Fall 2023 Program

Club Organized by

INNOVATE STEM

CONGRESSIONAL
APPCHALLENGE

September 2023
Wednesdays 5-6pm

Innovate STEM - Who we are

INNOVATE STEM

Inspire the next generation of young scientists, innovators, and engineers.

Bridge the gender gap in STEM fields, empowering girls to explore their full potential.

Support teens pursue successful careers in emerging STEM fields.

Positively impact the lives of aspiring middle and high-school students

What is the Congressional App Challenge (CAC)?

- Started as a coding competition in 2016 by US Congress

- Hosted (sponsored) by your Congressperson

- One of the most prestigious middle/high school competitions (50 states compete)

Prizes awarded by your district Congressperson (CA-46 Lou Correa)

Winning apps featured in the US Capitol Building / House.gov website

Winning students invited to Capitol Hill Reception in Washington D.C

CAC Mission

THE CONGRESSIONAL APP CHALLENGE'S MISSION IS TO INSPIRE, INCLUDE, AND INNOVATE EFFORTS AROUND STEM, CODING, AND COMPUTER SCIENCE EDUCATION.

INSPIRE

Inspire students to explore STEM through hands-on experiences

INCLUDE

Include all student groups in STEM engagement

INNOVATE

Help Congress connect with students & influence government policy

https://www.congressionalappchallenge.us/about/

CAC Rules and Timeline

JUNE - OCTOBER	NOVEMBER	DECEMBER
STUDENTS CREATE AND SUBMIT APPS	**JUDGING PERIOD**	**WINNERS ANNOUNCED**

Congressional App Challenge is open to all US Middle and High School students

Students may participate individually or in teams of up to 4 students

Students can compete from the congressional district they live in or go to school in

At least half the team must be eligible to compete from the district

Students can use any platform or programming language to build their app

CAC Club - Wednesdays @ 5PM-6PM PT - Weekly Agenda

Week	Agenda	Outcomes
Week 1 – 09/13/2023	Introductions and CAC Overview. Team formation and student web access.	**Overview**
Week 2 – 09/20/2023	Introduction to Thunkable. Initial prototyping of app and begin app development	**App Wireframe**
Week 3 – 09/27/2023	Continue app development and refinement. Discuss impact of your app	**Video Script**
Week 4 – 10/04/2023	Continue app development. Introduction to Canva for video editing.	**Draft Video**
Week 5 – 10/11/2023	Finalize app development. Refine video and begin editing.	**Final App**
Week 6 – 10/18/2023	Finalize video editing and submit app to Congressional App Challenge	**Final Video**
Week 7 – 10/25/2023	If needed (to finalize videos or answer final questions before submission)	
Congressional App Challenge Submission Deadline – November 1, 2023		

App Ideas

Helping students at school (with homework, tests, mental health, sleep)

Sports/physical health support for students

Keeping track of events for students

Plants/animals related (helping dogs/cats in shelters)

Community support (helping homeless, old people)

Anything at all - use your imagination