



Part 1: Workshop

Workshops



We had 28 middle schoolers at our workshop

Star  off with workshops was a great way for those curious about robotics to be introduced. **IRIS Community Service Proj... Part 1: Workshop** Sat 2: Camp

We planned for a wide range of experiences and interests, as much as we could fit into an 8 hour Saturday workshop. We started off by introducing them to the world of VEX and this year's competition, tipping point, and by explaining the rules and objective. We also showed them the competing robots that we were working on, and encouraged them to ask questions. Next, we let them brainstorm ideas for robots of their own creation, bringing them closer to the process of building a competing robot and connecting their ideas to a real life concept.

Next we introduced them to some hardware and taught them how to build a drive base. Some built a clawbot, while others took a different route and built from their imagination. The ones that finished early were taught some coding, but in the end most robots were coded by us so that they could have a chance to drive their creations. They learnt the basics of VEX Robotics, engineering, and some coding. Those that wanted more signed up for our camp!

