

Mark Your Calendars!

2022-23

August 10 - First Day of School for Students

September 5- Labor Day (no school)

September 26, November 8 March 6 May 9
eLearning Days

October 20-21 Fall Break

November 21- 25 Thanksgiving Break

December 21—January 3 Winter Break

January 16- Martin Luther King Day

February 20- President's Day

April 3-9 Spring Break

April 11- Volunteer Appreciation Luncheon

May 23— Last Day for Students

** Some dates may change due to unanticipated school closings.

IRead 3rd grade test March 6-17

ILearn Grades 3-6 test April 16-May 12

Outdoor labs help students explore, discover, and investigate our unique dune environment at Lake Hills and encourage them to make wise choices about the natural world.

Raised bed gardens, a rain garden, a pollinator garden, and an outdoor classroom are some of the features being developed.

Students also utilize two hydroponic gardening wheels within our school.



Lake Hills K-6 students experience.....

- Study Trips (on and off campus)
- Hands-on discovery activities in the STEM Lab.
- 1-1 Technology in the classroom and during eLearning Days
- On-site field experiences with community experts.
- Problem-based learning
- Integrated STEM curriculum based on the Indiana State Standards
- Project Lead the Way lessons in grades K-6

Enrichment Opportunities



- FAB Lab (Makerspace)
- Girls on the Run
- STEM Lunch and Learn Clubs
- Sports (Basketball, Soccer)
- Student Council
- Daily Student Led Media Show
- Honor Society
- Safe Harbor (after school care and activities daily until 6:00pm)
- Math Bowl and Science Bowl Teams
- Coding After School Clubs

Lake Hills STEM Magnet School was recently awarded a \$15,000 grant from Project Lead the Way. PLTW empowers students to develop and apply in-demand, transportable skills by exploring real-world challenges. Students learn to solve problems, think critically and creatively, communicate, and collaborate while experiencing this program.



Lake Hills STEM Magnet School

Science, Technology, Engineering, Math (STEM)

Michigan City Area Schools

201 Ferguson Road, Michigan City, IN

Office Phone: 873-2105

Office Hours: 8:00-4:00

Principal: Dustin Nelson (ext. 6604)
dnelson04@mcas.k12.in.us

The Museum of Science and Industry selected our school as one of the fifteen schools to participate in their "Science Leadership Initiative".
(The only Indiana Elementary School)

You will be hearing a lot about a new project we are working on with the museum, called FAB Lab...More details will be shared soon.

"An Indiana Department of Education STEM Certified School"

Student Hours

Breakfast 8:30

Class Begins 8:45

Dismissal 3:00

STEM Core Curriculum Resources

(Integrated Across All Subject Areas)



Science

Computer Science and coding skills are taught thru a variety of teaching tools. Teachers are working to connect their new EL Education Language Arts curriculum to the science topics taught at each grade level. EL Education's mission is to inspire students to achieve more than they think is possible, becoming active contributors to building a better world.



Technology

State of the art technology tools enriches student learning at Lake Hills. Students have 1-1 chrome books in grades 1-6. Kindergarten students have 1-1 tablets, Classrooms have 60" monitors, document cameras, digital cameras, voice enhancers, a wireless network, interactive whiteboards, and iPads.



Engineering

Engineering is Elementary is a research-based curriculum developed by the Museum of Science in Boston that integrates engineering and technology concepts with science topics. Students learn how to build, take things apart, and discover how things work.



Math

Michigan City Area Schools has adopted a new math program, called IM math by Kendall Hunt. IM K-5 Math is rigorous, problem-based, and fully aligned to the standards, with coherence across grade bands.



STEM Curriculum Supporters

Many community organizations have opened their doors so students can visit and/or have provided speakers on a variety of topics. Our students have also gone on virtual study trips to places such as:

- The Indianapolis Children's Museum,
- The Field Museum,
- Shedd Aquarium,
- St. Joseph County Parks,
- Lake County Forest Preserves, IL
- Museum of Science and Industry

Our family support is wonderful! Caregivers work in the classrooms, go on study trips, and volunteer to work with after school groups.

We are planning **Family STEM Nights** for November 17, March 30 and May 11. Please bring your whole family to work on STEM projects together, learn about the latest technology we are using, have a free supper, and socialize with other families.



Lake Hills is footsteps to Lake Michigan which makes it a unique learning environment for our students. Students can walk to the lakefront in 10 minutes. The area surrounding the school has a variety of habitats such as dunes, wooded areas, and a man-made lake. Many varieties of animal and plant life can be observed on the land adjacent to the playground. Students can observe birds, insects, deer, squirrels, and native plant species right outside their classroom door.

Classes participate in a beach clean-up at Washington Park, sponsored by The Alliance for the Great Lakes.

Lake Hills STEM Magnet School Staff

Dustin Nelson- Principal

Tara Stachowiak—Assistant Principal

Kelley Gertner—K

Brittany Bruhler- K

Sheri Wagner - K

Jasmine Sleaford - 1

Austin Ricketts - 1

Dena Roths - 1

Mario Castillo - 2

Leanne Rogers - 2

Elizabeth Law - 2

Cindy LoGreco - 3

Jane Shimala - 3

George Wichlinski- 3

Jennifer Berzac- 4

Melissa Steinhilber - 4

Kim Thunherst -4

Laura Charpentier - 5

Katie Dombkowski- 5

Paige Donovan - 5

Shariann Forker- 6

DeAnna Munoz -6

Penny Will - 6

Kari Rogers-Hunt—Nurse

Elin Boklund—Music

Melissa Jongkind- Art

Drew Berry- PE

Renee Hall - Counselor

Kasey Mansker - Social Worker

Deb Moore—Resource Teacher

Stephanie Tarpo—Resource Teacher

Kristen Lakin- Special Education Teacher

Kristal Chenault - K-2 Instructional Coach

Patrice Hurley - 3-6 Instructional Coach

Shelley Deutscher - STEM Coordinator

Aldora Rowley —Secretary

Rebecca Reid- Food Service Manager

"Helping students become the best they can be."

