DESCRIPTION
Youth will pick a name and bring it to life using Scratch computer coding. Youth will briefly present their coding project to the judges.

RULES
Individuals
This challenge is for individuals only.

Age Divisions | Junior (9-13 years) | Senior (14-18 years)
Age is calculated as of January 1, 2019. If an age division has 3 participants or less, the two age divisions will be combined.

Materials | Specifications | Time
A laptop with the offline version of MIT’s Scratch will be provided for each youth. Youth will be given 60 minutes to complete their animation and prepare a brief presentation on their project. Scratch - Animate a Name challenge will serve as the basis of the project. Youth may animate a name of their choice, but it must contain at least 3 letters. Examples include their own name, a nickname, pet’s name, and favorite hobby or animal. No external resources or pre-constructed code may be used during the competition. Images and sounds used in the animation can only be taken from the Scratch library. Students may bring a headset and microphone to assist in recording and testing audio. The presentation should include an overview of their code, why they choose their name, and instructions on how to use their project. The presentation, including a demonstration of the project, should last approximately 3 minutes.

JUDGING
Metric | Placing | Tie Breaker
Each entry will be reviewed by a panel of judges. First through third place will be awarded based on creativity, functionality, programming (recommend including 6 of 12 actions present on the Scratch Tutorial Cards), and oral presentation skills. In the event of a tie, the efficiency of code (fewest steps to achieve a desired result) will determine the winner.

OBJECTIVES
• Youth will learn to think creatively and reason systematically
• Youth will plan and manage activities to develop a solution and complete a project
• Youth will learn how to program by creating simple animations using computer code

HELPFUL RESOURCES
• Scratch Animate a Name Project
• Scratch Animate a Name Educator Guide
• CS First - Scratch Curriculum
• Scratch Video Tutorials
• Scratch Tutorial Cards

CHALLENGE FACILITATOR:
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