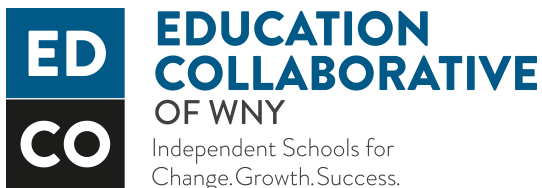




AUGUST 2016

STEAM SUMMER EXPERIENCES

Offering everything from outdoor science experiments to field trips to cultural and historic landmarks, **STEAM Summer Experiences** are unique, interactive, hands-on learning opportunities in **Science, Technology, Engineering, Art and Math**. This year's experiences will be held at various EdCo schools during the week of August 15th. The cost of a week long experience is \$50.00 per student and is open to rising 6th, 7th and 8th graders.



STEAM

—
Unique!

—
Exciting!

—
Affordable!

Visit our Website
to Register Now
for this Year's
Experiences!

WWW.EDCOWNY.ORG



Below is the EdCo WNY 2016 Summer STEAM Experience lineup. This year we are offering three exciting experiences for rising 6th, 7th and 8th graders. All experiences will take place August 15th-19th at various school locations from 9AM - 4PM. The Experiences are capped at 20 students each, so act fast to secure your space!

Summer Experiences Lineup:

Are You Healthy?: Sports Science

School Location: St. Joseph's Collegiate Institute
Lead Teacher: Alex Ladowski
Contact Information: E-Mail: aladowski@nardin.org

Description:

In "Are You Healthy: Sports Science", students will get an up close and personal look at the science and math behind some of their favorite sports and the preparation it takes to fuel the body for competition. The week will consist of several field trips throughout WNY, including Impact Sports at Harbor Center where we will get an in depth look at the science of hockey from both a physical and nutritional standpoint.

Field Trips: Rock Wall Climbing, Impact Sports and 716 at Harbor Center, Get Air Trampoline Park, Wegmans, Bisons Baseball Game, Driving Range.

Bridging STEAM!: How STEAM gets you where you want to go.

School Location: The Gow School (Pick up and Drop off will be at Nardin Academy)
Lead Teacher: Joe Gullo and Jeff Poblocki
Contact Information: jgullo@gow.org / jpoblocki@gow.org

Description:

This one-week session teaches students how the disciplines found within STEAM combine so engineers can build the bridges we use every day. In addition to learning basic bridge math and design concepts, the students will use computer software to design their own bridges virtually, and then will have a chance to build their own bridge from Balsa wood! Once completed, the different bridges will compete in a contest to see who designed the STRONGEST bridge!

Battling 'Bots

School Location: Nardin Academy
Lead Teachers: Sienie Kelly and Katie Swanson
Contact Information: skelly@nardin.org / kswanson@niagaracatholic.org

Description: Put STEAM into action as you design, build and control a Vex robot for a variety of individual and team competitions, including an obstacle course. Dive into engineering and architecture by building models. Learn about STEAM in WNY as you explore local sights on fun and interesting field trips.

Field Trips: Niagara Power Authority; Buffalo Manufacturing Works, GM plant, Bricks4kidz, Microsoft Store (Game Design), Praxair

Frequently Asked Questions:

If you have questions about enrollment or the experiences in general, please contact Eric Yarwood (e-mail: eyarwood@edcowny.org). If you have specific questions about an Experience, please contact the experience Lead Teacher.

Who can attend:

Any student who will be entering 6th, 7th or 8th grade at a WNY school in the fall is welcome.

Why are there only 3 Summer Experiences this year?

Unfortunately, our grant can only support three experiences this year.

How much does it cost?

The registration fee for a weeklong STEAM Summer Experience is \$50.00. The fee includes snacks, field trip costs and an educational souvenir.

Will I need to bring a lunch?

Yes. We aren't able to provide meals, but we will have coolers to keep your lunch cold. Brown bag lunches are suggested.

How can I register?

Visit: www.edcowny.org to register