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Electronics

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Final Project Description

Joe had the idea to build a catapult. A vex motor will be wired to the Arduino bread board to wind up a rubber band. The rubber band will be attached to a plastic spoon that will bend on the axel of a tripod with a rod across the top. The rubber band will wind back, the spoon will bend over, and there will be potential energy stored in the spoon. Next, we will program a photo sensor to cause the vex motor to spin the wheel the opposite direction (back towards the catapult) so that the projectile will launch when the photo resistor detects darkness.