Week of June 15th - 19th

Wonders of the Wild - 9am - 12pm
For kids who have completed any grade K - 2

Kids interested in natural science and animals will love this interactive camp! Campers will learn about animal habitats and adaptations, create their own animals, discover the DNA of a plant, and learn about what plants need to survive!

Video Game Design - 9am - 12pm
For kids who have completed any grade 3 -8.

Why play video games this summer when you can make them? Learn the basics of coding while designing retro-style games in Microsoft MakeCode Arcade.

FrankenSLIME Rising! - 1pm - 4pm
For kids who have completed any grade K - 8

Explore all things that ooze! Kids will learn the basic chemistry behind slime and make several of their own batches to take home, and end the week with a messy and memorable slime contest!

Week of June 22nd - 26th

STEAM Mural Painting - 9am - 12pm
For kids who have completed any grade 3rd - 8th

Local mural artist, Katie Trainer, returns to fill another wall inside the Lancaster Science Factory! Kids will complete a mural from concept to completion as they explore the intersection of science and art!

Junk Drawer Inventor - 9am - 12pm
For kids who have completed any grade k -8.

Creativity meets engineering in this Maker camp! Kids will use common materials to construct different types of structures and invent contraptions to solve problems.

Potions Lab - 1pm - 4pm
For kids who have completed any grade K - 8

Step into the lab for some basic chemistry magic! Kids will use science to make potions that bubble, foam, and ooze.

Week of June 29th - July 3rd

Whatever the Weather - 9am - 12pm
For kids who have completed any grade K - 2nd

Rain, rain go away - we have weather science to learn! Kids will explore the weather and seasons in this hands-on camp. They’ll experiment with snow and wind, learn about dangerous weather, and more in this thrilling camp!

Costumes and Sewing - 9am - 12pm
For kids who have completed any grade 3rd - 8th

Want to dress up like your favorite character? Kids will learn about costume planning and crafting in this maker camp! Learn to hand-sew and measure fabric while learning about shapes and textures.

Encountering Wild Science - 1pm - 4pm
For kids who have completed any grade K - 8

Experience the wild side of science! Get messy with different types of slime and the mysterious and wild substance: ooblek. Learn about the Dinosaurs while you make your own fossils to take home.
Week of July 6th - 10th

High Steel Presents: Bridge Mania - 9am - 12pm
For kids who have completed any grade 3rd - 8th

We have proudly been partnering with High Steel Structures Inc. to deliver this high-quality, hands-on bridge camp! The camp concludes with a tour of one of the largest steel bridge companies in the country to see actual bridges being made on the shop floor!

Junior Coders - 9am - 12pm
For kids who have completed any grade K - 2nd

Kids will learn basic coding and logic in this interactive and exciting maker camp.

Creative Creatures July 6-10 - 1pm - 4pm
For kids who have completed any grade K - 8

Deconstruct common items like toys, dolls, and more to create your own “FrankenCreature.” Learn what makes things tick, how to take them apart, and put them back together in surprising ways!

Week of July 13th - 17th

Mathemagician - 9am - 12pm
For kids who have completed any grade 3rd - 8th

Would you like math to be fun? Become a Mathemagician in just five days! Learn about famous mathematicians and magicians while mastering mystifying magic with your own superpowers!

Electric Chemistry - 1pm - 4pm
For kids who have completed any grade 3rd - 8th

Kids will experience a sampler of basic chemistry and electrical engineering. Charge your way into small electronics like circuits and radios. Get magnetized by the strength of magnets and invisible forces. Cause a reaction with common substances. Kids will have a blast in this active camp!

Week of July 20th - 24th

Small Scientist Week!

Bubble Bonanza Pre-K Camp - 9am - 11am
For kids ages 4-6.

Oh my gosh BUBBLES! Pre-K campers will have fun exploring STEM concepts while having sensory experiences and playing with bubbles. They’ll learn about what makes them more than just air, and even experiment with making their own solution. So much fun you’ll POP!

Junk Drawer Junior - 9am - 12pm
For kids who have completed any grade k -2nd.

Creativity meets engineering in this Maker camp with an early education focus! Kids will use common materials to construct different types of structures and invent contraptions to solve problems.

Making Mixtures - 1pm - 4pm
For kids who have completed any grade K - 2nd

Young campers will be introduced to density science by making mixtures! They’ll learn how objects float, sink, and mix (or not) by doing really fun and sometimes messy hands-on experiments. Kids will love making their own lava lamp, creating their own paintings, and more!
Week of July 27th - 31st

**STEAM Team - 9am - 12pm**
For kids who have completed any grade K - 2nd.

Every day of this camp will be a new adventure as kids explore the five areas of STEAM (Science, Technology, Engineering, Art, and Math). Kids will make lava lamps, build roller coasters, and even whip up a batch of ice cream!

**3D Printing - 9am - 12pm**
For kids who have completed any grade 3rd - 8th.

Kids will explore 3D printing technology and related software in this maker camp. They'll complete several of their own designs for fun and function during the week!

**Hydroponics for Kids July 27 - 31 - 1pm - 4pm**
For kids who have completed any grade K - 8th.

Let's get growing! Kids will create their own garden as they learn the basics of the life cycle of plants. Investigate the nutrients required for growth through hands-on activities and experiments. You'll walk away with a green thumb!

Week of August 3rd - 7th

**Harry Potter Super Fans! - 9am - 12pm**
For kids who have completed any grade 3rd - 8th.

Did you read all of the Harry Potter books and see all the movies? Come to this camp to share your love of the Harry Potter universe! Get yourself SORTED and learn about the science behind potion making, magical creatures, and more!

**Woodworking - 9am - 12pm**
For kids who have completed any grade 3rd - 8th.

In this maker camp, campers will learn the basics of woodworking and tools of the trade while making cool projects like wizard wands and secret compartment boxes!

**Engineering Challenge - 1pm - 4pm**
For kids who have completed any grade 3rd - 8th.

What two things do engineers enjoy most? Challenges and building things, of course! If this sounds like you, then this is your camp! Use common objects to make a fast-moving zipline. Design a boat that moves using only the power of a rubber band. All of these challenges and more await you in this camp.
**Week of August 10th - 14th**

**Pre-K STEM Explorers - 9am - 11am**
For kids ages 4-6.

Kids will explore a variety of STEM topics as they engage in imaginative play and develop skills that will help ready them for Kindergarten!

**Coding and Robotics August 10 - 14 - 9am - 12pm**
For kids who have completed any grade 3-8th.

Kids will learn the basics of coding and robotics by solving challenges with Edison and Lego robots. They will also code their own custom animations and music. This camp will be great for kids with no coding experience and more experienced coders alike!

**Making a Brain Connection - 1pm - 4pm**
For kids who have completed any grade K - 8th

Everything we see, feel, hear, smell, and taste is because of our most complex organ: The Brain. Campers will explore how their brain affects their five senses and learn ways their brain can be fooled during this week-long sensory experience!

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**Week of August 17th - 21st**

**TBD August 17 - 21 - 9am - 12pm**
For kids who have completed any grade K - 8th.

A fun and engaging camp for kids who have completed any grade K - 8th.

**Environmental Engineering - 9am - 12pm**
For kids who have completed any grade 3rd - 8th.

You have the power to save our planet (and our city) with engineering design! Campers will explore how engineers are tackling the climate crisis while building their own renewable generators. They'll also learn about water pollution and stormwater management by modeling solutions and seeing how the City of Lancaster handles these issues in the real world.

**Revenge of FrankenSLIME! - 1pm - 4pm**
For kids who have completed any grade K - 8th

FrankenSLIME is back and bigger than ever! Campers will make fourteen different types of slime during a fun and messy week of basic chemistry fun! The week will end with a slime making competition. Someone is going to get SLIMED!