

# What is STEM?

The Science, Technology, Engineering and Math competition is an academic competition designed to engage student's creativity and encourage their participation in STEM education fields.

Established by Members of the US House of Representatives in 2013, this competition is a nationwide event that allows students from across the country to compete by creating an exhibiting their software application, or "app," for mobile, tablet, or computer devices on a platform of their choice.

## Regulations

Register at [studentappchallenge.house.gov](http://studentappchallenge.house.gov). Entry is free and open to all current high school students, 13 years old and above, in participating congressional districts (including home schooled students).

Students may compete individually or in teams of up to 4. Each individual or team will design an app on the platform of their choice and submit it, along with a video demonstrating their app to ChallengePost.com. Cut-off for submissions is 12 pm, Wednesday, April 30<sup>th</sup>.



## HOUSE APP CHALLENGE

*Judges for each participating Congressional District will judge each app based on criteria such as quality of the idea, implementation of the idea, and quality of coding/programming used in designing the app. Each Congressional District may also choose to award prizes of nominal value to winners.*

# Useful Links

1. [Code.org](http://code.org)– For teaching students code
2. [MIT App inventor](http://appinventor.mit.edu/explore/hour-of-code.html)-  
<http://appinventor.mit.edu/explore/hour-of-code.html>
5. [Scratch.mit.edu](http://scratch.mit.edu)– Simple Visual Programming Language
6. [Alice.org](http://alice.org)– For making 3D Animations
8. [The Congressional App Challenge Coalition](http://www.congressionalappchallenge.us)-  
<http://www.congressionalappchallenge.us>

## Key Dates

**February 1<sup>st</sup>:**  
**Competition Opens**

**April 30<sup>th</sup>:**  
**Competition Closes**

**May 30<sup>th</sup>:**  
**Winners Selected**