



<https://youtu.be/w-4-SV8heEI>



<https://youtu.be/bZ-3vcUGPMk?t=443>

BUCKET TEST



Pasadena City College is a proud part of the 2016 Swarmathon competition hosted by NASA and the University of New Mexico. Our outreach aimed to reach children who are neglected in the field of Computer Science, Engineering, and Robotics. During the outreach we (1) conducted a maze for the rovers using children as walls. (2) Made the rovers bust out some sick dance moves on the dance floor. And most notably (3) turned the kids into live rovers.



1.)



Students partner up with one other person and are given time to create a search pattern.

3.)



Buckets on, candy out!



2.)



Each group is given a bucket. The person with the bucket is the rover, whose job is to collect candy while nearly blind. The second person is the spotter whose job is to prevent collision, without talking.

4.)



Each group must collect as much candy as they can within a time limit. Partners switch roles after.

