Brick Elementary School is proud to be a STEM focused school. Below are some frequently asked questions about the Brick STEM program. I hope you find it to be informative.

What is STEM?
STEM Education helps prepare students for the future. Today’s students must have a solid understanding of Science, Technology, Engineering and Mathematics—also known as STEM.

How is STEM beneficial?
STEM helps students to apply science, mathematics and technology to tasks that involve engineering. STEM also emphasizes students working in teams. These are skills that students will need in the future.

What is Engineering is Elementary (EiE)?
The EiE program harnesses the fascination children have with building and taking things apart. EiE units are designed around a task that asks students to work in teams to solve an engineering problem using hands-on approaches.

The tasks not only incorporate STEM learning, but also connect with literacy and social studies. This is accomplished through an introductory story that involves child characters from a variety of cultures and backgrounds, who introduce students to an engineering problem. In addition to providing a context, the storybook also serves to introduce engineering and technology concepts and terms, and reinforce science vocabulary.

What is the Engineering Design Process?
The Brick STEM program focuses on the Engineering Design Process (EDP). The EDP includes these steps: Ask a question to identify needs and constraints, Imagine possible solutions, Plan a promising solution, Create a prototype, Test the prototype, Improve and redesign as needed.

Does Brick offer any after school programs?
Yes! Programs are offered throughout the year. We offer After School programs and evening programs. Please watch for notifications!

How is the STEM program at Brick funded?
The STEM program at Brick is funded through the use of federal Title I funds, U.S. Department of Defense and the general fund from the school district. The Brick STEM program has also been awarded over $12,000 in competitive grants.

What is the Maker Space?
The Brick Maker Space is a full-sized classroom. It contains high tech items such as 3D printers and low tech items, such as sewing and wood working materials. The space is used during the school day and for after school and evening programs.

What is the STEM Fair?
Instead of a traditional Science Fair, Brick students take part in the STEM Fair. This event takes place in the spring. At the STEM Fair, students use STEM concepts to explore and create their own products that solve a technological problem.

We look forward to offering our STEM program to students throughout the year. Thank you, parents, for supporting our efforts!
Bounce Back to School

Lincoln Elementary Schools hosting the 2nd Annual Bounce Back to School event to celebrate the start of another school year! This awesome family friendly event was a huge success! Thank you to our volunteers and LHS students for the entertainment!

Go Splitter Nation!!

Brick PTO News

Sixth Annual Brick Elementary Craft Show

sponsored by: Brick Elementary PTO

Saturday, November 10, 2018

Set-up: 7:00 am

Show: 9:00 am - 3:00 pm

Tear down: 3:00 pm - 4:00 pm

Brick Halloween Dance and Book Fair

The Brick PTO will be hosting the Halloween Dance and Book Fair on Friday, Oct. 19th from 6:00-8:00 in the Brick Café’ and Gym.

We look forward to seeing you there!!

STEM at Brick

First grade is learning about simple Machines, forces and gears by making paper crimper!! STEM-tastic!
Unfortunately, the Campbell Labels program is discontinuing at the end of the school year. We will collect the labels through June.

However, BOX TOPS is continuing! So, please keep bringing them in to Brick! Thank you so much.

**Box Tops for Education**

Donuts with Dad

Brick was happy to celebrate all the male role models in our students lives by hosting a Donuts with Dad event in September! We had a wonderful turn out of loving supportive Dads, uncles, grandfathers and even a few Moms:) Thank you for celebrating the kick off to another Brick-tastic year here at Brick!

Look at all these smiling faces!!

**2nd Grade Apple Orchard**

Brick second grade enjoyed their annual trip to the apple orchard!! They learned all about Michigan trees and apples. Then were enjoyed cider and donuts!
Our Summer reading program was a huge success! Over the summer, K-3rd grade Brick students read 1,027 books and kept logs! Thank you to all our families that supported their child’s literacy over the summer!

Kids Read Now Program

Constitution Day at Brick

Mrs. Rankin and other classes celebrated Constitution Day by learning about the Constitution and creating our own Brick Constitution!

Boohoo/Yahoo Back to School Breakfast

Brick PTO hosted the first annual breakfast for parents of out Young 5-Kindergarten students on their first day of school. It was an opportunity to connect with other Brick families with students the same age.

Thank you Brick PTO this amazing bonding event!
Be sure to Like the Brick Elementary PTO page for updates about PTO and school news.

**Railroad Safety**

Brick 3rd, 4th and 5th graders were visited by Lincoln Alumni Mr. Leonard! He came in to discuss Railroad history and safety.

**STEM in the Classroom**

Students in Ms. Johnson’s room designed a pipeline to move water during a drought. The criteria for the pipeline were that it had to carry water from an elevated tank to a smaller tank and it had to be 100cm long. It could not leak! They used the Engineering Design Process to create a pipeline after reading and discussing how rescuers in Kenya are creating pipelines to help baby elephants.

**Book Donors**

Thank you to all the generous donors that bought books for many of our classrooms! Every student was able to have a good:) Thank you for supporting literacy at Brick!

**Kindness Matters At Brick**

This year, Brick kicked off a big Kindness Matters activity in all grades Y5-5th. Each classroom discussed the good citizen attribute and made quilt squares. Each square represented what kindness looked like to each student or was a random act of kindness that they witnessed here at Brick. The quilt squares are posted on each floor at Brick...if you get a chance take a look at the awesome things our students had to say about kindness!
Lincoln/Brick Spirit Day and Homecoming Parade

Brick students and staff had a fabulous time celebrating being Rail Splitters and part of a caring community by participating in Spirit Week. All buildings dressed the same each day of the week and on Friday the LHS came to parade around the school. This is an annual event that helps build strong relationships within our community. The young Rail Splitters love seeing the big Rail Splitters...they made signs and did a lot of cheering!

Mrs. McNeal’s Classroom

The students in Mrs. McNeal’s room made “calming bottles” to use at home. They are part of a calming down strategy as part of their learning of our Zones of Regulation for coping with our emotions. Focusing on the bottle helps slow heart rate, steady breathing and forces muscle relaxation….plus they are really fun to make:) Thank you to our Mom volunteer, Leah Leverett for helping us make them!!

Thank you to Stony Creek United Methodist Church for all the generous donations of school supplies! We will put them to good use!

Thank you, THINK GREEN!

Another incredible year is about to start for our Think Green Club members! We will meet every 2nd Monday, starting in November.

Think Green takes care of our recycling and beatification of Brick!

Please watch for a letter from Mrs. Lehto on the details of this years Think Green Club!

Our final Think Green Club after-school meeting for this school year will be on May.