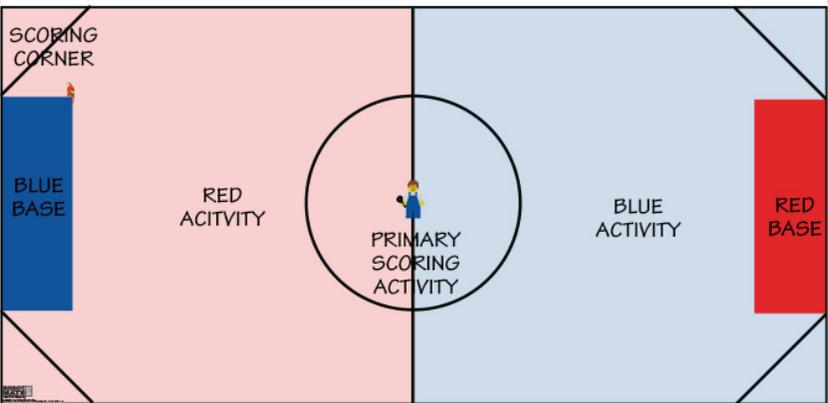
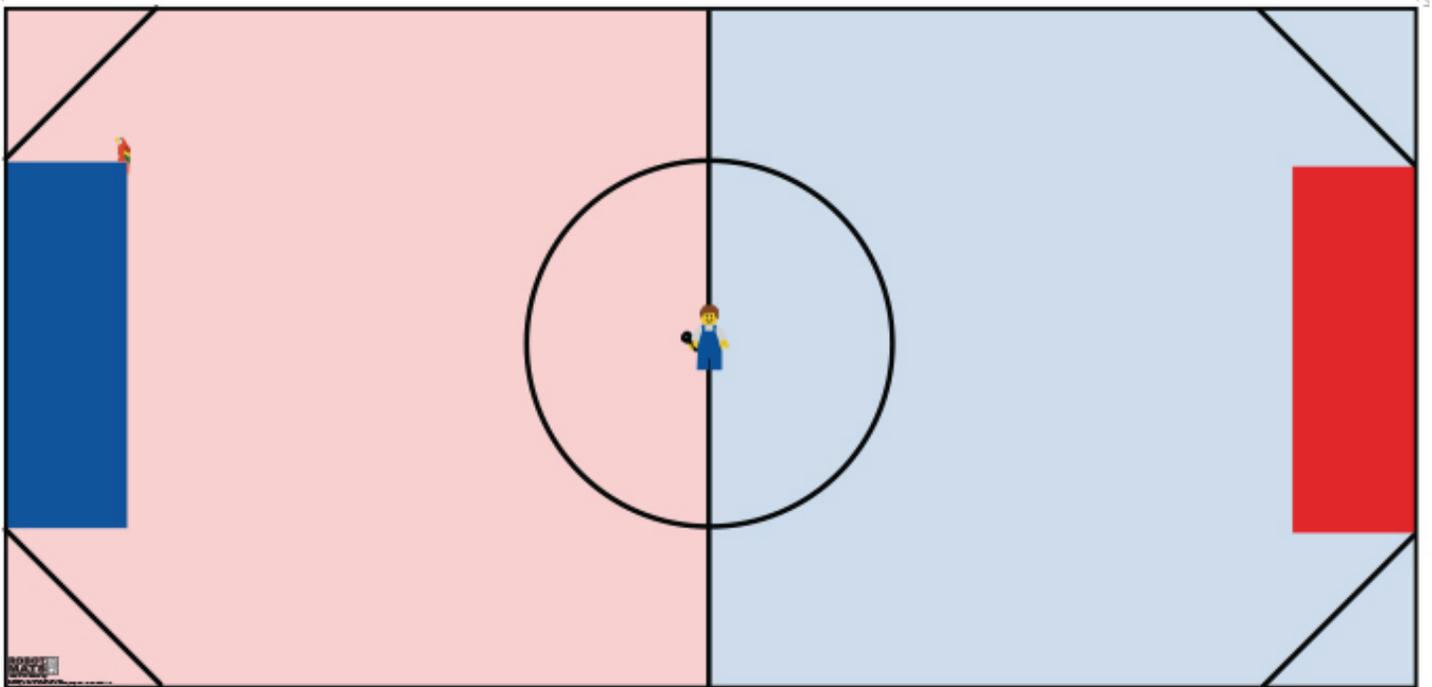


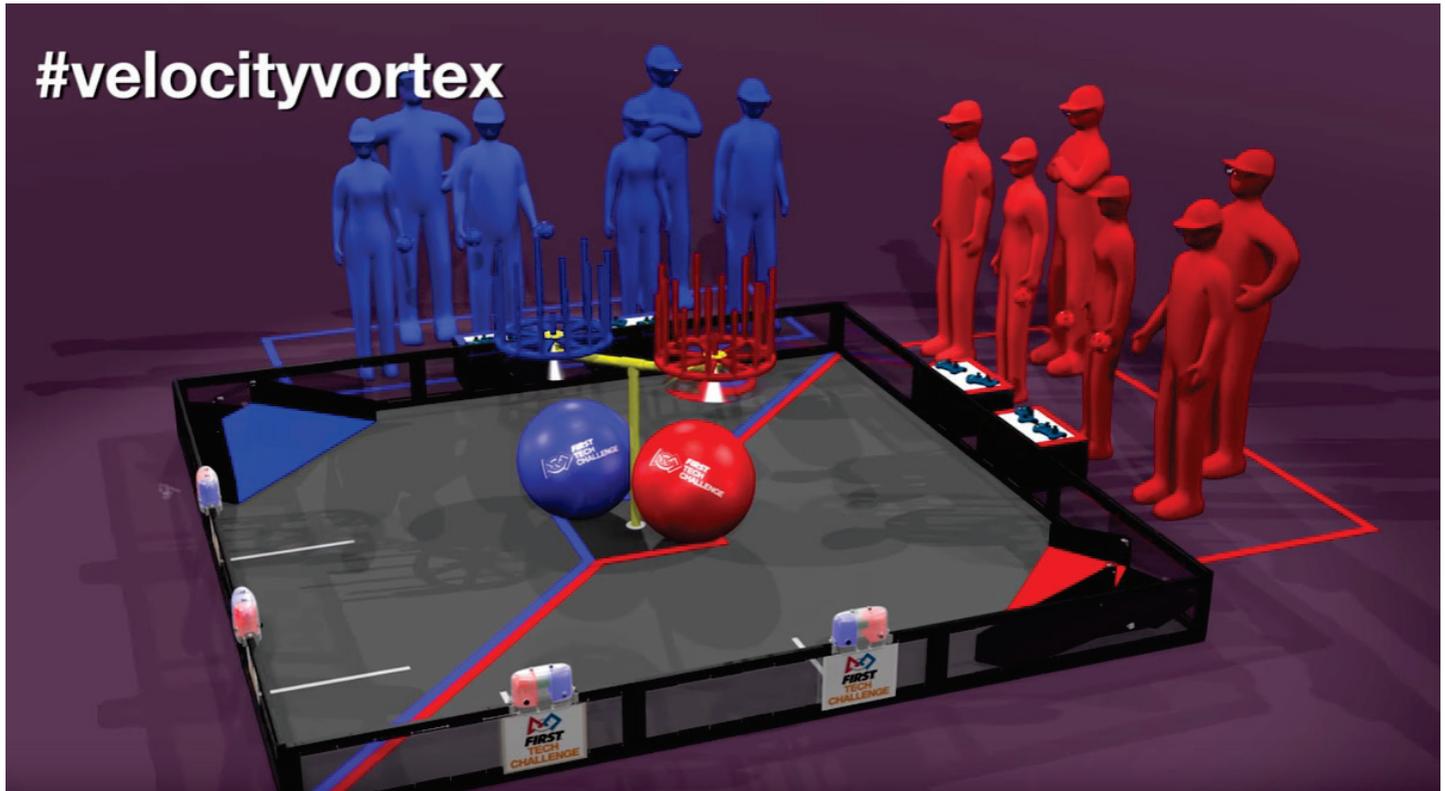
Mat Type: Competition Mat – CM001

Mission Description: Since EV3 components can easily be remote controlled we would like to see teams try FTC/FRC/VEX style competitions with LEGO EV3 systems. This mat provides a standard FTC-like field on which a number scoring elements can be placed. See the next page for an example based on the 2016-17 FTC challenge. One, two, or three robots are placed on each end as a red and blue alliance. They then do any combination for autonomous (programmed) and tele-op (driver controlled missions) to score points. *We would love to see this introduced to FLL in the future so try it and let the folks at FIRST LEGO League know how much fun it is.*



Example Based on the 2016-17 FIRST Tech Challenge Competition

This year's FTC game includes capturing and shooting whiffle balls in the center wheels or scoring them in the corner goals and putting a large ball on the top at the end.



This could be easily and affordably replicated on the FLL table by using a red and blue can about 6" high in the center in which small marbles or plastic balls can be scored and using large whiffle balls (1 per team) to have them placed on the top of the cans at the end.

Just look at any previous FTC or VEX challenge and you will see how easy it is to do this.