

## 2022 Coding for Good at GiG Participation Form

Thank you so much for making the commitment to participate in GSCWM's NEW GiG track for older girls event on October 15, 2022 at Worcester Polytechnic Institute. Your willingness to give your time, skill and passion is greatly appreciated. Together, we WILL make a positive difference in the world and keep girls inspired toward STEM!

Please return this form to Tammy Breen at [TBreen@gscwm.org](mailto:TBreen@gscwm.org) or to GSCWM, 115 Century Drive, Worcester, MA, 01606 at your earliest convenience. Information on this form will be used in the promotion of your business and this event; please fill out accurately. **The sooner we receive this, the sooner we are able to promote you!** Registration for participants opens in mid-August; the sooner we receive your form, the sooner we can add you to the registration options. Thank you for your timely efforts!

**THIS FORM IS ONLY FOR THE CODING FOR GOOD WORKSHOPS**, please use the Geek is Glam STEM Expo Participation form if you would like to participate in other ways as well-we'd love to have you! Thank you!

Your Name: \_\_\_\_\_  
Company Name (if applicable): \_\_\_\_\_  
Email Address: \_\_\_\_\_  
Company Website: \_\_\_\_\_  
Facebook: \_\_\_\_\_  
Phone Number: \_\_\_\_\_  
Address: \_\_\_\_\_  
Town, State, Zip: \_\_\_\_\_  
Can we use your name and company name in our advertising and promotion of this event?  
Yes ( )      No ( )

**The girls will be receiving badges for these sessions. We are happy to share with you the badge requirements for each of these steps but it is also important to know that you have the flexibility to customize the requirements, as long as the girls are learning the basic concepts of the requirement.**

**How will you be participating? Please check all that apply.**

### **Session One: 10:15-12:15: Coding Basics Badge**

( ) **Grades 9-10:** To earn this badge, the girls will use functions to create a self-portrait; write code to create a portrait; learn about computer logic; explore "if" statements; and use computer logic to create a quiz show.

( ) **Grades 11-12:** To earn this badge, the girls will learn about functions through song lyrics; learn about loops through song patterns; write an algorithm duet; code a performance routine; and share their coded routine with others.

**Session Two: 2:35-4:35: Digital Game Design Badge**

( ) **Grades 9-10:** To earn this badge, the girls will learn about narrative game design, how to create the elements and mechanics of a game, and how games can make a positive change I the world.

( ) **Grades 11-12:** To earn this badge, the girls will learn how video games use conditionals to give players choices and how video games can help understand the world and its issues.

**Session Two: 2:35-4:35: App Development Badge**

( ) **Grades 9-10:** To earn this badge, the girls will understand JavaScript syntax, how to use objects to store community and social data, and how to display data with visualizations.

( ) **Grades 11-12:** To earn this badge, the girls will learn how to create data objects and how to develop apps that collect data that will help leaders change the world.

<b>Time</b>	<b>Coding for Good</b>
8:00-8:45	Girl Registration
9:00-10:05	Opening/Key Note
10:15-12:15	Session 1
12:25-1:20	Lunch
1:30-2:25	Expo Hall
2:35-4:35	Session 2

Additional Comments:

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**Thank you for working with us to provide  
these great opportunities to our girls!**