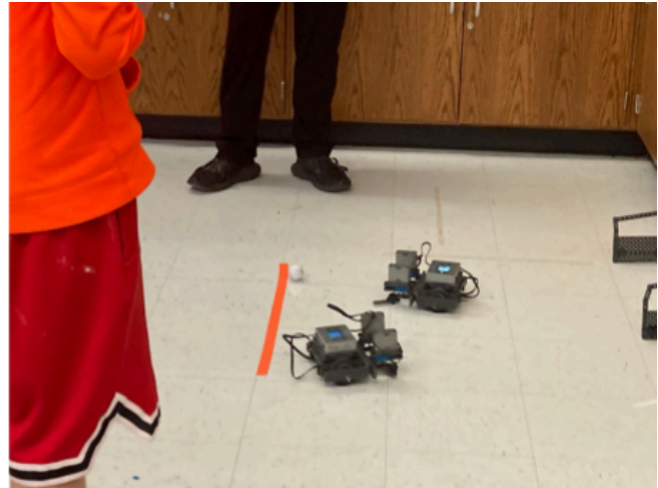
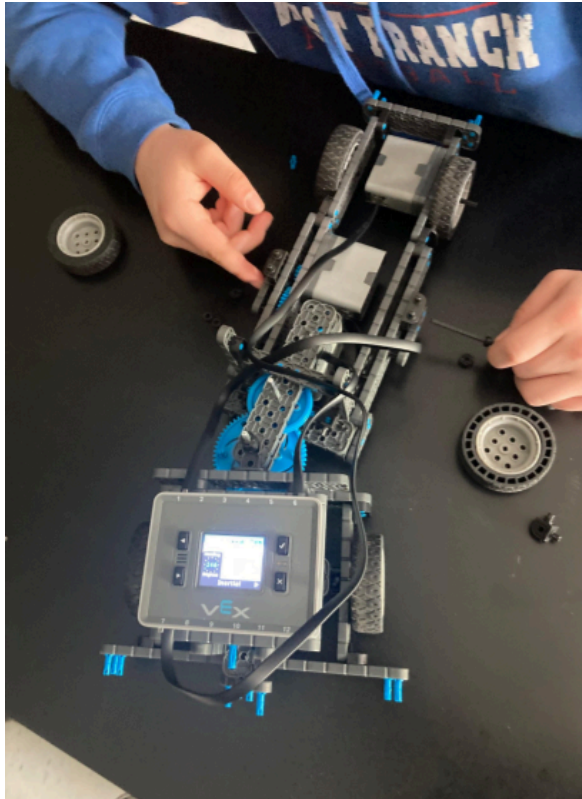


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We have Brains!

Updating robot brains and batteries made a huge difference this spring.



by [Andrew Chimenti](#) on May 23, 2024

In the first semester of the 2023 -2024 school year my Robotics I class was met with many challenges due to our obsolete and worn down robot brains and batteries for our Vex IQ generation I robots. The company has since discontinued production of the Vex IQ generation 1 brains and batteries adding to the challenge of keeping the class running properly.

The \$1000 venture grant allowed our class to purchase 5 sets of generation 2 Vex IQ robot brains and batteries that are a huge upgrade from our previous, well worn equipment. These new components integrated seamlessly with the old generation 1 parts and allowed

my Robotics II class to build and program several different robots. Each robot was put to a different challenge or game to test its functionality and as a fun way to earn grades. You'll see in the picture two of their favorite robots. These were used to do truck pulls, races and even play a robot soccer game.

When asked how big of an impact the new brains and batteries made in the class, Reed Yinlging said that, "They made a big difference because they were way faster to pair and the batteries lasted way longer".

Frankie Leskovansky remarked "It was really nice to be able to charge our robots using our computer chargers!"

Noah Gay said he remembered the struggles that we had with the old brains when he took Robotics I last year. He said that the new brains were the main reason he wanted to take Robotics II.