Learning objectives:

1. **Discuss** the history of gerrymandering
2. **Interpret** the philosophical grounds against gerrymandering
3. **Summarize** the efforts to circumvent legal impediments to gerrymandering
4. **Analyze** and **implement** mathematical approaches to quantifying gerrymandering

Deliverables:

- Paper on ethics of gerrymandering (demonstrating 1,2,3)
- Program to output the "most", "least" favorable, and "most competitive" districts for a given input
- Suite of tests for the program
- Extra: Extend the inputs to be more "complex"

Grading scale:

- There will be a grade assigned based on quality of deliverables and discussion.

Github link here:

Schedule

1. Planning
2. Talk about 2 papers – Andrew will send papers to robert
3. Test bench written and demos – with some mocks (https://docs.python.org/3/library/unittest.mock.html)
4. One algorithm implemented
5. Second algorithm implemented
    - SPRING BREAK
6. History stuff? And tie in the code?
7. X
8. X
9. X
10. Essay due?

Papers: