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Team Aperture's 2016 Build Season Progress: Week 1 of 6

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Aperture, Newton Public Schools' high school robotics teams, is off to a great start since the initiation of their Build Season on January 9. After excitedly attending the 2016 *FIRST*kickoff at the New Jersey Institute of Technology, the team learned that this year's challenge was to build a robot to defend their stronghold as well as to invade their opponent's.

This capture-the-flag-like challenge requires the robot to shoot goals, bypass obstacles, and dodge opponents.

Monday, January 9 marked the start of the first week, out of six, in the building process. There are several sub teams that make up Team #3142 Aperture.

One is the safety team, who has been preparing to help other teams during competitions. They are ready with their freebie safety packets containing various items from juice boxes for low blood sugar to baking soda for the rare, but possible dangers of acid spills from battery leaks.

In addition, invitations for Aperture's STEM Partner Open House were recently sent out to the team's sponsors, family, and friends.

Finally, the build team has fully conceptualized the basic concept of the robot and are in the process of creating it in SolidWorks, the team's CADD software.

For more information about the team and their upcoming competitions, check out their Facebook, Twitter, and Instagram pages, or head to www.newtonroboticsteam.org.

Get updates about what the students of Newton Public School's award-winning robotics division have been up to. A part of FIRST *Robotics, Newton Robotics Team has proudly served and contributed to expanding STEM Education (Science, Technology, Engineering, Mathematics) to the community and students since its establishment in 2009.*

Coached by James Hofmann of Halsted Middle School with the assistance of Darleen Nelson, the program ensures that students from grades five through 12 are provided with an exploration to 21st Century Life and Careers with more hands-on opportunities in Engineering, Science, Business, Public Relations, Marketing, Industrial Safety, and more.

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