

# YWCA IS ON A MISSION

The YWCA is dedicated to eliminating racism, empowering women, and promoting peace, justice, freedom, and dignity for all.

## TechGYRLS® - 2022 S.T.E.A.M. EXPERIENCE SERIES



This YWCA program was generously funded through a grant from the Women's Fund of Greater Green Bay.



230 S. Madison  
Street Green Bay  
[ywcagreenbay.org](http://ywcagreenbay.org)



The YWCA TechGYRLS® - S.T.E.A.M. Experience Series seeks to empower young girls in technology, engineering, arts and math and to encourage them to pursue careers within these fields. Through collaboration with area organizations and businesses, the workshops and field visits will be led by women within the S.T.E.A.M. industries. **FREE to participating girls grades 3-8**, there is a 15 person capacity limit in order to follow local health department guidelines. Participants will be bussed from the YWCA to the workshops.

**To register**, please visit the TechGYRLS® page on our website: [ywcagreenbay.org](http://ywcagreenbay.org)

### KI FIELD VISIT

Participants will go on a manufacturing tour with Jamie Williams, the Lean Process Manager. They will then tour the KI IT Data Center followed by lunch and presentations from Beth Relich, Barb Streubel & other female members of IT Department.

**Thursday, June 9, 11:00am - 1:00pm**

### BELLIN HEALTH

Participants will help care for a patient in the emergency dept., learn how to assess the patient and participate in an interactive CPR activity. They will also get hands-on experience with x-ray and ultrasound machines, discover the different roles in the operating room and so much more!

**Monday, June 13, 1:00pm - 3:00pm**

### GREEN BAY BOTANICAL GARDEN

Bees, butterflies, vegetables, wildflowers, songbirds, lots of dirt, and much more! Join Sarah and Alyssa, two of our horticulturalists, as they lead you on a behind the scenes tour while highlighting a day in the life of a horticulturalist.

**Tuesday, June 21, 1:00pm - 2:30pm**

### THE ART GARAGE

View artwork from, and work with two local arts professionals; Jenna Kast and Michelle Heraly-Bonde. Students will have the opportunity to view Jenna's solo exhibition and ask her any questions they may have about being a full-time artist! Michelle will lead the group in creating their own piece of artwork they can take home.

**Monday, June 27, 10:00am - 12:00pm**

### NEVILLE PUBLIC MUSEUM

Participants will have a chance to learn about science and history in the museum's new exhibits Spectacular Science, Sound, and Herstory, and learn all about space.

**Wednesday, July 6, 10:00am - 12:00pm**

## SCHREIBER FOODS

Participants will be given ingredients and a starting recipe, as well as access to kitchen-type equipment to cook a process cheese sauce. Concepts to be covered are emulsification, food chemistry, nutrition, food manufacturing processes, and flavorings. The event will end with a flavor competition.

**Wednesday, July 13, 1:00pm - 3:00pm**

## THE FARMORY

The girls will get hands on experience working in our Aquaponics Demo Lab, learning how to handle fish and how to grow produce using water and fish poop. A tour will be included.

**Wednesday, July 20, 1:30pm-2:30pm**

## LINCOLN FINANCIAL ADVISORS

**\*This workshop will be hosted at the YWCA in the Rebecca Chernick Innovation Lab.**

Beth will be using everyday examples that are relevant to the participants ages in order to show and teach about the compounding effect. Girls will learn how investing sooner rather than later can have a massive impact on their money and savings.

**Thursday, July 28, 1:30pm-2:30pm**

## NATIONAL RAILROAD MUSEUM

As part of this workshop, teams will model a high-speed locomotive using cardboard, duct tape, and their own design. Of course, we will evaluate and crash test each locomotive to see if it will stand up to the rigors of the railroad world.

**Wednesday, August 3, 1:30pm - 4:30pm**

## CSTEY/CESA 7

**\*This workshop will be hosted at the YWCA in the Rebecca Chernick Innovation Lab.**

Girls typically work in the world of coding. More details to be announced.

**Tuesday, August 9, time tbd**

## GREEN BAY PACKERS/TITLETOWN

In this workshop, students will learn the basics about mixed-use developments, identify necessary components to create this type of community and how S.T.E.A.M. careers are integrated into the creation of these developments. Students will have the opportunity to design and build their ideal mixed-use development using a variety of mediums (i.e. cardboard, glue, scissors, etc.)

**Wednesday, August 17, 10:00am - 11:30am**

## UNIVERSITY OF WISCONSIN - GREEN BAY

Join UW-Green Bay Nutritional Science students for a day of hands-on learning in food chemistry, cooking, and nutritional skills. Student will take a trip to the campus garden to harvest produce that will be used to make their own delicious treat! Any leftover scraps will be taken to the campus composting site where they will learn more about the importance of composting and food sustainability.

**Tuesday, August 23, 9:00am - 12:00pm**

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For more information please contact:  
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