Mind Foundry Learning

Delivering 21st Century Learning in partnership with the Saint Paul Promise Neighborhood

The team

Our Values

Critical Thinking

is a super power for tackling anything.

Curiosity

is a pursuit that knows no ends.

Creativity

is a tool in all efforts.

Creation

is an act of persistence.

Our Approach

Hands-on > Multidisciplinary > Problem-based

We provide hands-on learning experiences that engage, educate and build future-proof skills.

We bridge the gap between academic knowledge and practical application.

We foster an environment where learners feel safe to take risks, ask provacative questions and grow.

01.2016 — Dr. Mahad Ibrahim tutors a group of young students

05.2016 — Mind Foundry was founded

11.2016 — Key partnerships formed with Connected Camps and Mill Valley Code Club

02.2017 — Pilot program started in St. Paul City School with 48 scholars

08.2017 — SPCS after school program expanded to 104 scholars

Storytelling Studio established

Budget Request

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- Average of 92 students in the 4th and 5th Grades
- 120 days of programming during the school year or 240 contact hours per school year per student
- 10 day summer camp or 80 contact hours per summer per student
- Hourly rate of $7.97 per hour per student for the school year.
- Hourly rate of $4.61 per hour per student for the summer camp

Anticipated Outcomes

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- Enhance Creativity and Innovation (ISTE NETS Standard)
- Communication and Collaboration (ISTE NETS Standard)
- Research and Information Fluency (ISTE NETS Standard)
- Links to multiple Math, Science, and Language Arts State Standards

Testimonials

Parent Feedback

"My son learned how to be more creative. I would love for him to continue taking more Mind Foundry classes" - Patsy Rodriguez

"My daughter came home and showed me the doorbell that she made in class, I loved it. She also says that she enjoyed making spring rolls because that's one of her favorite foods" - Latreece Alexander

"I noticed that my daughter has been more focused on tasks, even at home. I am sure the additional education that Mind Foundry provides has truly helped her. For the future, she would like to take more 'Cook+Learn Lab' courses" - Ger Vang

Evaluation Approach

Strategic methodology to assessment of programming to constantly reflect and improve performance.

YPQA Evaluation:

- Safe environment
- Supportive environment
- Interaction
- Engagement
- Youth-centered policies and practices
- High expectations for youth and staff
- Access

Mind Foundry Offerings

Cook+Learn Lab

Cook+Learn Lab is a hands-on course designed to teach scholars the wonders of food and the science behind it.

Cook+Learn Lab: Iron Extraction

Project Atlantis

A Semester long project where scholars get an opportunity to design and build their own world.

Project Atlantis:

Volcanoes

Scholars design and build a volcano that eventually erupts and destroys the mini-worlds that they've built.

Project Atlantis

Energy Sources

Scholars learn about aerodynamics, wind turbines, and how we can use them to create energy.

ROV Design

Students will design and build a remotely operated vehicle (ROV) to explore the ocean habitats of Atlantis.

- Project Designed by MIT seaperch lab.
- Regional and National competitions.

Robotics

Scholars will design and build an autonomous vehicle that provides transportation to the residents of Atlantis.
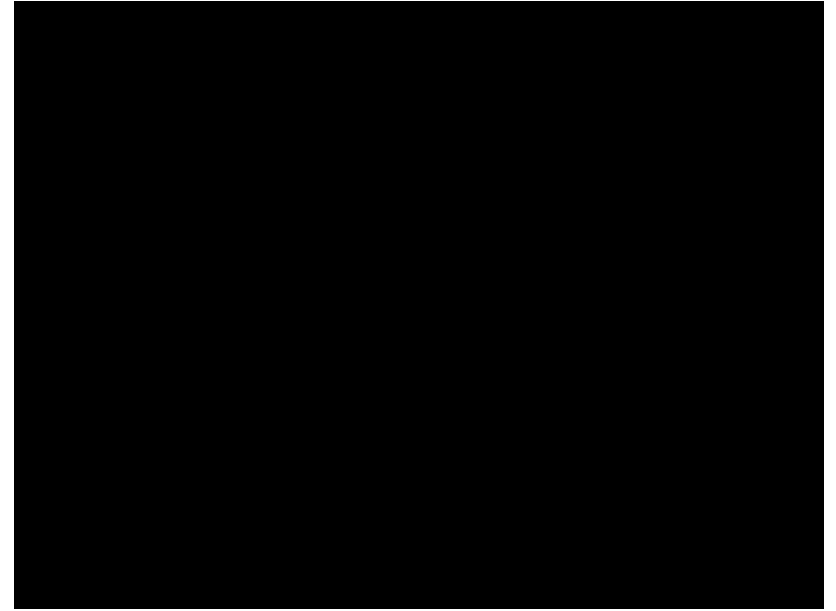
- Intro to block based programming
- Intro to robotics & current applications

Minecraft

Engineering & Game Design

Scholars creativity and problem solving skills are challenged in this virtual game design world.

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Thank You!