In the past year, we have been developing techniques to teach about gerrymandering and fair elections in our introduction to Mathematics course. Students are asked to think about fairness and how to quantitatively characterize fairness in an apparent gerrymandered election. In this talk, we will share some of the lessons and activities we have developed to address the problem of redistricting from apportionment to metrics to detect gerrymandered districts. We will also present some projects with undergraduate students that have continued beyond the classroom. (Received September 13, 2019)