

## inteGIRLS Math Competition 2021 Applications

Join our team for our math competition either creating your own inteGIRLS chapter!

We ARE doing a competition spring 2021 no matter what with the coronavirus!  
(probably april)

Best case: Live

Else: Online

(note this all is separate from our online puzzle competition)

And we want to expand to have more chapters for our math competition run by highschoolers! (we are just a couple high schoolers right now, so you would be joining us)

Email [info@integirls.org](mailto:info@integirls.org) if you have any questions!

Roles we are looking for:

- New Chapters! (see below)
  - We are looking to add a couple new chapters to run our math competition. This would mean a chapter head and 5 chapter team members all within driving range
- Problem writers (coming soon)
  - Design the competition structure and write the problems

### **What would the live competition look like?**

Each chapter would host a day long live competition similar (with flexibility) to [our 2019 math competition in DC](#) . The problems and a general schedule will be the same for each chapter. This means something similar to:

around 150 girls from middle and high school come in teams,  
they do a couple individual rounds (algebra, geometry, number theory, combinatorics),  
then a team round,  
then some activity and food during grading,  
a speaker panel,  
and awards at the end.

### **What would the online competition look like?**

Each chapter would host a regional competition over zoom with the same individual and team rounds as the live competition would have had. (this means that day of, there

will be around 5 zooms going on at once, one led by each chapter, so that we can have the most participants without too huge a zoom),  
breakout rooms for each team during team round,  
some activity,  
peaker panel,  
awards at the end  
(a lot is still to be decided for an online competition)

### **About Starting an inteGIRLS Chapter**

You would be committing to run a math competition for your area spring 2021 (maybe virtual or live), and spring 2022 (meaning some roles in your chapter will change people for 2022 with graduation). It is extremely important that your chapter follows through and makes the competition happen. This means good planning and also being honest asking for help when you need it. We wanted to start the chapters now so that you could have more experience. You can get SSL service hours.

Your timeline:

Dec/Jan 2020/21 - we will tell you if live or virtual

- Frequent meetings begin (more frequent/important if live)
  - between your chapter team
  - with inteGIRLS (HQ) leadership team

February and March 2021 - Plan, advertise, etc

April 2021 - (probably) the competition!!

We are looking for 1 chapter head, and 5 (or more) chapter team members per chapter who apply together in one application. You will work together and all be good friends by the end :)

You get to be a role model for lots of girls in your area! According to Joy, “inteGIRLS has been a truly rewarding and fun experience :)”

About the roles:

#### **Chapter head:**

This is a huge role; you are the person running the competition! You are both joining the central inteGIRLS team, and leading your chapter. Here are things you will do:

- Lead your team members
- Communicate frequently with inteGIRLS president, headquarter, and other chapter heads

- Help plan the event and schedule (both at a top level working with integirls headquarter and at a chapter level)
- Lead the event day-of
- Help advertise, do logistics, fundraise, plan activities, find venue, etc
- Optionally help test solve problems from problem writing team

Requirements:

- Must be high school graduating class of 21, 22, and some select 23
  - Note if you are graduating class of 21, a chapter team member would become head for the 2022 competition
- Must be female or non-binary
- Must have math competition experience

### **Chapter Team Members:**

You are very important and can have varying levels of commitment. Nothing works without a strong team! This would also be great to apply for while applying to be a problem writer (someone could be a London Chapter team member and a problem writer for example). Here are things you will do:

- Help plan the event and schedule at a chapter level
- Help advertise, do logistics, fundraise, plan activities, find venue, etc (you could separate these by person if you like)
- Lead the event day-of
- Optionally help test solve problems from problem writing team

Requirements:

- Must be rising high schooler or middle schooler (majority high school)
- Any gender (majority female)
- Should have math competition experience