

“Ready...Set..LAUNCH”

Greater Lexington NSBE Jr. hosted a rocket-building workshop. Lexmark International, Inc. Mechanical Engineer, Herman Smith led the kids through a series of activities to test out various variables to see which helped launch their rockets that farthest. The rockets were made of 2 liter soda bottles, water, sand and had cardboard fins attached. Each NSBE Jr. member got to build a rocket to test the variables and track the distance traveled. The rocket launcher was a homemade project of Herman's. The lesson ended with a great summary of the differences between scientists and engineers, forming a hypothesis, testing variable and discussions on physics (focusing on momentum).

For pictures visit the Facebook Album [here](#).

For videos click here: [Part 1](#), [Part 2](#), [Part 3](#), [Part 4](#) and [Part 5](#).