millburn education foundation

STEM Fest 2021
CODING CHALLENGE
Dates & Information

For all of our tech kids in town, we bring a fun coding challenge! This challenge was created by Ana Sepetovska, Software Engineer at Microsoft and Anya Parker-Lentz, CEO at Landau Agency.

Registration: Opens Feb 21, 2021
Closes March 12, 2021 at midnight

Submission Date: Submissions must be received by midnight on March 21, 2021
Winners will be announced by the end of March

Eligibility: This challenge is open to Millburn students in grades K-12.

Teams: Students can work individually or as a team. Teams can consist of 1-4 students. Every Team member needs to register individually. At the time of submission of the project, team details will be recorded.

NOTE: Siblings of different ages are allowed to be together in one team but the team needs to participate in the level corresponding to the oldest sibling/team member.

Levels: **BEGINNER**
For Elementary School students
Projects will be in **Scratch**
Recommended experience level**:** At least 3 months of coding

CODER
For Middle/High School students
Projects will be in **Python**
Recommended experience level**:** Less than one year of coding

HACKER
For High School students
Projects will be in **Python or Java**
Recommended experience level**:** More than one year of coding

Prizes: Top three winning entries in each category will get gift cards
- 1st Place - $150
- 2nd Place - $100
- 3rd Place - $75

Top three winning entries in each category (if it's a Team, then each Team member) will get a Certificate of Achievement

Challenge Details: Coding Challenge Details & Specifics

Format of entries: Teams will record a video, up to 5 min, for submission. They will upload the video on YouTube. The video needs to be set as 'Unlisted' (Anyone with the video link can watch your video) and not viewable to the public. The team will be asked to submit the YouTube URL link.

You will find many helpful resources on the net which explain how to upload a video on YouTube.. Copying one of them here. You will need to create a YouTube account first and then follow these directions - https://support.google.com/youtube/answer/57407?co=GENIE.Platform%3DDesktop&hl=en

Submission Instructions: You will receive an email with instructions on how to submit the video a week before the submission date.

Judges: Ana Sepetovska, Software Engineer at Microsoft; Anya Parker-Lentz, CEO at Landau Agency; Julia Truitt, Software Engineer at Facebook; more to be announced.

Rights : In submitting your entry to the Millburn STEM Fest you and your parent/guardian give the Millburn Public School System, The Millburn Education Foundation, and the Millburn STEM Fest unlimited rights to use your entry i.e., video, or any portion thereof, for screenings and in promotional materials at any time, and to publish in print, electronic, or digital form in perpetuity.

By submitting this entry you further agree that the Millburn Public School System, the Millburn Education Foundation, and the Millburn STEM Fest have the right to use your name and entry for public relations, public information, student recognition or awards, instruction, and distribution where the proceeds of such publication benefit the Millburn Public School System, The Millburn Education Foundation, or the Millburn STEM Fest.