This afternoon the entire group got together to put the copper wire on a 2ft.X4in. PVC pipe. Once the pipe is wired and coated it will be used as our secondary coil. We started by cleaning the PVC pipe and marking a gap 14 inch long on the pipe. The PVC pipe was then attached to the lathe by PVC pipe converters on each end. The wire was attached to one end of the pipe with tape and then the running of the wire began. The first few turns were done by hand so that the wire would not overlap. One person was needed to run the lathe and count, two people helped align the wire using credit cards, and another kept the wire spool tight. It took 1014 turns on the lathe to fill the 14 inch gap with 26 gauge wire. Over the next few days we will be adding multiple coats of Polyurethane to protect the coil.