

Section
1

CREATE JR.

Zig Zag Introduction

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Section 1 – Introduction

1.1 – Overview

This section provides background for the CREATE Junior game called *Zig Zag*.

1.2 – Introduction

Competitive robotics have been around for over two decades at the high school level with middle school teams joining in greater numbers over the last few years. The purpose is to engage students in a technology based activity which is compelling and fun, and to prepare them for careers in engineering, technology and science, has never been needed more than today.

With the advent of high quality, integrated and affordable robotics kits, participation has exploded and allowed younger students to join in the excitement. With the goal to introduce more students at a younger age to the educationally rich and socially engaging activity of competitive robotics, the CREATE Foundation has developed the CREATE Junior game, *Zig Zag*. This new level of competition is built upon the popular VEX Robotics Platform. The games will be exciting, fun and will introduce the students to the world of robots.

On the following pages are all the rules of the this fast paced challenge. Your team will have the challenge of designing, building and testing your own robot to push, lift and drive beyond the competition.