

## Newton High School team shows off robot



Photo by Daniel Freel/New Jersey Herald- Guests watch as Newton High School's robotics team demonstrates its robot during the school's STEM night Thursday. This year's robot is designed to throw a rubber ball through standing target.

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NEWTON -- Newton High School's robotics team held its STEM Night — science, technology, engineering and mathematics — to unveil its latest robot.

The robot, which has not yet been named, will be entered in the first qualifying competition this weekend at Mount Olive High School.

"This year's challenge is called stronghold. You have to overcome multiple defenses," Carter Boyd, a junior, said in explaining the model.

The robot has treads on it, in the model of a military tank, and a mechanism that shoots a dodgeball-like object through a castle window.

About 75 were in attendance for the presentation Thursday.

James Hofmann, the team's faculty adviser, said, "The kids did a great job."

Last year's robot qualified for the FIRST Robotics International Championships in St. Louis.

It was the third time in six years the school has sent a team to the world finals.

The acronym FIRST stands for: For Inspiration and Recognition of Science and Technology.