




Board Meeting Data Presentation

27 February 2024
Spokane International Academy



Background


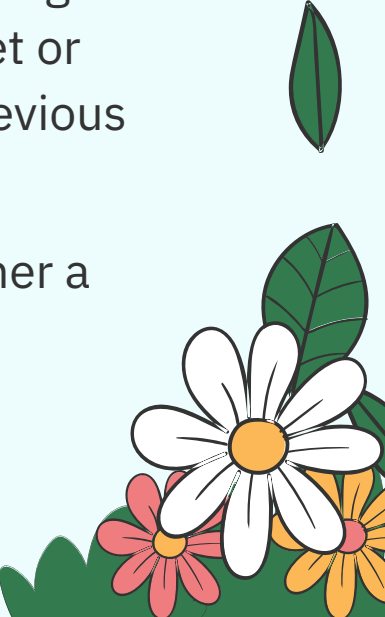
- Winter NWEA MAP tests were administered to SIA students from February 5th through February 13th.
 - The tests assess students' proficiency in reading and math.
 - NWEA MAP tests provide valuable data to educators about students' academic growth and areas for improvement.
 - Results from the winter tests help inform instructional strategies and interventions tailored to students' needs.
 - The tests are aligned with state standards and provide benchmark scores to track student progress over time.
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Winter MAP Test Results

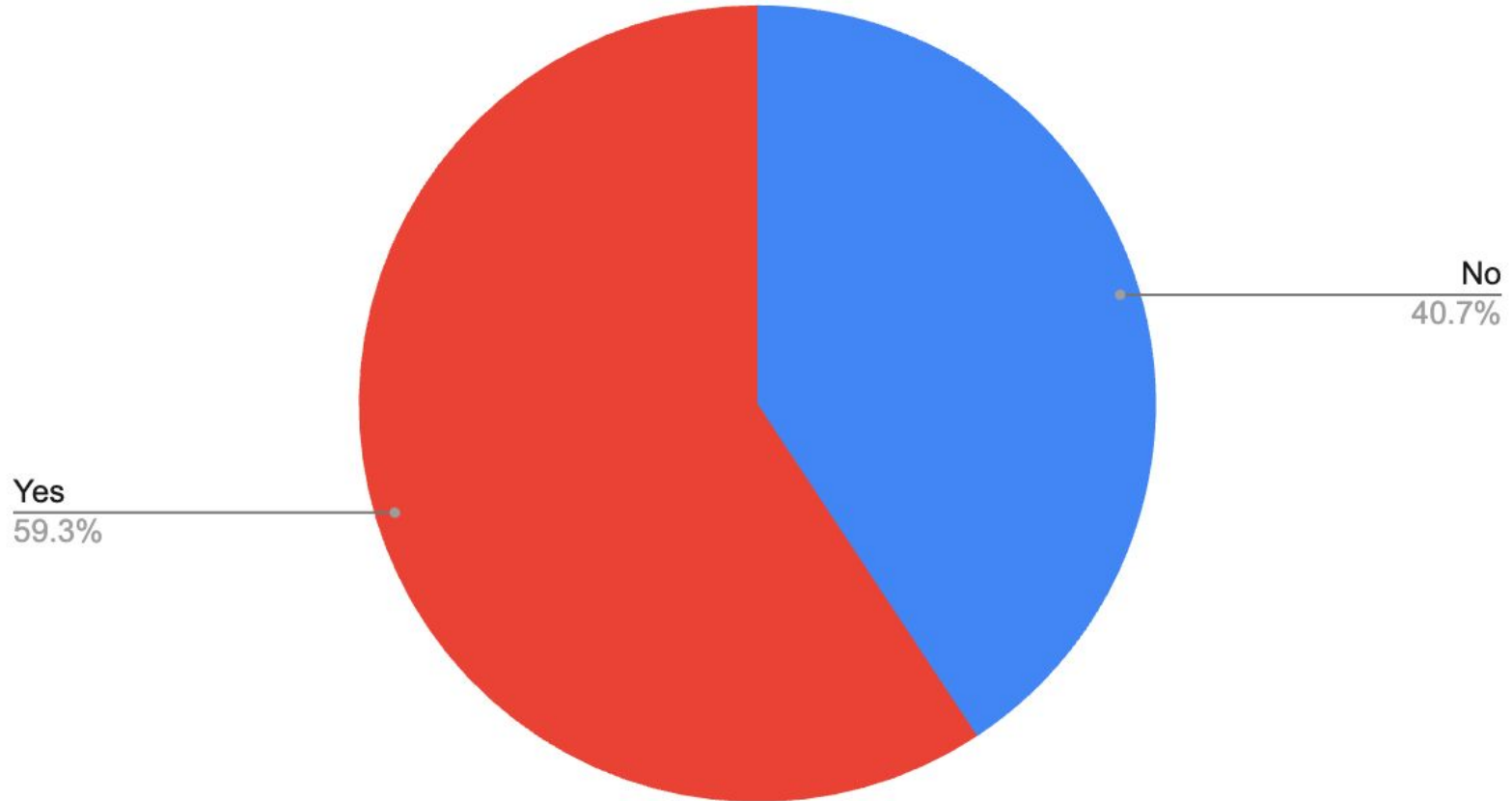




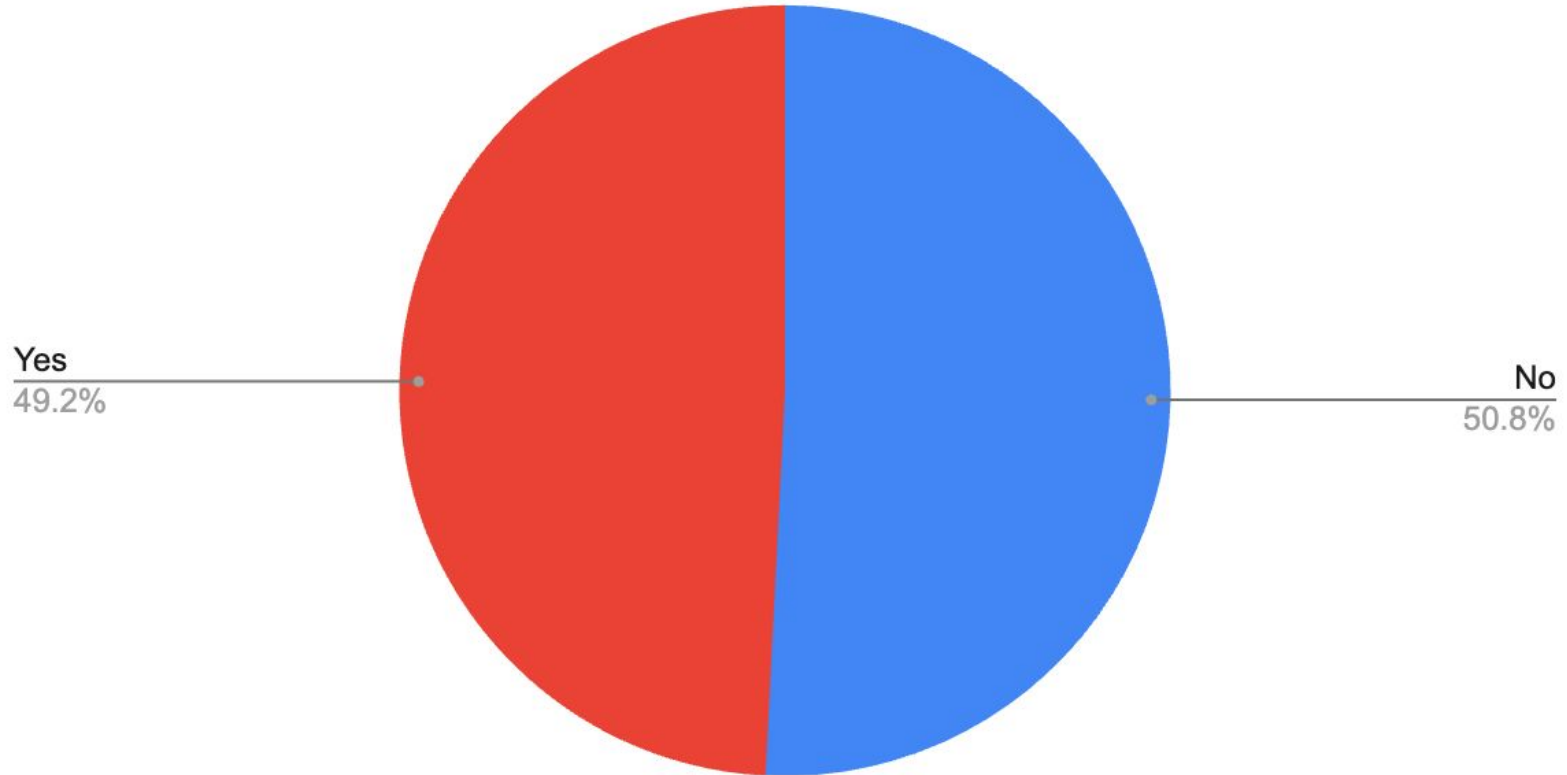
Projected Growth Goals

- The MAP test measures students' growth by comparing their current RIT scores with their previous scores.
 - The test will show whether a student has met their projected growth goal by assessing whether their current RIT scores have met or exceeded the expected growth trajectory based on their previous performance.
 - In other words, the test provides a clear indication of whether a student has made the anticipated progress toward their individualized growth goal.
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Math: Fall to Winter Met Projected Growth (Whole School)

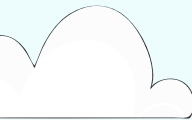


Reading: Fall To Winter Met Projected Growth (Whole School)




Focused Analysis






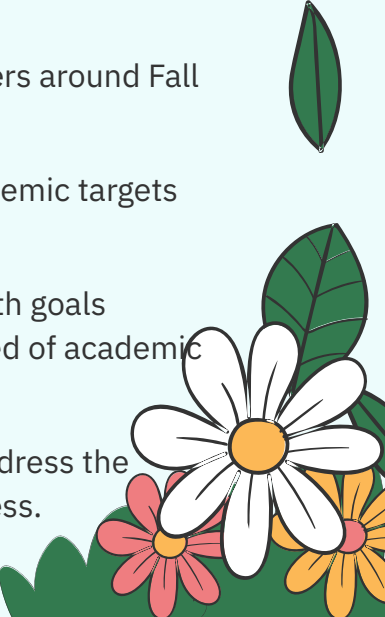
Winter Test Results for Bottom 40th Percentile Students



- The focus for the Winter test results centers on students in the bottom 40th percentile.
- School-wide goals submitted to the Charter Commission were built around specific percentages of students in the bottom 40th percentile achieving their projected growth goals. Click [here](#) to view the goals.
- Please note that these goals are measuring Fall to Spring growth. This presentation centers around Fall to Winter growth, so there is still time for more student improvement.
- By concentrating on this cohort, we aim to assess progress towards our overarching academic targets and ensure equitable growth opportunities for all students.
- Analyzing whether students in the bottom 40th percentile have met their projected growth goals provides valuable insights into our school's effectiveness in supporting those most in need of academic growth.



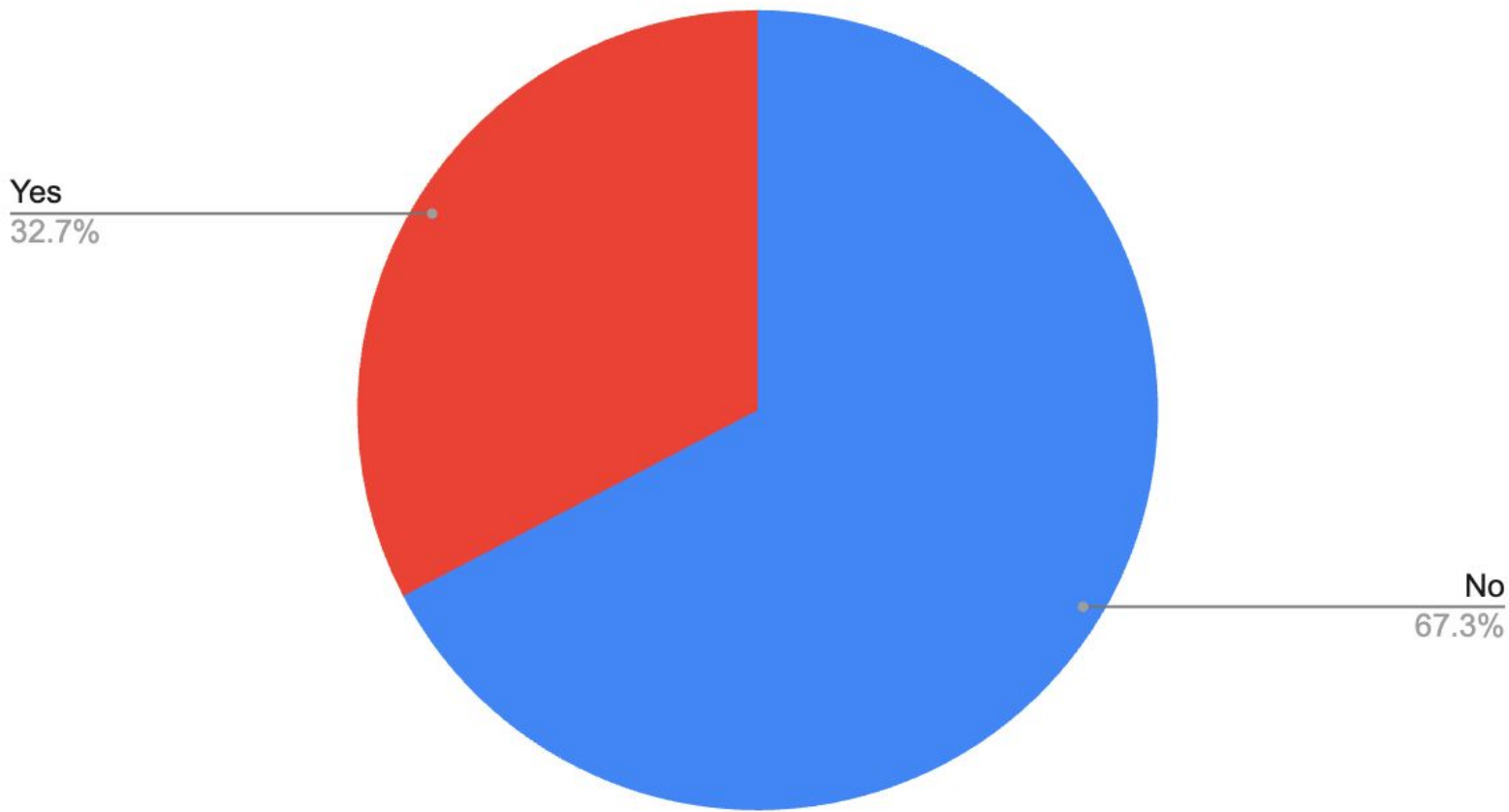
This targeted approach allows us to tailor interventions and instructional strategies to address the unique needs of these students, fostering their academic advancement and overall success.



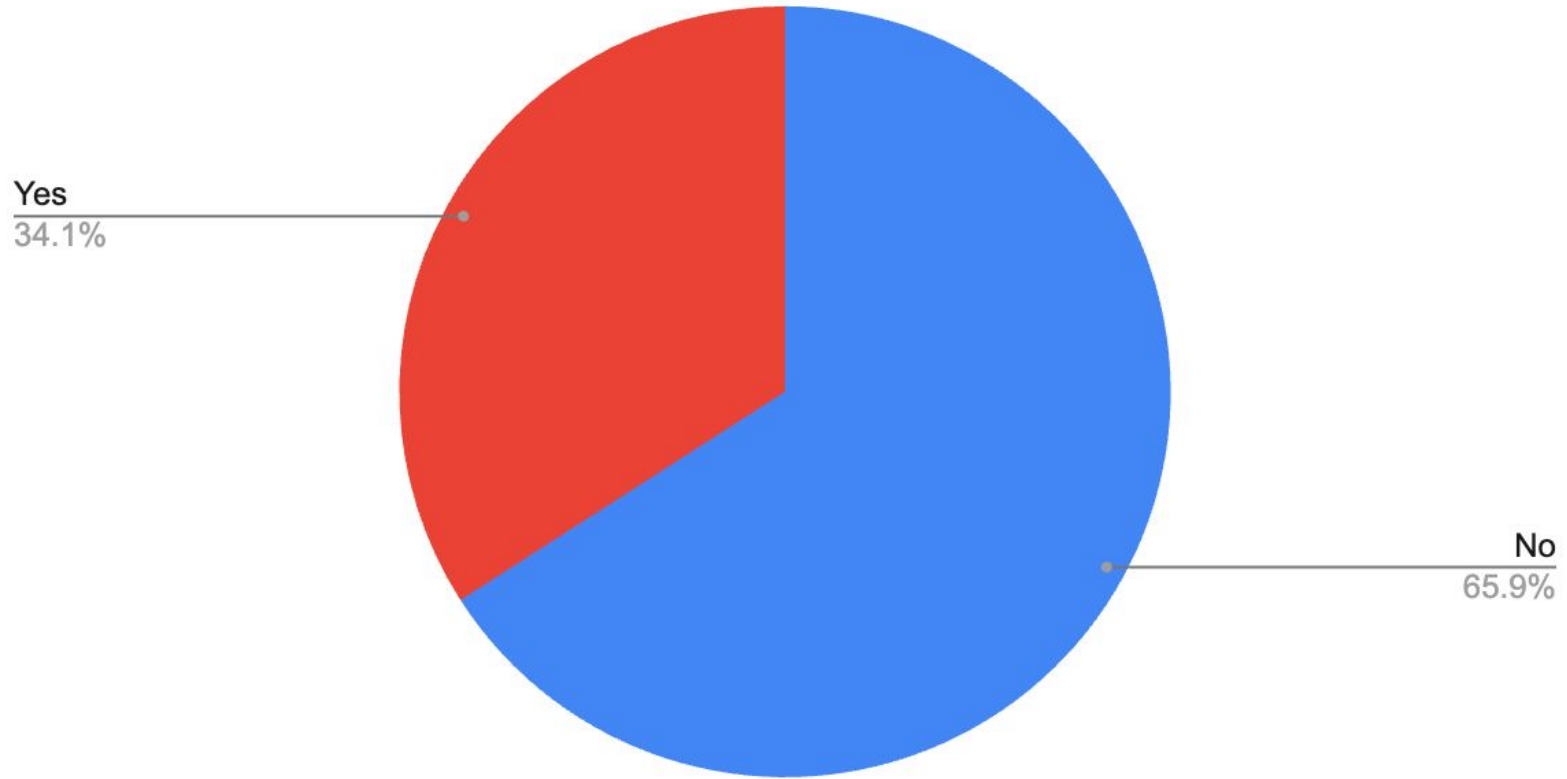


Math: Bottom 40th Percentile by Academy

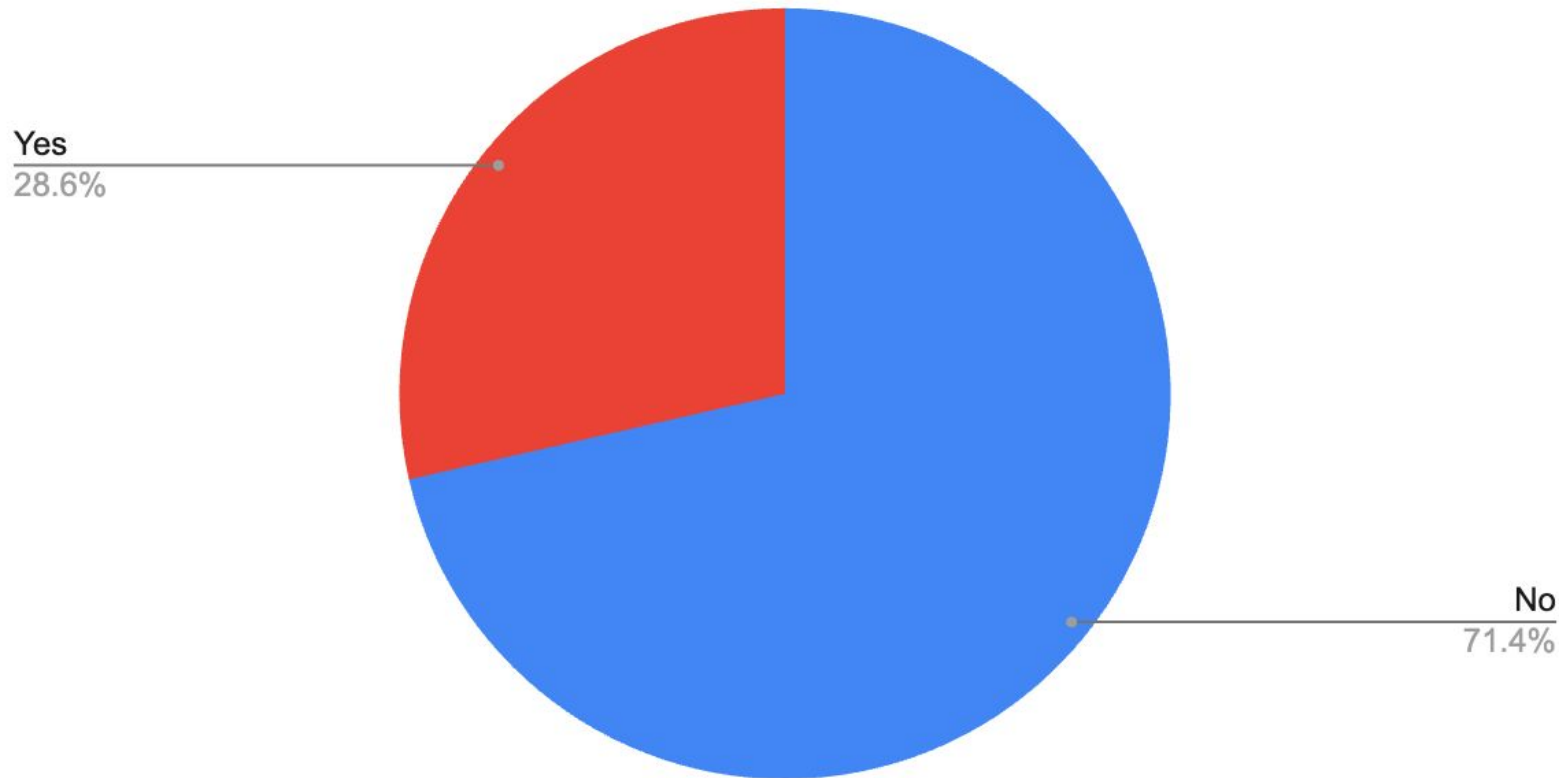
Math: Fall to Winter Met Projected Growth (Bottom 40%)



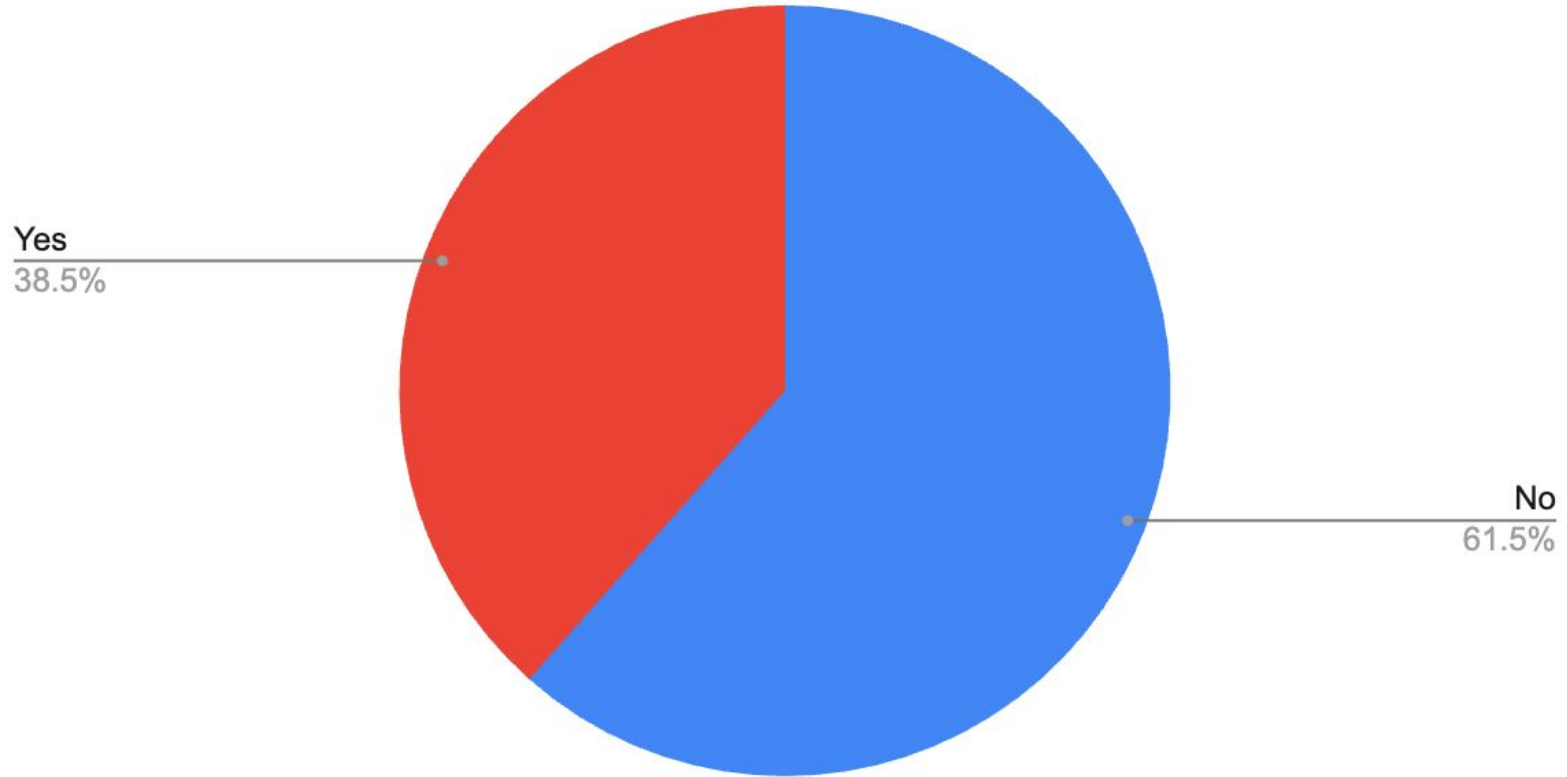
Math: Fall to Winter Met Projected Growth (Primary Academy/Bottom 40)



Math: Fall To Winter Met Projected Growth (Middle Academy/Bottom 40)



Math: Fall to Winter Met Projected Growth (High School/ Bottom 40)

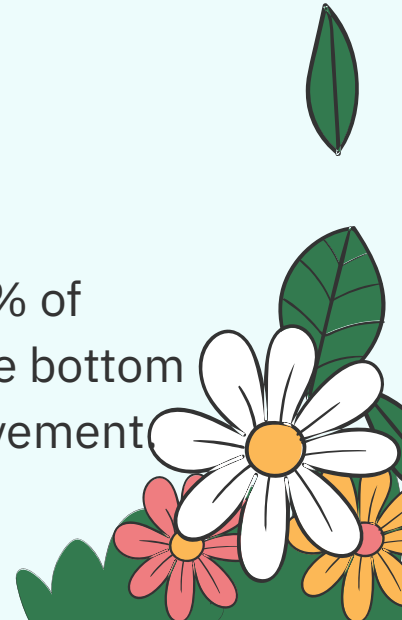




Summary of Winter Test Findings: Bottom 40th Percentile in Math



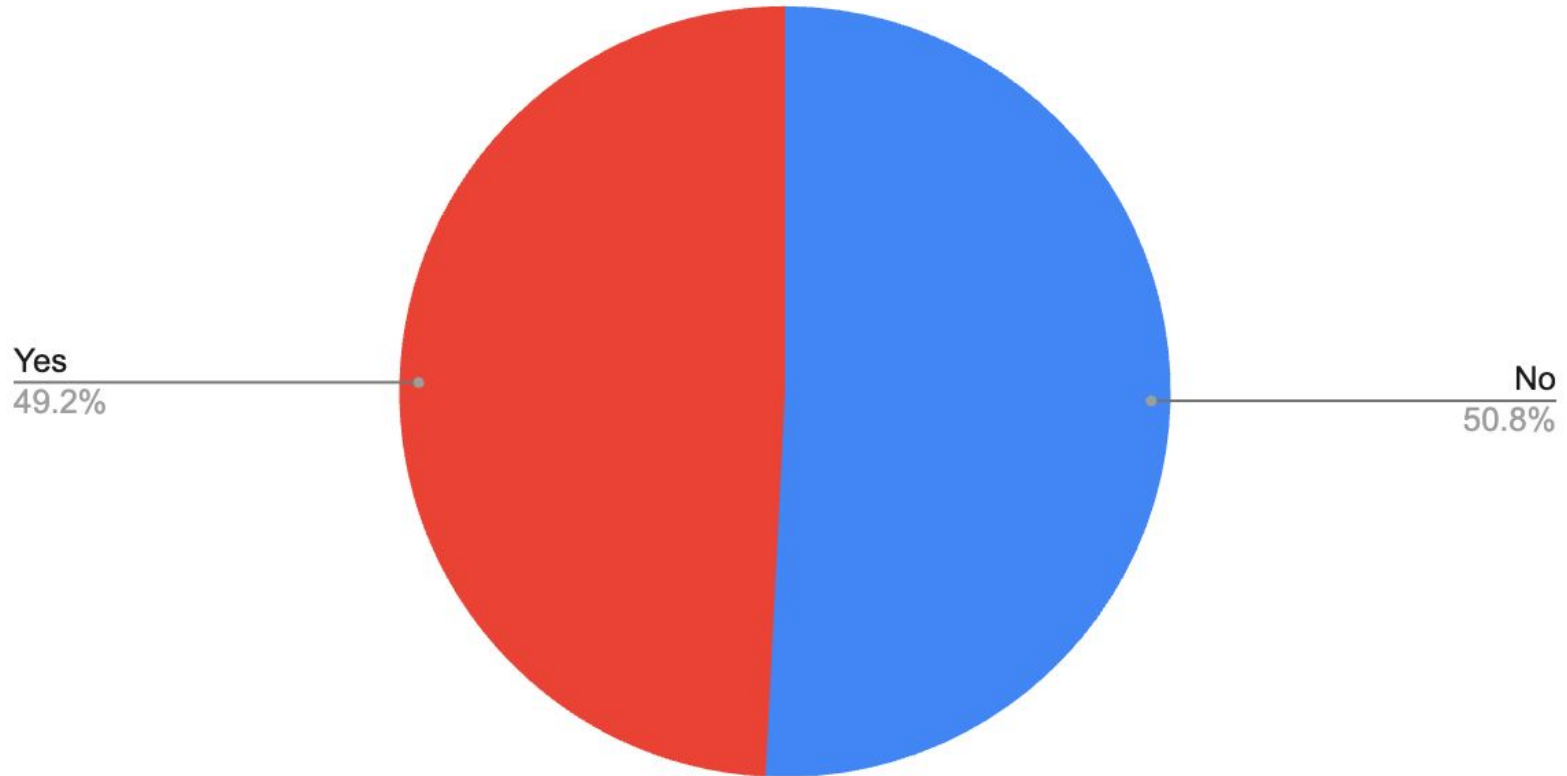
- **Whole School:** 32.7% of students met their projected growth goal in math.
- **Primary Academy:** 34.1% of students met their goal.
- **Middle Academy:** 26.6% met their goal.
- **High School:** 38.5% of students met their goal.
- While the overall school data shows a commendable 59.3% of students meeting their growth goal, the performance of the bottom 40th percentile in math indicates room for targeted improvement.



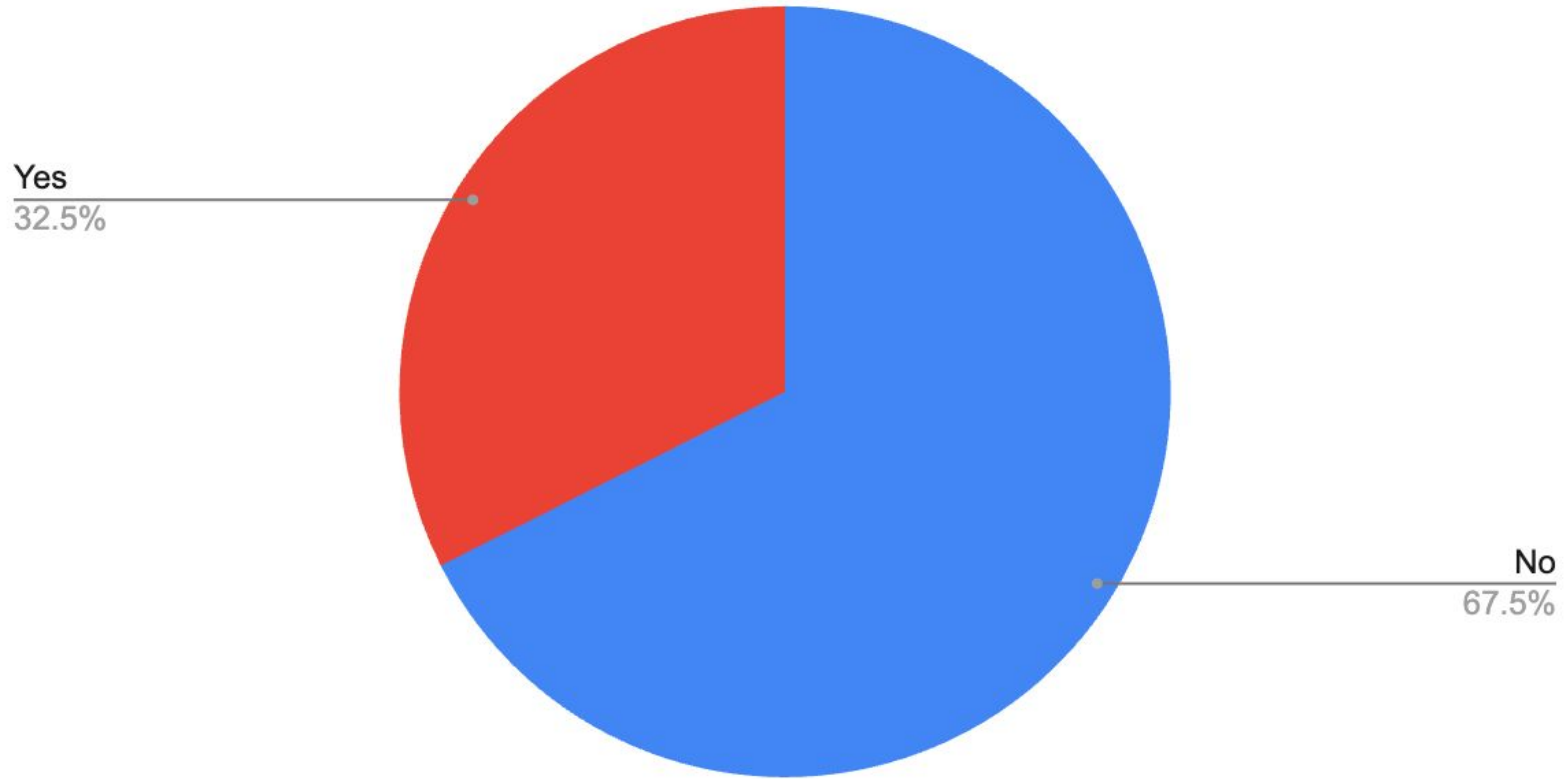


Reading: Bottom 40th Percentile by Academy

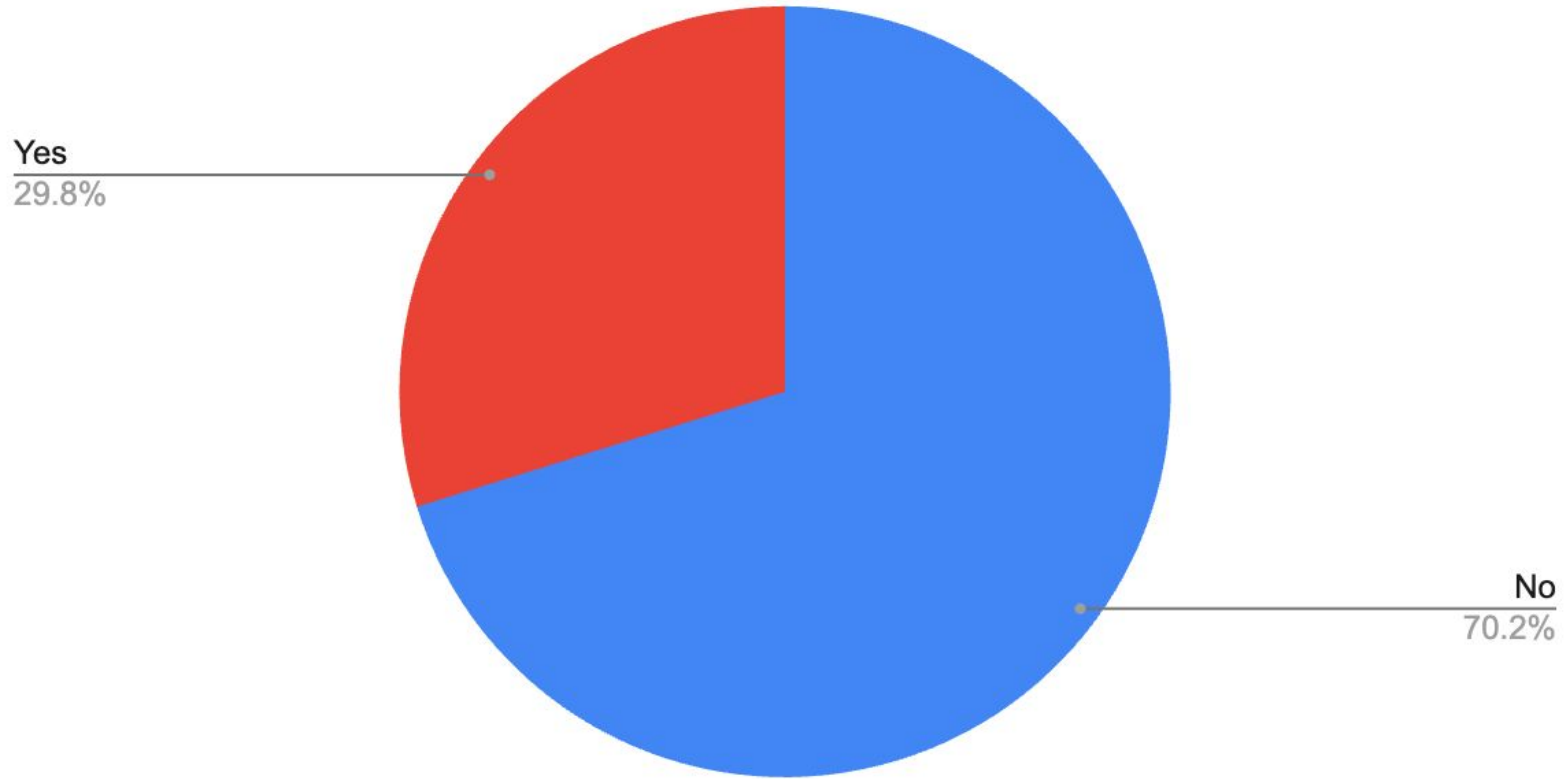
Reading: Fall To Winter Met Projected Growth (Whole School)



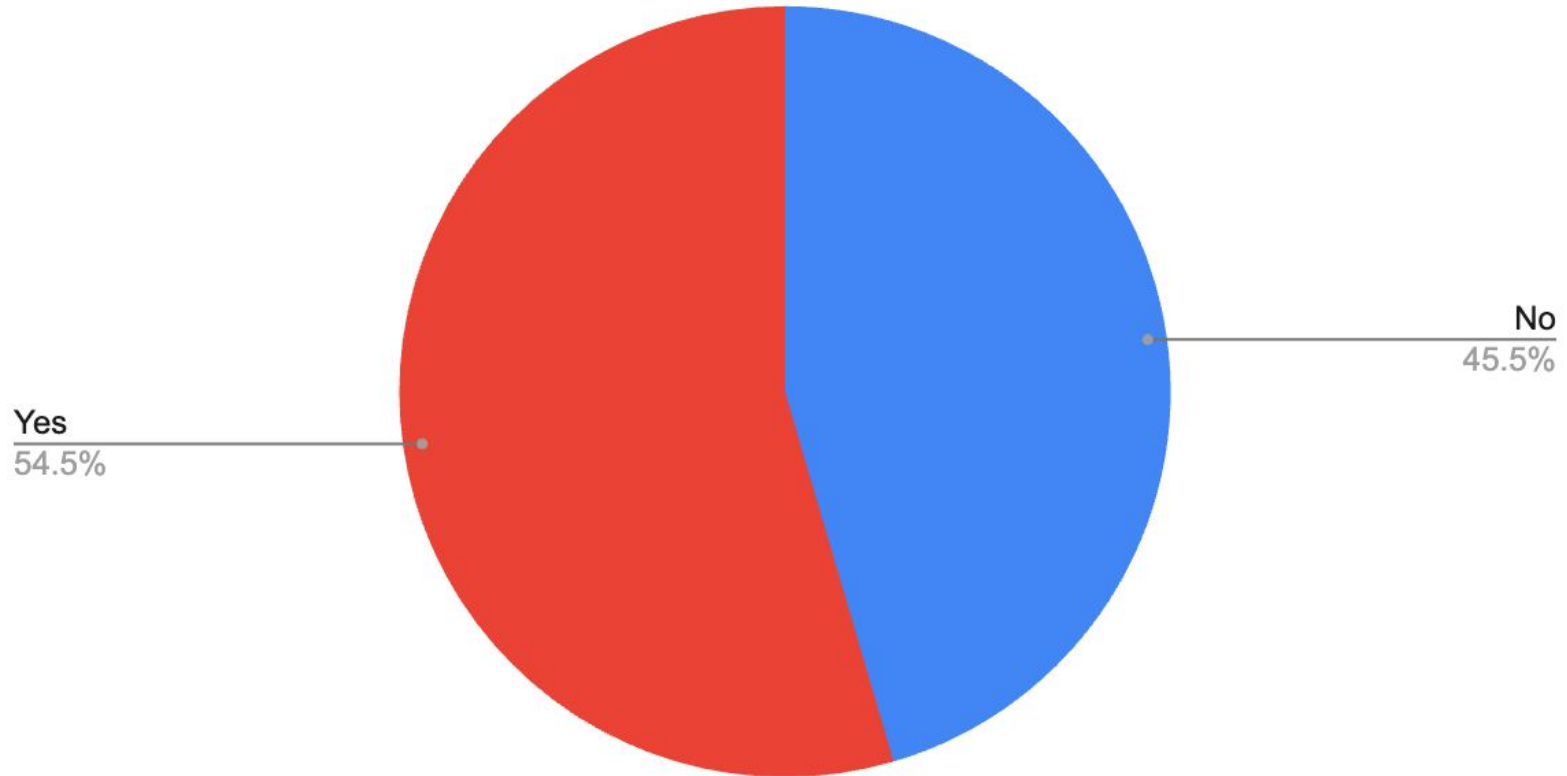
Reading: Fall To Winter Met Projected Growth (Primary/Bottom 40)



Reading: Fall to Winter Met Projected Growth (Middle/Bottom 40)




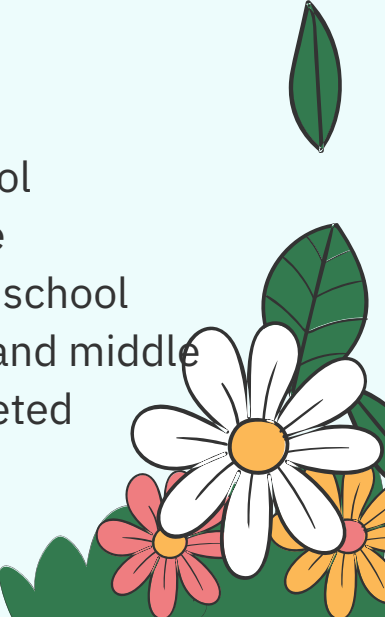
Reading: Fall to Winter Met Projected Growth (High School)





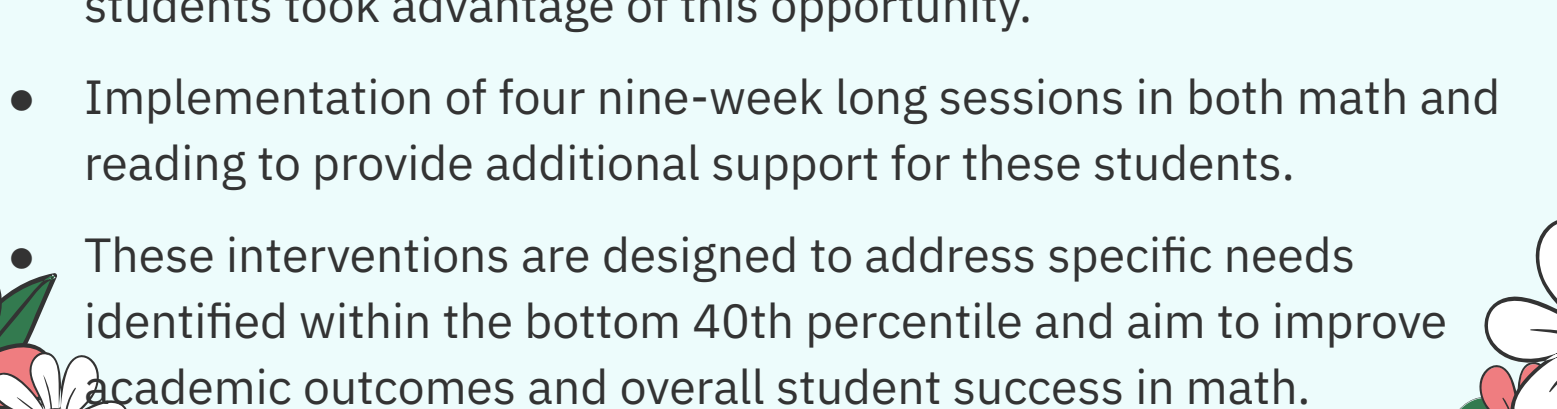
Summary of Winter Test Findings: Bottom 40th Percentile in Reading



- **Whole School:** 49.2% of students met their projected growth goal in reading.
 - **Primary Academy:** 32.5% of students met their goal.
 - **Middle Academy:** 29.8% met their goal.
 - **High School:** 54.5% of students met their goal.
 - The data suggests a notable discrepancy between the overall school performance in reading, with 49.2% meeting growth goals, and the performance of students in the bottom 40th percentile. While high school students in this percentile surpassed the overall average, primary and middle academy students lag behind, indicating a need for additional targeted interventions.
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Interventions

- Students in the 0-20th percentile receive pull-out services with our reading and math interventionists.
 - Students in the 21st through 40th percentile have the opportunity to participate in after-school tutoring twice a week; however, not all students took advantage of this opportunity.
 - Implementation of four nine-week long sessions in both math and reading to provide additional support for these students.
 - These interventions are designed to address specific needs identified within the bottom 40th percentile and aim to improve academic outcomes and overall student success in math.
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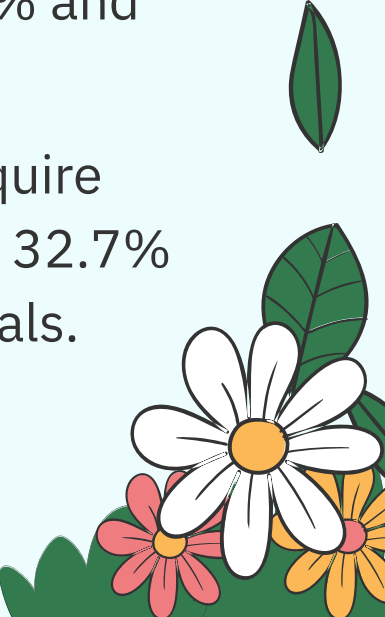


Conclusion and Next Steps




Summary



- While celebrating successes, we acknowledge areas for growth.
 - High school reading demonstrate strength, with 54.5% and 49.2% of students meeting their growth goals
 - However, math for primary and middle academies require more targeted intervention and support because only 32.7% and 32.5% of students met their projected growth goals.
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Next Steps

- Based on our preliminary data, here are some next steps to help us increase student achievement on the Spring MAP tests.
 - Conduct in-depth analysis of data to identify trends and patterns within the bottom 40th percentile.
 - Strengthen existing interventions such as pull-out services and after-school tutoring to better support struggling students.
 - Develop personalized learning plans for each student in the bottom 40th percentile to address their specific needs and challenges.
 - Implement rigorous progress monitoring to track student growth and adjust interventions accordingly.
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