mike Green will deliver presentations throughout the day. As guests complete each station, they’ll receive stamps in a “passport” booklet and earn NASA-themed prizes upon completion.

Roughly 18 to 20 students from P-Tech’s National Honor Society and Student Government Association are expected to participate. These student leaders will guide families through each activity and facilitate interactive discussions. In return, they will earn community service hours that support their high school portfolios and scholarship applications.

To prepare, students are attending after-school training sessions where they’re learning the scientific content and developing questions to spark curiosity and conversation with attendees.

Organizers say the event is a continuation of a successful outreach model used in previous years, further reinforcing Paterson P-Tech’s career and technical education (CTE) goals. “This event serves as a real-world extension of the CTE model,” Miranda said. “It allows students to apply their STEM knowledge in public, collaborate with peers, and serve their community.”

District and museum staff are currently finalizing logistics for the event, including space availability and outreach efforts.

For more information on *From Paterson to the Planets* or to attend, families can contact the Paterson Museum or visit the school district’s website in the days leading up to the event.