



Computer Science 4 High School Google

June 17-21 2013

TELL THE STORY... THE PROGRAM WILL FOLLOW



With funding from Google, the University of Missouri—Kansas City School of Computing and Engineering offered a one-week computer science coding workshop. High school students were given the opportunity to learn how to write a computer code using their own creative stories.



Students used their creativity to work in small groups to write an adventure story, each story centralized around a protagonist with a goal. Developing and applying critical thinking skills, students revised and strengthened their story lines. These critical thinking skills became the basis for the construction of computer programming logic that would be used in Scratch, an educational programming language developed by MIT Media Lab. Scratch is a visual tool that allows students to see the sequence of codes they create to develop a unique program that follows their written stories. Students met on the UMKC campus to work with UMKC faculty and students to develop their stories and learn the logic and programming of Scratch. At the end of the week long program, students were awarded with Scratch participation certificates and the top three student programs were awarded. With this experience students were able to work with a unique software and learn the basics of programming logic.



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For more information please visit the
CS4HS@UMKC website:
<https://sites.google.com/site/umkccs4hs/>

