



CS4GA App and Design Challenge School and District Guidance

The CS4GA App and Design Challenge is a statewide computer programming competition for Georgia students. The goal is to allow middle and high school students to gain recognition for their app design and development skills. To promote awareness, community service, and innovation, the theme of this challenge is a “Community Advocacy Project”. This challenge encourages students to develop a mobile application that will solve a current problem facing their local community. This statewide event allows Georgia’s students to build and share their mobile or web applications on a platform of their choice. The CS4GA App and Design Challenge is sponsored by CS4GA.

Schools: Getting Started Guide

We want every middle and high school in Georgia to participate in the CS4GA App and Design Challenge. We’ve outlined a step-by-step guide for launching a school-level app challenge below. Note that we’ve included a timeline and resources to help you create and hold a successful school-level competition.

Step	Deadline*
Identify a school-level App and Design Challenge lead, and develop the plan for your school-level competition (e.g., school-level deadlines, marketing plan, resources available for students, winner selection process and prize)	September 16, 2022 (suggested)
Announce the school-level App and Design Challenge at your school	September 30, 2022 (suggested)
Help form and prepare teams of 1-3 students for the school-level competition	October 14, 2022 (suggested)
Student teams develop their apps and create video and written responses	October 17, 2022 - January 9, 2023 (suggested)
Student teams submit their apps, video, and written responses to the teachers and/or school-level App and Design Challenge lead	January 10, 2023 (suggested)

School-level App and Design Challenge lead submits student submissions to school level judges	January 13, 2023 (suggested)
Schools determine winners in each applicable grade band (6-8, 9-12) and submit them to the School District Lead Schools are free to determine winners however they choose; a rubric is provided that will be used in later rounds	February 3, 2023

**Most of the dates listed are suggested. Note, however, that schools must determine winners in each applicable band by February 3, 2023.*

Districts: Getting Started Guide

Once the schools have identified their winning teams, it's time for the district competition. Follow the steps below to ensure your district team is represented at the state-level competition.

Step	Deadline
School district leads create a repository for submissions for written responses and videos of running apps	January 13, 2023 (suggested)
Share the submission process with schools	January 27, 2023 (suggested)
School district leads accept submissions from schools	February 3, 2023 (suggested)
School district leads determine winners, using the provided rubric, in each grade band	February 15, 2023 (suggested)
Submit district winners and required student release form, in each grade band, through the CS4GA submission form. All districts may submit at least one submission. In districts greater than 20K, for every additional 20,000 students, districts will receive an extra entry up to 6 entries maximum per district.	March 1, 2023

**Most of the dates listed are suggested. Note, however, that districts must submit winners in each applicable band by February 17, 2023.*

Notes

- Individual schools and LEAs are free to use any system they deem appropriate to receive submissions for the 2022-2023 CS4GA App and Design Challenge.

What Happens Next

After the school- and district-level competitions, it's time for the state-level competition and selection of winners. Here's what to expect:

- A team of CS4GA's industry partners will determine the winners, using the provided rubric, in each grade band
- CS4GA will announce the winners on March 27, 2023, at the CS4GA Computer Science Advocacy Summit

Resources

- [CS4GA App and Design Challenge Rules](#)
- [CS4GA App and Design Challenge Rubric](#)
- [CS4GA App and Design Challenge Design Brief](#)

Criteria for Judges

Judging panels should:

- Consist of impartial judges who do not have a conflict of interest in the outcome.
- Consist of an odd number of judges (ideally 3-7) in the case of a tie.
- Some offices with less than 10 submissions only use one judge.
- Be as close to equal in terms of gender as possible to avoid any unintentional judging bias.
- Be racially/ethnically representative of the community.

Profile of ideal judge:

- A Computer Science professor or college student from a local university
- A local STEM teacher
- A tech entrepreneur within the local community
- An employee at a tech-related company within the local community

Key Dates

January	School Competition Deadline (January 13th)
February	Schools submit winners to LEA competition (February 3rd)
March	LEA submits to DOE March 1 - Winners announced at CS Summit (March 27th)
April	CS Ambassadors inducted at GA Technology Summit (all LEA-level winners)
May	Apps to the next level Workshop for participants - Patent office partners

	- App store process School and district guidance-2022-2023
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