CONGRESSIONAL APP CHALLENGE 2025

Code for Congress. Change the World.

WHAT IS THE CONGRESSIONAL APP CHALLENGE?

The Congressional App Challenge is the official student STEM competition of the U.S. House of Representatives. It's an annual nationwide competition hosted by Members of Congress designed to inspire middle and high school students to explore STEM fields.

WHO CAN PARTICIPATE?

Middle and high school students who live in or attend school in a participating congressional district are eligible to take part in the Congressional App Challenge. Students can enter individually or as part of a team of up to four members. Each participant may only submit one app and may only compete in one district.

ANY APP. ANY PLATFORM. ANY CODING LANGUAGE.

There are no limits to what you can create. Whether you're solving a real-world problem or building something just for fun, you can code your app in any language, for any platform, using any tools you like.

Examples of eligible apps include:

- Mobile apps
- Desktop applications
- Wearable tech apps
- Web-based tools or platforms
- Programmed robotics projects
- Chatbots or voice assistants
- Games with coded logic
- AI or machine learning models

HOW TO ENTER THE CHALLENGE

Any app coded after October 24, 2024 is eligible. Register online and once your app is built, submit a short video showing what it does and how it works, along with a brief description, the tools used, and what inspired you. Every participating Member of Congress selects a district winner—meaning hundreds of students from all 50 states are recognized each year.

READY TO TAKE THE CHALLENGE?

Visit CongressionalAppChallenge.us to register, learn more, and explore past winners.

The **Deadline** to submit your app is October 30, 2025

Questions? Email us at: StudentSupport@CongressionalAppChallenge.us

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REAL STUDENTS. REAL PROJECTS. REAL IMPACT

ShelterSearch
CA-12 | 2024 Winner

ShelterSearch is a web app that uses a shelter database, a recommendation algorithm, OpenAI language models, and geocoding APIs to deliver personalized, trauma-informed shelter recommendations and action plans to unhoused youth, with automated SMS follow-up for easy access.

Citrus AI
FL-17 | 2024 Winner

Citrus AI combines educational resources with an AI-powered tool that uses a neural network to analyze images of citrus leaves or fruit, detecting and identifying three major diseases with over 95 percent accuracy to help Florida growers protect their crops and livelihoods.

RoadSafe
DE-00 | 2024 Winner

RoadSafe is a mobile app that leverages AI-driven computer vision, speech recognition, and GPS to monitor drivers in real time, detecting drowsiness, distraction, and speeding, and providing timely alerts to help prevent accidents and make roads safer for everyone.

Tiny Thinkers
MN-06 | 2024 Winner

Tiny Thinkers is a mobile app that helps children with autism build social and emotional skills through interactive lessons, videos, quizzes, and progress tracking, providing an accessible, supportive resource for families on their developmental journey.

CONGRESSIONAL APP CHALLENGE BY THE NUMBERS

70,944 — App Challenge Alumni

20,470 — Apps Created Since 2015

+90% — Alumni Interested in STEM Careers

93% — of the 118th Congress Hosted an App Challenge

+50% — of 2024 Students from Underserved Backgrounds

INSPIRING THE NEXT GENERATION

The Challenge inspires students to pursue STEM. Nearly 90% considering STEM careers after competing and 82% recommending it to friends. More than 80% of former participants go on to study STEM fields in college. It also broadens access to tech, with over half of participants coming from underrepresented groups in the Silicon Valley workforce.

SCAN FOR REGISTRATION INFORMATION AND FREE CODING RESOURCES

NATIONWIDE REACH. REMARKABLY BIPARTISAN.

The Congressional App Challenge is one of the most bipartisan initiatives in Congress, with overwhelming majorities of both parties coming together to support students and STEM education. In 2024, 382 Members of Congress hosted the Challenge — representing over 87% of districts across all 50 states and beyond. During the 118th Congress, 412 congressional offices hosted at least one Challenge. Student participation continues to grow: in 2024, 12,682 students registered, submitting a record 3,881 fully functioning apps.