

2025

Louis M. Klein Middle School

Science and Engineering Fair

Monday, March 10, 2025
6:00 PM – 7:30 PM
Location: LMK Cafeteria A

Our Presenters

The science experiments and engineering designs that are being showcased were completed independently by LMK students over the course of three months. All of the students you will meet tonight decided to participate in this event because they wanted to challenge themselves by investigating a topic of interest. Tonight is a chance for these students to present their exciting scientific research and engineering designs.

8th Grade Presenters

Kohei Watanabe

Which Seasoning Will Clean Pennies the Best?

Teacher: Ms. Pastor

3rd Place

William Chung

Is Radiation Frying Our Brains?

Teacher: Ms. Cioffi

1st Place

Meleeha Ahmed & Jazlah Ahmed

Stain Busters!

Teacher: Ms. Ennis & Ms. Viverito

1st Place

7th Grade Presenters

Kristin Heine
How Do Soft Drinks Affect Tooth Decay?
Teacher: Ms. Rowan
1st Place

Owen Caldwell
Bread Problems, The Mold Investigation!
Teacher: Ms. Rowan
Honorable Mention

Tsubasa Kukita
No More Slippery Roads!
Teacher: Ms. Rowan
1st Place

Ayana Glasgow
Exploring the Growth of Bacteria from
Household, High-Touch Areas!
Teacher: Ms. Brain/Ms. Mohr-Boscaino
1st Place

Gedeon Shyti
Bacteria All Over!
Teacher: Ms. Brain/Ms. Mohr-Boscaino
1st Place

Colin Choi, Rio Horiuchi & Philip Spyropoulos
Going the Distance: Does the Type of Paper
Affect the Paper Airplane?
Teacher: Ms. Ennis
3rd Place

Amira Ruiz
How Do Different Exercises Affect Heart Rate?
Teacher: Ms. Ennis
1st Place

Maia Patpatia
Plant Potentials!
Teacher: Ms. Ennis
1st Place

Kevin Kearney & Charlie Salemo
That Tastes Bitter!
Teacher: Ms. Ennis
2nd Place

Lana Frandson
What's Your Mood?
Teacher: Ms. Ennis
3rd Place

Jonathan Myung
Wanna See If You Can See?
Teacher: Ms. Rowan
1st Place

Stanislav Rakita
What is the Effect of Fruits on the Cleanliness of Water?
Teacher: Ms. Rowan
2nd Place

6th Grade Presenters

Marlee Fox & Paula Caballero
Does the Amount of Scratches in Ice
Affect Skating Accuracy?
Teacher: Ms. Meo
3rd Place

Radha Creamer & Ruby Larsen
Bouncy Egg Experiment!
Teacher: Ms. Dakin
1st Place

Lea El Khoury
How Does pH Affect Corrosion?
Teacher: Ms. Meo
1st Place

Ziva Wiley & Maya Prasad
Levitating!
Teacher: Mr. Recktenwalt
3rd Place

Ron Ludwig-Solomon
Which Type of Food Has the Highest Electrical Charge?
Teacher: Mr. Kinisky
2nd Place

Shiori Ogihara, Haruka Takamatsu & Sakurko Suzuki
Ice!
Teacher: Ms. Dakin
1st Place

Chloé Simón-Hill
What Are Plant's Favorite Playlists?
Teacher: Ms. Meo
3rd Place

Isaac Lopez Clemente
The Giant Toothpaste!
Teacher: Ms. Dakin
3rd Place

Ava Garritano & Lila Landau
Apples!
Teacher: Mr. Kinisky
2nd Place

Carolina Scherzer & Cecilia Kunkes
Bridge, Bridge, Bridge!
Teacher: Mr. Recktenwalt & Ms. Dakin
1st Place

Zuri Speight
Kibble vs. Raw: A Dog's Preference!
Teacher: Ms. Meo
2nd Place

Engineering Presenters

Oviya Gandhi
Invasive Plant Paper!
Teacher: Ms. Cioffi
1st Place

Jyuna Saiki
Water Purification!
Teacher: Ms. Pastor
Honorable Mention

Max Lichtenstein
Which Strap Can Hold a
Diabetic Arm Band on Most Secure?
Teacher: Ms. Viverito
2nd Place

Bora Dushi
Solar Cooking!
Teacher: Ms. Ennis
2nd Place

Mei Yamamoto
How Does the Shape of the Bridge Affect Strength?
Teacher: Mr. Recktenwalt
2nd Place

Shane Collier
Cyborg Arm!
Teacher: Ms. Ennis
2nd Place

Sho Kimura
How to Create Computer Games!
Teacher: Ms. Ennis
Honorable Mention

Nia Walker & Francesca Tesoriero
ALERTED!
Teacher: Mr. Kinisky
2nd Place

Yuri Hoshi
Skyscraper Shapes and Wind Forces!
Teacher: Ms. Meo
Honorable Mention

Ella Aloni
Use of Hydrolics to Control Arm!
Teacher: Ms. Meo
Honorable Mention

Leopold Delfeld
How Does a Building's Shape Affect It's Stability?
Teacher: Mr. Kinisky
Honorable Mention

Dante Brussa
An Opening Bridge Which Uses the Pascal Law!
Teacher: Ms. Dakin
Honorable Mention

Benjamin Bernstein
Mousetrap Power!
Teacher: Ms. Meo
2nd Place

Jake Camaj
The Prosthetic Hand!
Teacher: Ms. Rowan
2nd Place

FASE Class Presenters

Jayden Ferraro **Zenia Salazar**

Christopher Patino **Frank Altamuro**

Ava Andreoli

PACE Class Presenters

Leah Hooper **Kevin Vela**

Gene Goins **Sasha Chernov**

Soapy Science!

Teacher: Ms. Pinto & Ms. Munsell

Honorable Mention

The Judges

The science and engineering projects displayed tonight were judged by the following:

Angela Meo
Bruce Kinisky
Christina Dakin
Daniel Recktenwalt
Jennifer Mohr-Boscaino
Kathleen Ennis
Melissa Rowan
Danielle Viverito
Joan O'Keeffe

Harrison Central School District

Board of Education

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Samantha Giberga, Trustee
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Robert C. Sullivan, Jr., *Trustee*
Jerome Valenti, *Trustee*
Michelle DeCarlo*, District Clerk*

Central Administration

Louis N. Wool, Ed.D., *Superintendent*
Lisa Mulhall, Ed.D., *Assistant Superintendent for Curriculum & Instruction*
Brian Ladewig, Ed.D., *Assistant Superintendent for Human Resources*
Timothy Whipple, *Assistant Superintendent for Business*
Joan O'Keeffe, Ed.D., *Acting Director of Science & Technology Education*

Building Administration

Scott Fried, *Principal*
Jennifer Cipolla, *Assistant Principal*
Danny Gonzalez, Acting *Assistant Principal*

Science Department Faculty

Christina Dakin Laura Brain/Jennifer Mohr-Boscaino
Danielle Viverito Bruce Kinisky Kathleen Ennis
Chelsea Cioffi Angela Meo Daniel Recktenwalt Caitlin Pastor
Melissa Rowan John Bergen

Sample Questions to ask Student Presenters

While viewing the projects, ask the students to share their research and feel free to ask questions. If you are not sure where to start, we have provided some sample questions here:

Why did you choose to participate in the Science and Engineering Fair?

Where did you get the idea for your project/research?

What was the most challenging aspect of your experiment or design?

What was the most enjoyable aspect of this experience?

What were your major findings (conclusions)?

How has your research changed your understanding of this topic?

Do you plan to continue this research? If so, what are your next steps?



Special Thanks!

Thank you for attending the 2025 Science and Engineering Fair. Your presence and enthusiasm served to encourage our student presenters. We hope you enjoyed the event as much as we have!

We would like to thank the **Board of Education, Central Administration** and the **LMK Building Administration** for their support of this event.

A very special thank you is extended to:

The **parents and family members** of the student presenters for their patience and guidance at home.

The **LMK Science and Technology Education teachers** for devoting time, outside of the class, to advise and guide these eager budding scientists and engineers.

Ms. Elissa Cavataro, our LMK science aide, who worked behind the scenes to support our students and teachers.

Ms. Anita Rodriguez-Gougherty who helped organize the event to make sure the night went smoothly.

Ms. Valerie Mingione & Ms. Irene Bochicchio, who helped to prepare the pamphlet.