

# Team Wanda Final Proposal

## Maze Runner Block Edition

Three Mazes of similar size will be built. Each Maze will have Two starting points with three differently colored blocks placed in three different locations. The objective is to have two teams per maze with each team having one Cozmo. Teams of students will program Cozmo to navigate the maze and bring a specific color block back: the fastest team wins. Cozmo has two coding modes, the first is easy block coding with premade commands that move Cozmo a set amount, and second is the intermediate coding, a more standard code-writing format. For example, in the block code, the turn command turns Cozmo 90 degrees clockwise or counterclockwise. Intermediate coding allows for more fine control of Cozmo with the user having control on Cozmo's exact movement and



speed. Younger students, and those having difficulty, will use the simple block coding mode. Older students, and those with more experience, will use intermediate coding.