



2023
Louis M. Klein Middle School
**Science and
Engineering Fair**



*Thursday, March 16, 2023
6:00 PM - 7:30 PM
Location: LMK Cafeteria A*

Our Presenters

The science experiments and technology 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

Dylan Bouteneff & Raito Sekine

Wind Chill's Affect on Different Temperatures

Teacher: Ms. Cioffi

1st Place

7th Grade Presenters

Eric Myung

Let There Pee Light

Teacher: Mr. Recktenwalt

1st Place

Shaili Singh

To Leaven . . . Or Not

Teacher: Mr. Recktenwalt

2nd Place

Sarah Wang

The Dissolve Rate of Salt in Different Water Temps

Teacher: Mr. Recktenwalt

2nd Place

Zack Sham

High Voltage

Teacher: Mr. Recktenwalt

2nd Place

Polina Rakita

Music vs. Plant Growth

Teacher: Ms. Ennis

3rd Place

Guiliana Palmisano

How Germy Is It?

Teacher: Mr. Recktenwalt

1st Place

Thomas Yan

Bubbles!

Teacher: Mr. Recktenwalt

3rd Place

6th Grade Presenters

Ashley Cho

Dissolving Sugar

Teacher: Ms. Dakin

1st Place

Amelia Gilmore

Are You Swell With Your Smell

Teacher: Ms. Dakin

3rd Place

Jax Blaine & Chase Badner

What You See is What You Get...Maybe

Teacher: Ms. Meo & Mr. Kinisky

3rd Place

Jacob Ryan

How Do Fruits Conduct Electricity?

Teacher: Ms. Meo

2nd Place

Nikhil Jhaa

The Effect of Density on
Different Liquids

Teacher: Ms. Meo

2nd Place

Soraya Holzer & Giuliana Currin

Do Your Eyes Taste?

Teacher: Ms. Dakin

2nd Place

Mavee Herrera

Homemade Flashlight

Teacher: Ms. Dakin

2nd Place

William Chung

Potato Chargers

Teacher: Ms. Dakin

1st Place

Jazlah Ahmed

Chocolate Science Lab

Teacher: Ms. Meo

2nd Place

Aoi Oda & Saki Okuda

Will Increasing the Amount
of Cornflower in Oobleck Change
How Hard the Oobleck will be?

Teacher: Ms. Meo

3rd Place

Charles Jiang

The Effect of Difference
Ways of Cooking Eggs on the
Amount of Time it Takes to Peel the Egg.

Teacher: Mr. Kinisky

1st Place

John Celata

Ice Cube Melting Experiment

Teacher: Mr. Kinisky

1st Place

Jana Krasniqi & Clara Youngstrom

Candy Osmosis

Teacher: Mr. Kinisky

2nd Place

Samantha Rinaldi

Does the Mass Change When You Remove
Eggs from the Batter of a Cake?

Teacher: Ms. Meo

2nd Place

Sana Koyanagi

Acid and Alkalinity

Teacher: Ms. Meo

Honorable Mention

Logan Greenberg

Lasers, Lights and Liquids

Teacher: Mr. Kinisky

Honorable Mention

Tomohiro Kometani

Creating Fruit Clock

Teacher: Ms. Meo

3rd Place

Yoshihide Chinen

Earth Changes Caused by Earthquakes

Teacher: Ms. Meo

2nd Place

Technology Presenters

Ryu Irahara

8th Grade

Structural Ideas for
Buildings Against Earthquakes

Teacher: Ms. Viverito

1st Place

Audrey Cheung

8th Grade

Teacher's Pet Pencil

Teacher: Ms. Cioffi

2nd Place

Shunsuke Suzuki

7th Grade

Think About Environmental
Problems with Self-Made Plastic

Teacher: Ms. Brain

3rd Place

Katharine Wong

7th Grade

Building an EMP

Teacher: Ms. Brain

2nd Place

Zelli Voloshin

7th Grade

To Glow or Not to Glow

Teacher: Ms. Brain

Honorable Mention

Michael Miceli

6th Grade

Houses vs. Winds

Teacher: Ms. Dakin

Honorable Mention

Max Lichtenstein

6th Grade

Golde Locks Effect

Teacher: Ms. Dakin

Honorable Mention

Oviya Gandhi

6th Grade

Refrigeration Cycle

Teacher: Ms. Dakin

3rd Place

Dean Fiore

6th Grade

Wind

Teacher: Ms. Keifer

3rd Place

Bodhi Schiffman

6th Grade

Trail to the Trusty Trebuchet

Teacher: Mr. Kinisky

3rd Place

Michael Maldonado

6th Grade

The Use of Tension

Honorable Mention

FASE Class Presenters

Marco Balbi Zenia Salazar Daniel Gallardo
Christopher Patino Alex Mallory Frankie Altamuro
Jayden Ferraro Nicolas Gomez Coronel

Clean Eggs and Cans

Teacher: Ms. Pinto

Honorable Mention

The Judges

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

Angela Diecidue
Bruce Kinisky
Christina Dakin
Brittany Keifer
Daniel Recktenwalt
Laura Brain
Kathleen Ennis
Emily Hart
Allison Blunt
Anita Rodriguez Gougherty
Joan O'Keeffe

Harrison Central School District

Board of Education

Kelly Kozak, *President*
Kelly Mulvoy Mangan, *Vice-President*
Dennis Di Lorenzo, *Trustee*
Samantha Giberga, *Trustee*
Placido Dino Puccio, *Trustee*
Robert C. Sullivan, Jr., *Trustee*
Lindy Wolverton, *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., *Director of Science and Technology Education*

Building Administration

Scott Fried, *Principal*
Jennifer Cipolla, *Assistant Principal*
Scott Spector, *Assistant Principal*

Science Department Faculty

6th grade team

Christina Dakin
Bruce Kinisky
Angela Diecidue
Brittany Keifer

7th grade team

Laura Brain
Kathleen Ennis
Daniel Recktenwalt

8th grade team

Danielle Viverito
Chelsea Cioffi
Anthony Ferdinandi

Technology Education Faculty

John Bergen
Diane Frawley

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 Technology 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 2023 Science and Technology 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 Cavatara, 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.