

# Color Strip Challenge

A two feet color strip made up of Lego plates of alternating red, green, and blue pattern. See example below. The robot with a color sensor can drive from anywhere along the color strip starting from a random chosen place by the judge, then it has to stop after moving a few inches and register the color it sees by performing an action such as reporting the color, flashing different color lights, or display images/ words on LCD screen. It has to do this 3 times to show that it can sense different colors. Another level would be a color of strip of 6 colors instead of 3. ( red, blue, green, yellow, white and black)

