

Week One: January 9, 2010 – January 16, 2010

The 2010 FIRST Robotics Competition released the 2010 game on January 9. This year's game is *Breakaway*. In this game, two alliances compete by shooting balls into goals; each goal scored is worth one point. Each match is two minutes and fifteen seconds long. The first fifteen-second period of the match is the autonomous period. During the last twenty seconds of the match, also known as the finale, the robot may climb up the alliance tower and elevate itself for two points. If you would like to view the 2010 game animation, visit http://robotics.arc.nasa.gov/events/2010_frcwebcasts.php

On Sunday afternoon, the team met and established ten categories critical for as successful. We then assigned a weight to correspond with each category. We met again on Monday and split up into three groups. Each group spent Monday, Tuesday, and Wednesday coming up with a design that they thought would best compete in the game. On Thursday night,



each group presented the design they

had created. We returned Friday night to rank each design in compliance with the ten categories. After ranking each design, we picked the favorite aspects from each group's robot design. The design we selected includes two kickers, one in the front and one in the back. On Saturday and Sunday, several people worked on prototypes for a kicker (pictured left and right). In order to hold the ball in place, we are planning on reverse spinning wheels. For the driving system, we are going to use crab drive system similar to the design on our 2009 robot.

Upcoming

On January 30, from 8:00 to 10:00 AM at the Applebee's on 291 N, Team Driven will be having a pancake breakfast. The cost for breakfast will be six dollars. One-half of the proceeds will go to Team Driven. This is a great fundraising activity, so we hope to see you all there!

Countdowns

Days until the robot is shipped:
34 days
Days until the Kansas City Regional:
46 days
Days until the Boilermaker Regional:
60 days