

LANCASTER

SCIENCE FACTORY

SPRING 2021

Lots of
FUN
to think about.

TWENTY ACTION-PACKED CAMPS

THE LANCASTER SCIENCE FACTORY KEEPS THE FUN GOING ALL SUMMER LONG!



Where can kids go to build a real bridge, design a video game, paint a mural, and get slimed? To the Science Factory for Summer STEM camps, of course!

We are excited to announce that **registration is now open** for our engaging, educational, and fun camps that run all summer long.

Choose a **K - 3rd** camp for young learners, a **3rd - 8th** camp designed to challenge higher grade levels, or a **K - 8th** camp that is fun and approachable for kids in any grade!

All camps are half-day and run for a full week. Campers enrolled in two camps can **pack a lunch and stay for the whole day!**

KEEPING IT SAFE

We're committed to keeping kids, instructors, and volunteers safe by:

- Requiring masks that cover the nose and mouth in our facility.
- Taking regular hand washing/sanitizing breaks.
- Frequent cleaning of high-touch surfaces.
- Reduced camp sizes for more distancing.



GET IN ON THE FUN

Check out all of the camp info and sign up now at:

www.LancasterScienceFactory.org/summercamp

SPRING AND SUMMER HOURS

CURRENT HOURS

Wednesday - Friday: Noon - 7pm

Saturday: 10am - 5pm

Sunday: Noon - 5pm

Private field trips available Mondays or Tuesdays!

STARTING JUNE 7TH

Monday - Saturday: 10am - 5pm

Sunday: Noon - 5pm

Also open Memorial Day, July 4th, and Labor Day!



MARCH - AUGUST 2021

SPECIAL

PROGRAMS



PRIVATE FIELD TRIPS AND WORKSHOPS
SCHEDULE A VISIT OR A CUSTOM STEM
WORKSHOP FOR YOUR CLASS OR GROUP!

GIRL SCOUTS AND CUB SCOUTS
EARN YOUR STEM BADGES, VISIT FOR FREE
SECOND SATURDAY WEBELOS WORKSHOPS!

FIRST FRIDAYS
THE LANCASTER SCIENCE FACTORY IS FREE
EVERY FIRST FRIDAY FROM 5PM - 7PM.

WEEKLY PROGRAMS
HANDS-ON STEM CLASSES FOR GRADES K-8
TINKERCAD, WILD WEATHER, THE CIRCUIT LAB

WATER WEEK (JUNE 4TH - 12TH)
FREE RAIN BARREL PAINTING EVENT, JUNE 4TH
SPECIAL WORKSHOPS ALL WEEK LONG!

SATURDAY MAKER CAMPS
CODING AND ROBOTICS FOR GRADES 2 - 8

WWW.LANCASTERSCIENCEFACTORY.ORG

DESTINATION SCIENCE

FIELD TRIPS ARE FUN, SAFE, AND TOTALLY CUSTOMIZABLE!

Let's face it, you can't wait to get your group out from behind the computer and into a fun and educational field trip. The Science Factory has you covered! **We are now booking trips for the Spring, Summer, and Fall of 2021.** Here is what we have to offer:

- 75+ hands-on exhibits
- Low price of \$10 per student
- Teachers and chaperones are FREE
- FREE activity guides for all ages
- Safe bus unloading and FREE parking
- Private bookings available
- Super-clean facility
- Masks required
- Custom educational workshops available!



STEM WORKSHOPS

Reinforce or introduce science and math concepts by adding a hands-on STEM workshop to your visit. Our professional educators will lead your group through interactive lessons on **coding and robotics, chemical compounds, Newton's Laws of Motion, engineering concepts**, and more!

EXHIBIT TOPICS

Our exhibit signs make it easy to identify educational concepts. The colors and icons also match the STEM activity guides that are available for all grade levels.



Sound and Acoustics



Fluid Dynamics (Wind and Water)



Light and Vision



Mechanics and Motion



Engineering



Electricity and Magnetism



Math, Puzzles, and Brain Teasers

HOW TO BOOK

Field trips are booked on a first come, first served basis. Be sure to reserve the date you need today, by contacting Emily Landis at elandis@tlsf.org. Save some time and **fill out the reservation form at:**

www.LancasterScienceFactory.org/field-trips



FEATURED BUSINESS PARTNER



The team at **Cargas Systems** supports the Lancaster Science Factory at many levels, from a seat at the Board of Directors, to hands on involvement with impactful STEM programs. Nate Scott, CEO of Cargas, has been an active board member since 2014. His motivation for serving on the board has been to help with the LSF's mission of inspiring curiosity, creativity, and confidence by fostering an inclusive environment for hands-on STEM exploration. Cargas also engages with LSF as a financial supporter and

in-classroom assistant for the Girls Code Club (GCC). The mission for the GCC is to encourage an interest in computer science for girls at a young age, while creating a warm and supporting community.

GCC and other programs like it are exactly what the Community Impact Team at Cargas is inspired to support. Led by founder Chip Cargas, the Community Impact Team continuously looks for ways to serve our local community through volunteering, mentorship, and financial support. At Cargas, we are particularly focused on STEM Diversity - inspiring, educating, and supporting diverse young people as they work toward rewarding careers in Science, Technology, Engineering, and Math. As a leading technology employer in Lancaster County, Cargas shares a passion with LSF for STEM exploration and innovation as we build software solutions for our customers.

CARGAS®

VOLUNTEER SPOTLIGHT: JONAH HEISEY

Tell us about yourself!

My name is Jonah, I am a junior at Hempfield. I have two older brothers. I work part time at a flight school working around planes. I hope one day to become an officer in the Air Force.

Why do you volunteer?

I think it is good to put yourself out into the local community to meet people and gain new experiences. Experiences help you learn what you want to do with your life.

What is your favorite thing about volunteering?

Definitely doing live experiments at the Science Café. I hosted an Oobleck experiment to teach kids about non-Newtonian fluids. Oobleck is a mixture of corn-starch and water that is neither a liquid or solid.

What advice can you give to new volunteers?

Just be yourself. Try new things and get out of your comfort zone a little.

LSF is now recruiting Summer Camp Volunteers:

www.LancasterScienceFactory.org/volunteer



WAYS TO GIVE

TO THE LANCASTER SCIENCE FACTORY

There's more than one way to support the Science Factory. Whether you'd like to make a gift today or create a plan that benefits students of the future, our team is here to help you explore giving options that are right for you.

GIFTS OF CASH

Gifts of cash are always a pressing need at the Science Factory, especially during the ongoing pandemic. These support our many need-based access and scholarship programs and make the Science Factory accessible to all. Gifts can be mailed to:

**Lancaster Science Factory
Attn: Development Office
454 New Holland Avenue
Lancaster, PA 17602**

Or made online at:
www.LancasterScienceFactory.org/donate-now

OTHER "CURRENT" GIFTS

Donors over the age of 70.5 taking distributions from an IRA can gift part of this income to support the Science Factory in a tax-friendly way. Gifting appreciated stocks is another tax-efficient way to support LSF today.

PLANNED GIVING

Donors of all ages can support the Science Factory in the future by naming LSF in their will, living trust, or as the beneficiary of a retirement account or life insurance policy. Become a founding member of the **Science Factory's Legacy Society** today by creating a planned gift for the future.

"I give to the Science Factory via IRA charitable rollover as a tax-friendly way to support STEM education in our community."

-Rich Young, LSF Board President

ELEVATE CURIOSITY

The Science Factory is in the final stages of fundraising toward our ongoing 10th Anniversary Campaign. We've raised \$3.4M on a \$4.0M goal, with \$200,000 left for physical improvements and \$400,000 toward our endowment goal. In some cases, a planned gift can be counted toward our endowment goal.

For more information on ways to support the Science Factory, please contact Rob Reed at reed@tlsf.org, and thanks for supporting the Science Factory!

STAFF

MAIN LINE: (717) 509-6363

Amanda Bakay
OPERATIONS DIRECTOR
abakay@tlsf.org

Chris Blackmon
MAKER SPACE EDUCATOR
cblackmon@tlsf.org

Darlene Byrd
FRONT DESK MANAGER
darlene@tlsf.org

Angel Kilyan
STEM EDUCATOR
akilyan@tlsf.org

Emily Landis
EXECUTIVE DIRECTOR
elandis@tlsf.org

Rob Reed
DEVELOPMENT DIRECTOR
rreed@tlsf.org



Board of Directors

Rich Young
PRESIDENT

Ronnie Medlock
VICE PRESIDENT

Geoffrey McCarthy
TREASURER

Dana Ferber
SECRETARY

Dr. Sharon Brusica

Chip Burgess

Phil Calhoun

Jerry Eckert

Frank Fox

Emily Marzock

Derek Nowak

Barbara Pallan

Carrie Pyfer

Kimberly Rhoades

Ellen Romano

Eric Shelin Rothermel

Nate Scott

Kristen Simon



www.LancasterScienceFactory.org/donate-now/waystogive

REGISTER NOW FOR SUMMER STEM CAMPS!

FRANKENSLIME
3D PRINTING
ROBOTICS
NATURE MURAL ART
BRIDGEMANIA
AND SO MUCH MORE!



www.LancasterScienceFactory.org/summercamp