

Application for 2022 BIG STEM Competition

Name

Address

Telephone

Grade

School

Teacher/Sponsor

Name of BIG Chapter
Representative

Phone

E-mail

Blacks In Government (BIG) is a national response to the need for African Americans in public service to organize around issues of mutual concern and to use their collective strength to address workplace and community concerns.

BIG's Goals are to promote equity in all aspects of American life, excellence in all we do, and opportunity for all Americans.



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**2022 STEM
STUDENT COMPETITION**



**Theme: *Creativity Inspired
by Science and Technology***

What is the Purpose of the STEM Competition?

The Blacks In Government (BIG) STEM competition will encourage and help prepare high school students to pursue a college education in Science, Technology, Engineering, and Math (STEM). It will provide academic and social support to participants so they have the competencies to become successful STEM enthusiasts.

Commitment, discipline, and desire to achieve are all tools for success.

AWARDS

Chapter Awards:

Certificates of participation and chapter-determined awards will be presented for first, second, and third place winners.

Regional and National Awards:

Winners will receive awards at the regional and national levels.

Regional first place winners will compete in the national competition at BIG's National Training Institute.

What Kind of Projects are Required?

This competition is designed to challenge the creative minds of high school students. The STEM competition invites students to create a superhuman character that came to Earth to restore unity, inclusiveness, and cooperation.

Based on scientific research, students will name their super character and create a story explaining how the character got their superpowers.

Students will also demonstrate in the story how the superpower character addressed a current "*civil wrong*" issue that is trending today. Participants will also use technology to create a 3-min video that shows the science-powered person in action.

No prior technical experience is necessary to participate in the competition. Students must work with a subject matter expert (SME) as a mentor.

How Will Projects Be Evaluated?

Projects will be evaluated on:

- Creativity and Uniqueness
- Visual Presentation
- Technical Implementation
- Useful Information
- Project Development Journal
- Oral Presentation

Who May Participate?

Students in Grades 9-12 are eligible to participate. Each student will use coding to create interactive animated projects according to the official STEM Student Competition guidelines.

How Do I Sign Up?

To enter the competition, contact the Blacks In Government representative listed on this pamphlet.