



The Governor's App Challenge is a statewide computer programming competition for Alabama students. The goal of the Challenge is to allow more students to gain recognition for their mastery and application of computer programming and design!

How do students enter their app?

Teachers will submit student projects (video and written responses) to the school for judging. Teachers will also register student app development teams on Eventbrite at <http://bit.ly/ALGovACReg>, by **November 1, 2018**.

Submission Requirements.

A complete submission will include the following components:

1. Registration in Eventbrite at <http://bit.ly/ALGovACReg>.

2. Written Response. The written response should be typed, double spaced PDF, in a standard 12-point font (Times, Calibri or Arial). The written response must be submitted in pdf format. The total response should not exceed 750 words and must include the following:

- Title of app.
- Link to the video on YouTube.
- The programming language used. HTML apps will not be considered.
- Purpose: Explain the app's purpose in ONE sentence.
- Short Description: Describe what the app is trying to accomplish and why. Include a description of what is being shown in the video of the app running. Be clear and concise.
- Description of a technical/coding difficulty faced in programming the app, and an explanation of the resolution/solution.
- Discussion of what improvements and new features would be included in the next version (2.0) of the app.

3. Demonstration Video

- Students must create a 1-2 minute video, showcasing what the app does and how it works.
- The video must be in MP4 format.
- The video must be uploaded to YouTube as an "Unlisted" video and linked on the registration form.
- The maximum file size is 30 MB and must show at least one feature of the app running.
- The video should have no narration. A description of what is being shown in the video should be included in the written response.

Judging:

Each School Board District will have a 3 or 4 person panel consisting of industry and/or education professionals from within the district that will be responsible for judging student apps.

Alabama Governor's App Challenge Timeline:

1. Teachers will register student teams for the Challenge and submit their apps to the school for judging by **November 1, 2018**.
2. Schools will determine a winner in each grade band and submit to the appropriate Local Education Agency (LEA), i.e. local school district, by **January 1, 2019**.
3. LEAs will determine winners using the provided rubric and will give the list of winners, one per grade band, to the District Judging Board by **February 1, 2019**.
4. Each of the 8 School Board Districts will select a winner, based on the provided rubric, in each of the 3 grade bands, by **March 1, 2019**.
5. The winners of each grade band from each School Board District will present their app at the CS Summit in **April, 2019**. The date of the CS Summit will be announced soon.
6. The eight chosen apps for each grade band will present their app during a morning judging session at the CS Summit.
7. The 1st place apps from each grade band will be announced and have the opportunity to present at the CS Summit during the closing session.

How do students apply for the Challenge?

- Each sponsoring teacher will register the student app development team.
- A teacher may sponsor multiple teams, but a student can be on only one team.
- Students must enter the competition through their enrolled school.
- Home school and private school students will submit through their zoned school.
- Students may compete as individuals or in teams of up to three members.
- Students will compete in one of three grade bands:
Elementary: K-5
Middle School: 6-8
High School: 9-12
- All members of a team must be in the same grade band.

Visit the Alabama Governor's App Challenge webpage <http://bit.ly/ALGovACInfo> for more information.