

## RESEARCH QUESTION

What are the factors that impact female students' decision to take CS classes at OGHS?



## BACKGROUND

Orange Glen is....

- Low income
- Predominantly Hispanic
- Estimated about 1900 students (from last recorded survey)



## METHODOLOGY

**Methods**

We sent out a survey to all OGHS students through email. We also created a QR code to the survey and put them around campus so more people would take the survey.

**Data**

- A total of 137 students took the survey.
- There was a majority of senior participants.
- Many people had heard about CS on campus, but did not take any classes, despite having an interest.
- Overall, there is interest in CS but no encouragement from counselors or outside resources.

## RESULTS

- Out of the 137 responses we collected:
- 49.6% (68 Responses) were female, 44.5% (61 Responses) were male, 5.9% (8 responses) chose not to say or were non-binary.
  - Most females identified as latinx/hispanic & most were fairly interested in STEM
  - 61.9% of female respondents knew about CS classes at Orange Glen
    - o 77.8% were not enrolled in a CS course
    - o 24.4% said it was their first time hearing about CS
  - 70.4% of the responses did not know what credits CS classes offered

## RECOMMENDATIONS

We believe the following recommendations will contribute to improving the lack of females in CS:

- Current CS students should go to other classes and talk about CS (what we learn & fun projects we do)
- 8th grade fair to recruit incoming freshman
- Inform counselors so they can suggest it to students
- Computer Science showcase