

# Montgomery Township School District

## Start Strong: Fall 2022 Results

Presented by:  
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Director of Equity, Data, & Accountability

January 24, 2023

# Start Strong Assessment Overview

<b>What:</b>	<ul style="list-style-type: none"><li>❑ A standardized assessment in ELA, Mathematics, and Science</li><li>❑ ELA Grades 4-10, Math Grades 4-8 + Alg I, Geo, &amp; Alg II, Science Grades 6, 9, &amp; 12</li><li>❑ Based on a <b>subset</b> of prioritized <b>prior-year</b> academic standards</li><li>❑ Administered in 45–60 minutes per subject</li><li>❑ Provided immediate results to educators through the assessment platform</li></ul>
<b>When:</b>	<ul style="list-style-type: none"><li>❑ Administered September-October 2022</li></ul>
<b>Why:</b>	<ul style="list-style-type: none"><li>❑ Produced information be use as a standards-based complement to the resources used by educators in their classrooms to evaluate the needs of students</li><li>❑ It does not replace local standards-based benchmark assessments districts already have in place</li><li>❑ It does not replace the spring 2023 New Jersey Student Learning Assessments (NJSLA)</li></ul>

# Start Strong Grade & Content Alignment

Content Area	Grade/Course in SY 2022-2023	Content of the Assessment
<b>English Language Arts</b>	<ul style="list-style-type: none"> <li>● Grade 4</li> <li>● Grade 5</li> <li>● Grade 6</li> <li>● Grade 7</li> <li>● Grade 8</li> <li>● Grade 9</li> <li>● Grade 10</li> </ul>	<ul style="list-style-type: none"> <li>● Grade 3</li> <li>● Grade 4</li> <li>● Grade 5</li> <li>● Grade 6</li> <li>● Grade 7</li> <li>● Grade 8</li> <li>● Grade 9</li> </ul>
<b>Mathematics</b>	<ul style="list-style-type: none"> <li>● Grade 4</li> <li>● Grade 5</li> <li>● Grade 6</li> <li>● Grade 7</li> <li>● Grade 8</li> <li>● Algebra 1</li> <li>● Geometry</li> <li>● Algebra 2</li> </ul>	<ul style="list-style-type: none"> <li>● Grade 3</li> <li>● Grade 4</li> <li>● Grade 5</li> <li>● Grade 6</li> <li>● Grade 7</li> <li>● Grade 8*</li> <li>● Grade 8*</li> <li>● Algebra 1</li> </ul>
<b>Science</b>	<ul style="list-style-type: none"> <li>● Grade 6</li> <li>● Grade 9</li> <li>● Grade 12</li> </ul>	<ul style="list-style-type: none"> <li>● Grades 3-5</li> <li>● Grades 6-8</li> <li>● Grades 9-11</li> </ul>

\*Students beginning Algebra I, Geometry, and/or Algebra II in the 2022–2023 school year may have taken different mathematics courses depending on their individual course pathways. The Start Strong Assessments for Algebra I and Geometry are based on the Grade 8 learning standards and, therefore, measure some of the same concepts. The Start Strong Assessment for Algebra 1 contains more items from the Grade 8 learning standards relevant to algebraic concepts, and the Start Strong Assessment for Geometry contains more items from the Grade 8 learning standards relevant to geometry concepts.

# Start Strong Support Levels

The Start Strong Assessments provided information about the levels of support that students might need in a particular subject area.

Start Strong Support Levels	Descriptor
Level 1	<b>Strong</b> Support May Be Needed
Level 2	<b>Some</b> Support May Be Needed
Level 3	<b>Less</b> Support May Be Needed

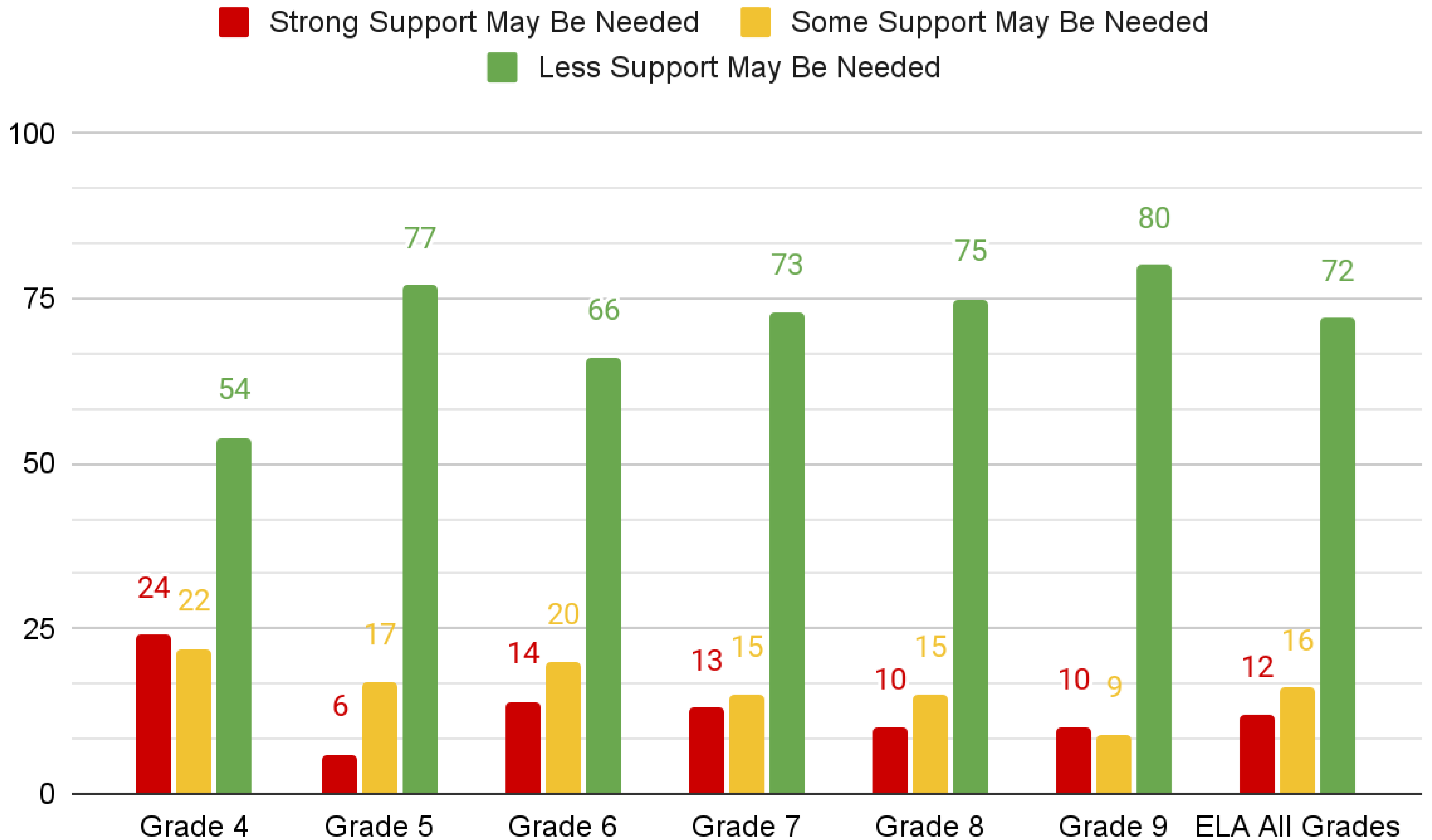
# NJDOE Start Strong Result Interpretation Considerations

- When reviewing assessment results, consider the impacts of Covid-19 on learning.
- Districts **should not** compare any individual student/school/district Start Strong data to any NJSLA data.
- No statewide comparison data available
- Please note that the Start Strong assessments were **not** designed to predict future student performance on the NJSLA.

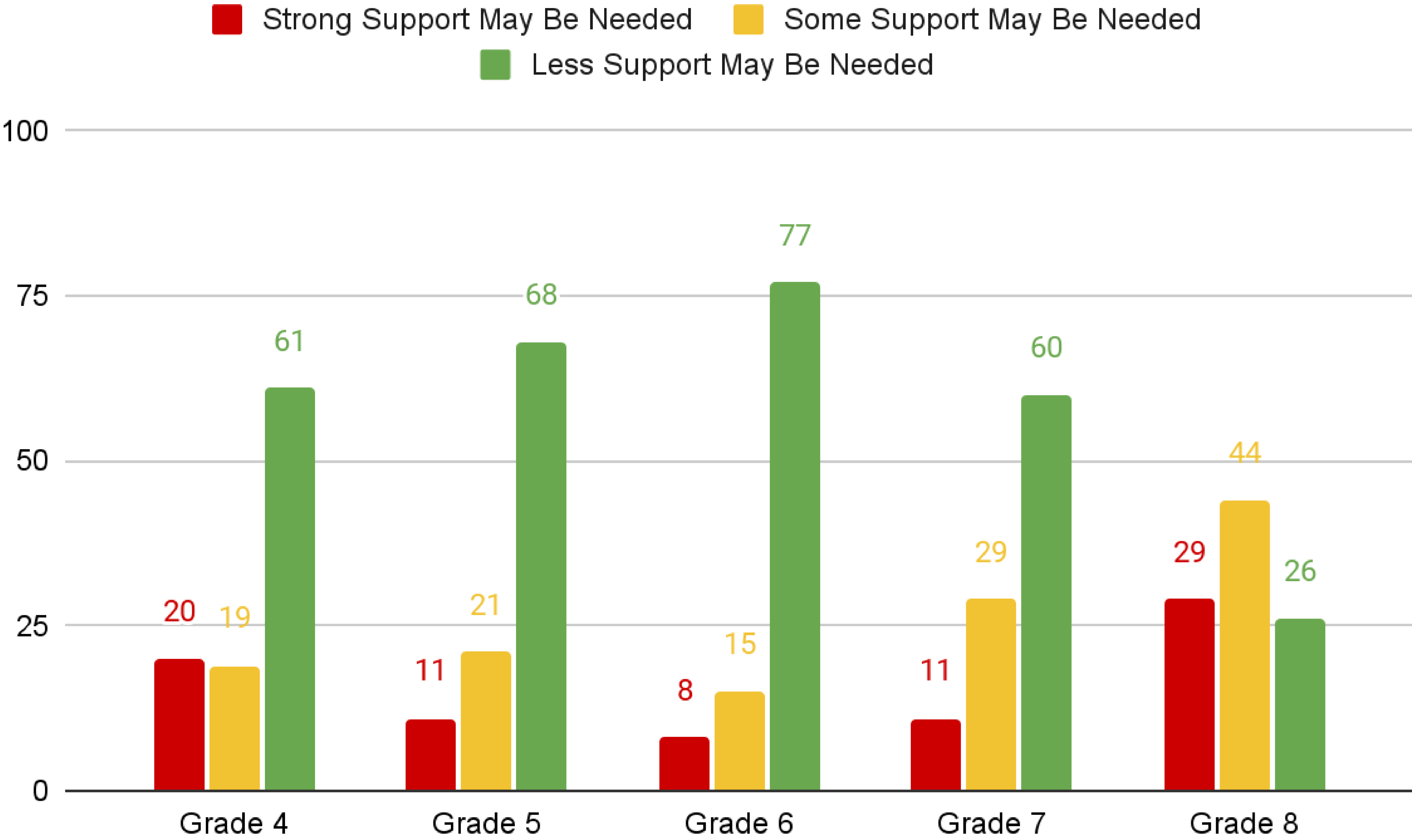
# Section One

## District Analysis

# Montgomery Township 2022- 2023 Fall Start Strong English Language Arts

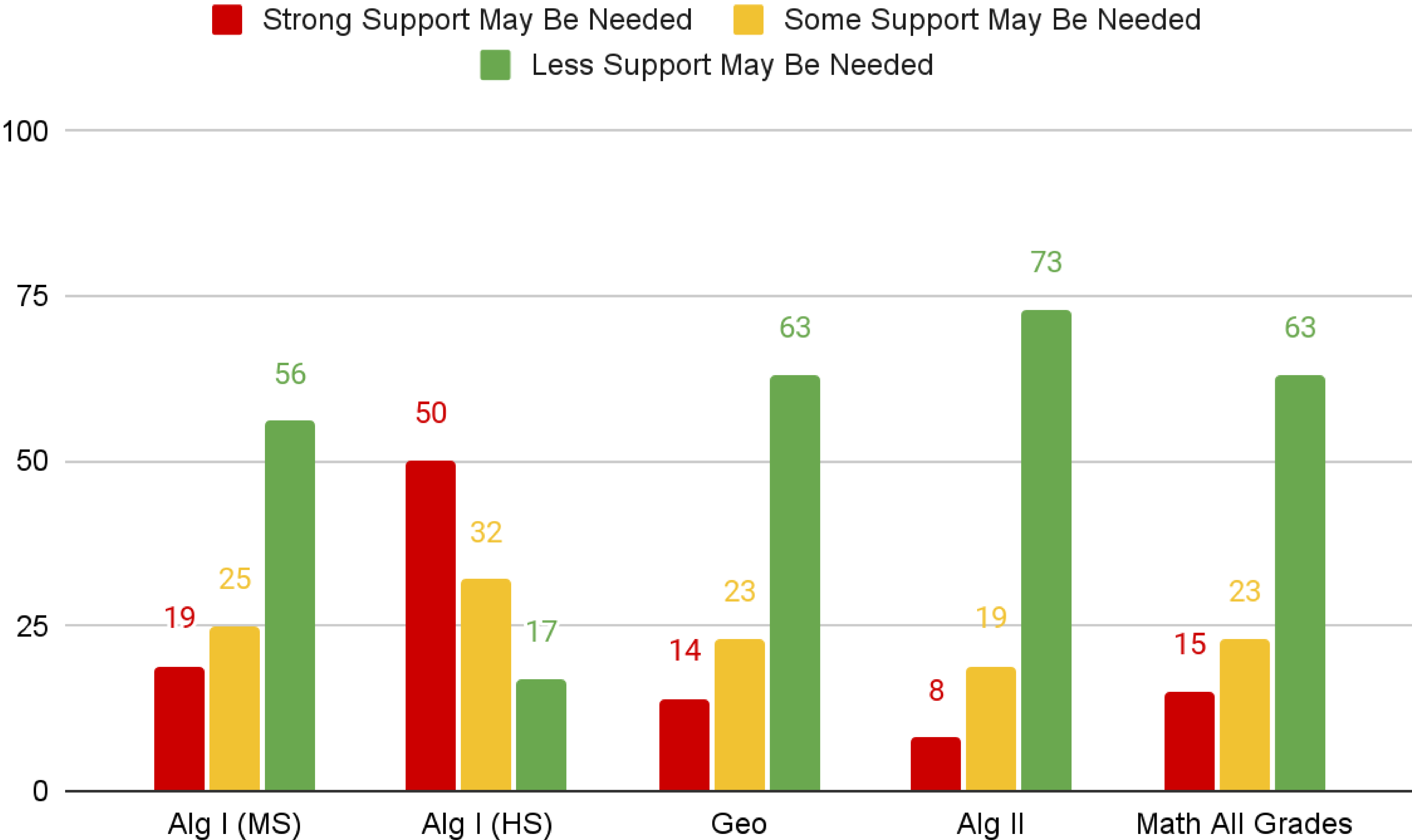


# Montgomery Township 2022- 2023 Fall Start Strong Mathematics

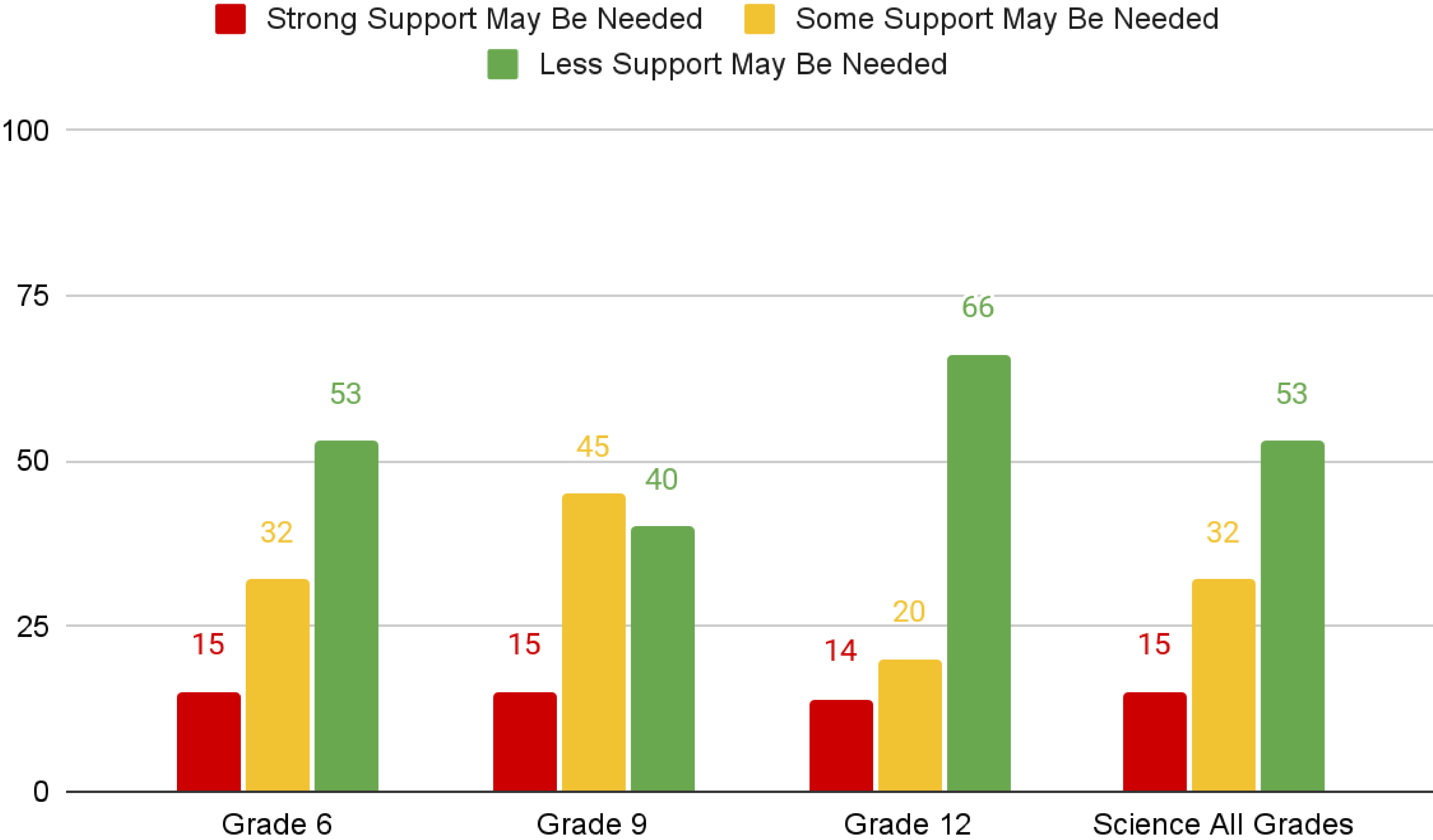




# Montgomery Township 2022- 2023 Fall Start Strong Mathematics, Continued



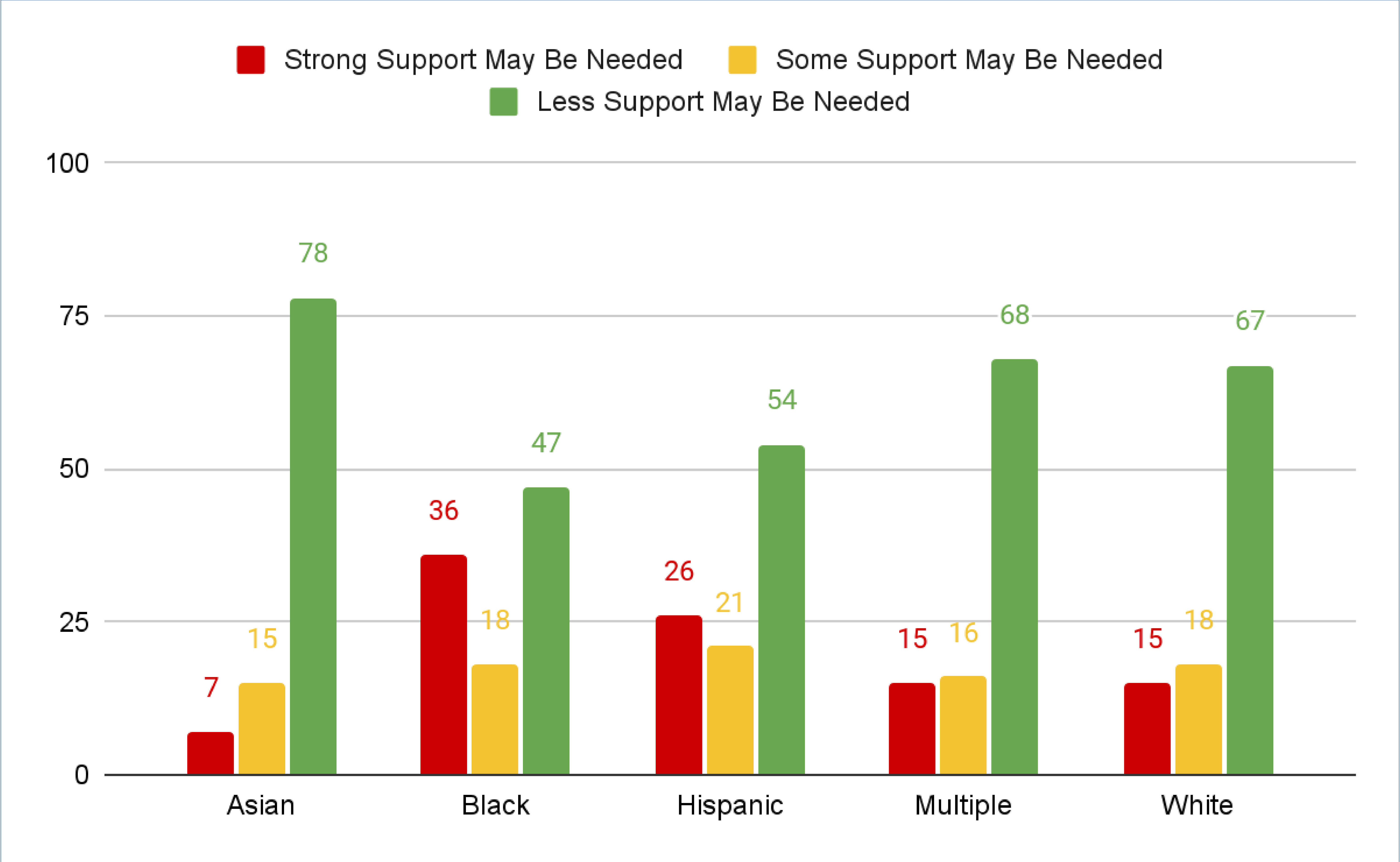
# Montgomery Township 2022- 2023 Fall Start Strong Science



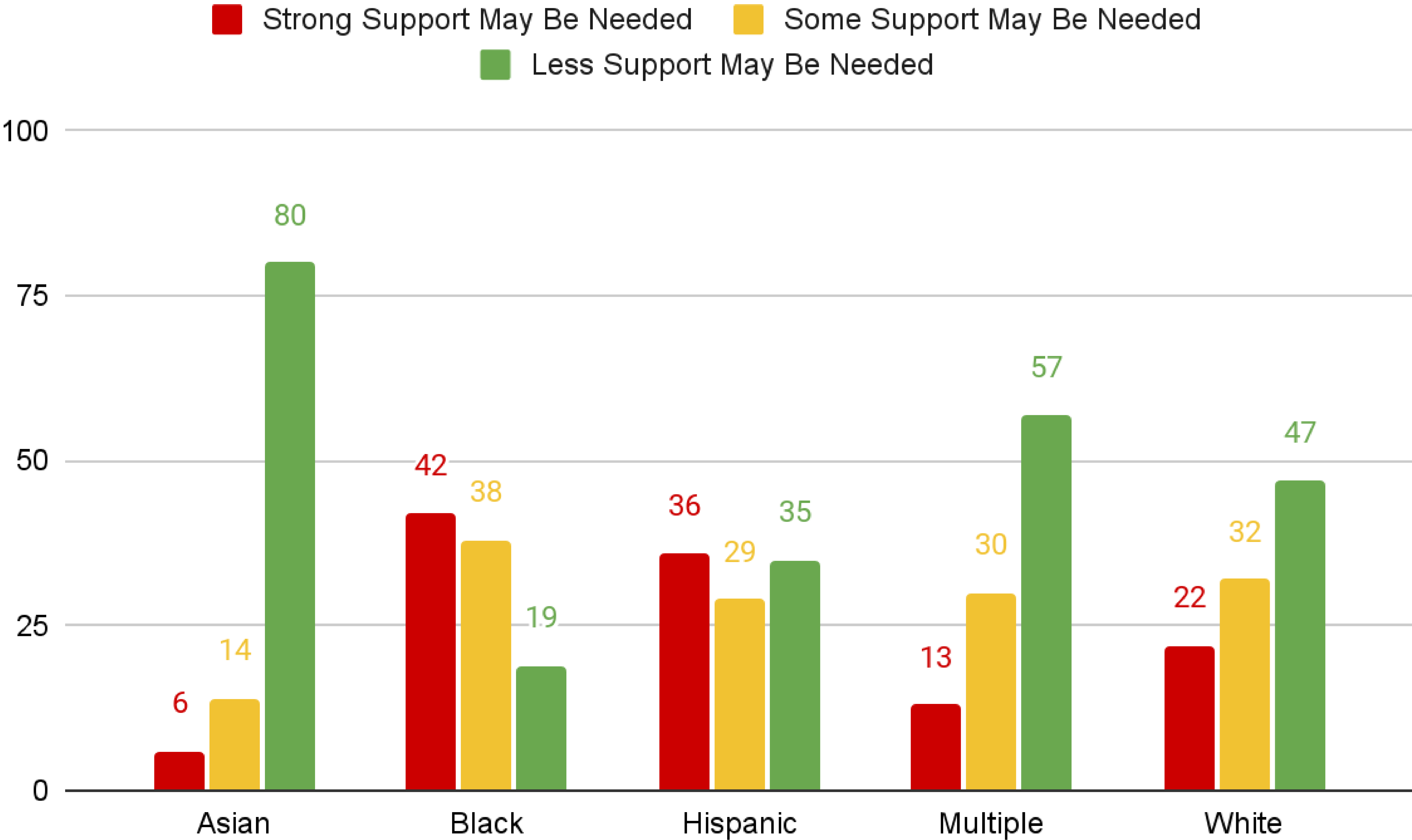
# Section Two

## Demographic Analysis

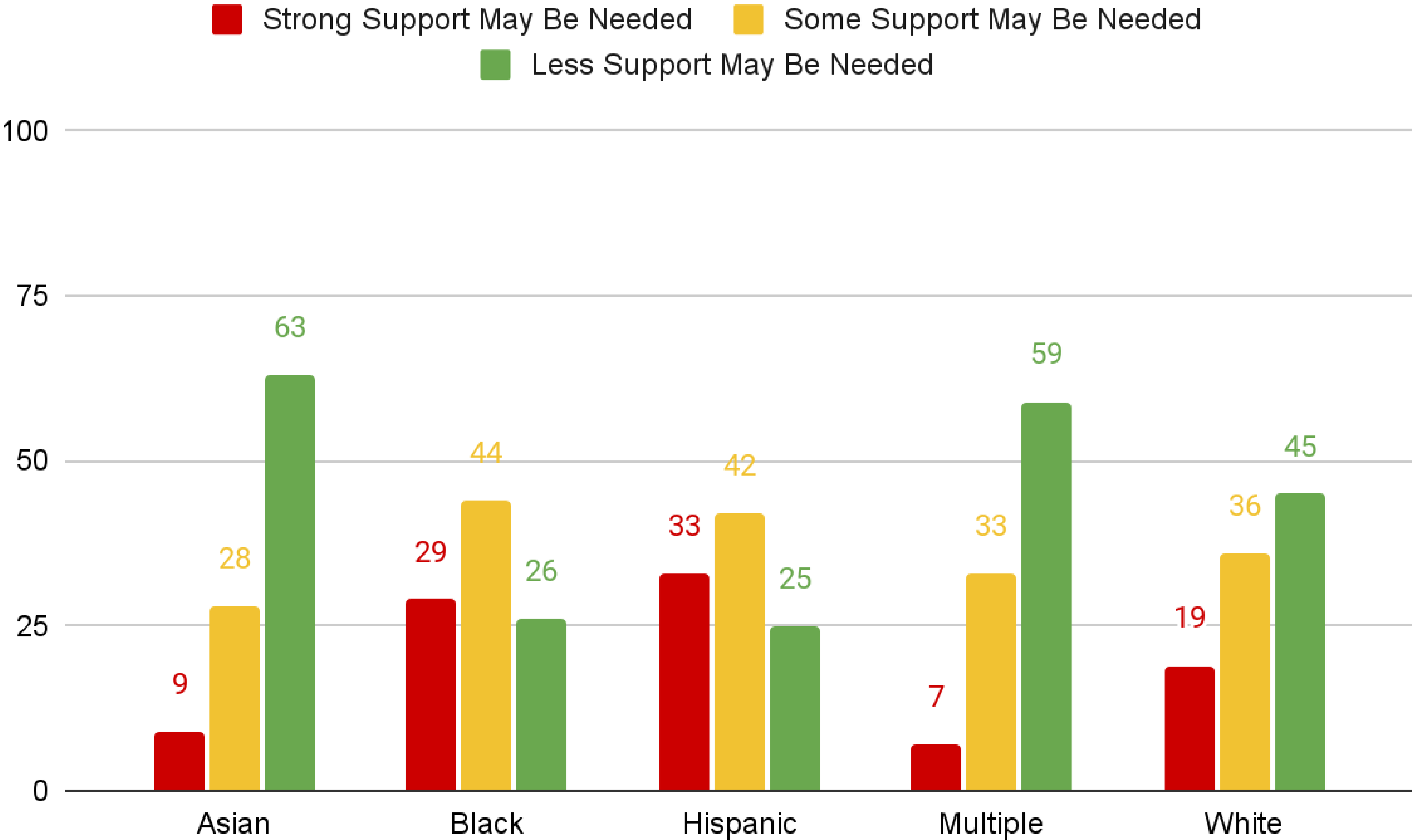
# Montgomery Township 2022- 2023 Fall Start Strong by Subgroup **Race** District-Wide **English Language Arts**



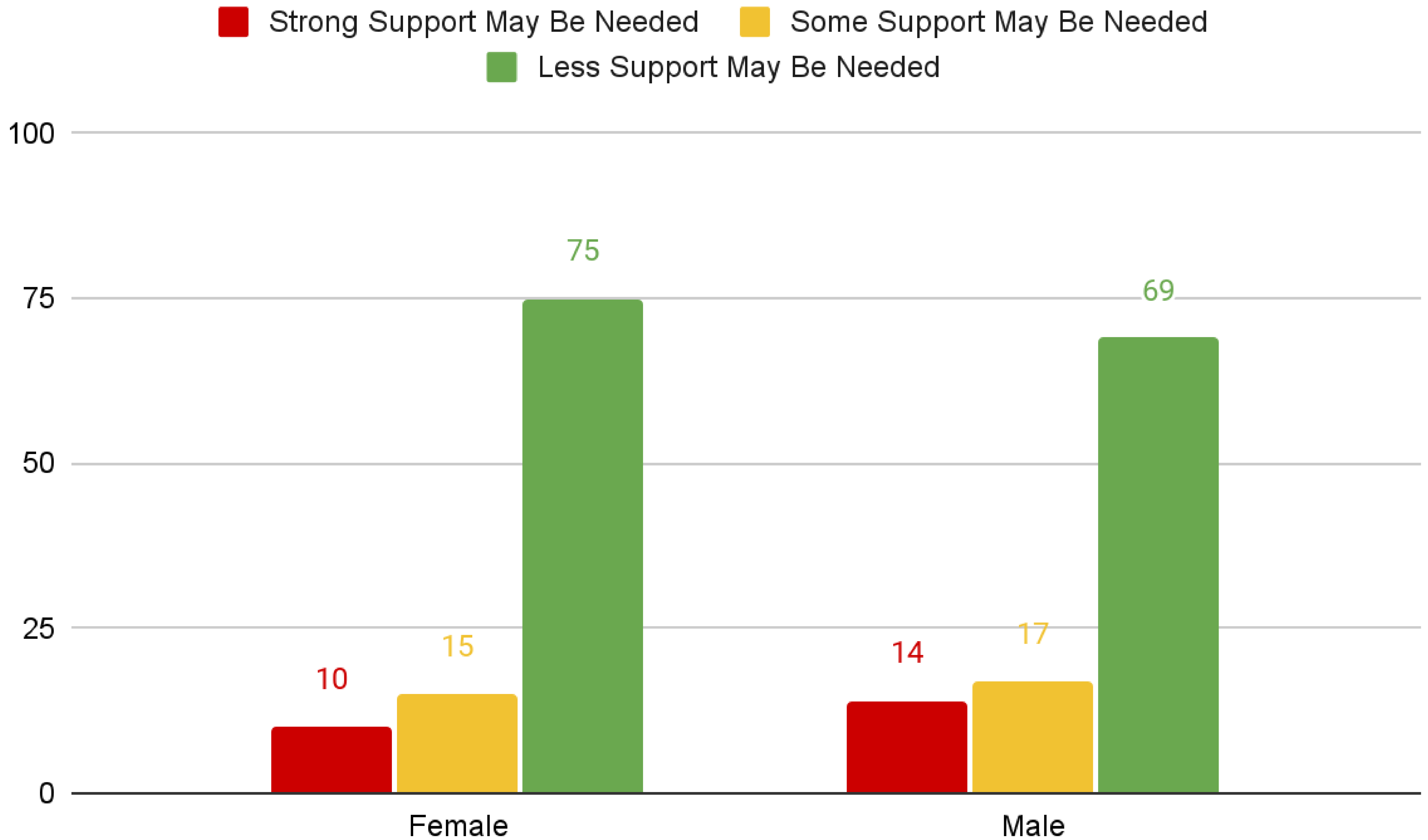
# Montgomery Township 2022- 2023 Fall Start Strong by Subgroup **Race** District-Wide **Mathematics**



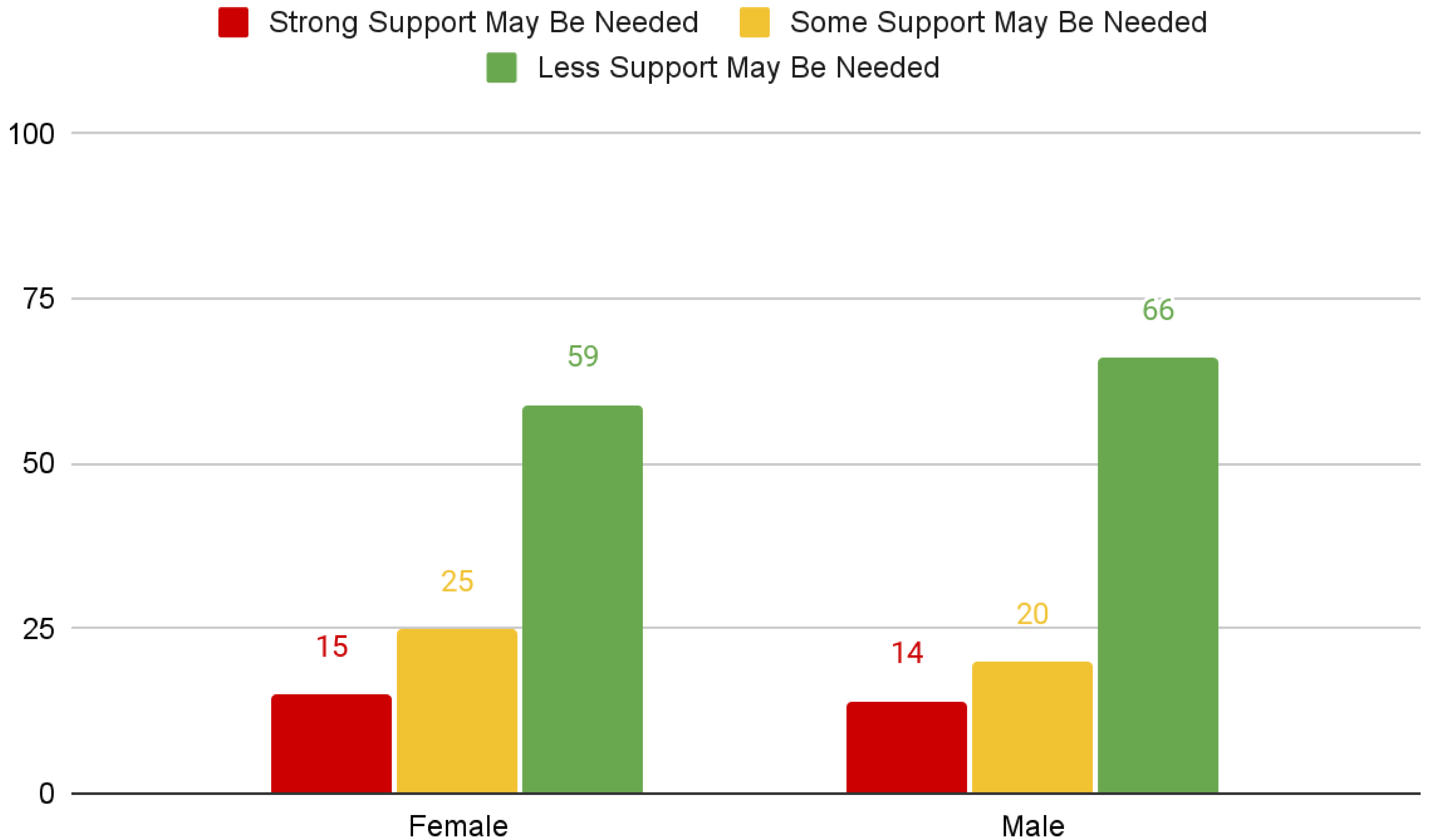
# Montgomery Township 2022- 2023 Fall Start Strong by Subgroup **Race** District-Wide **Science**



# Montgomery Township 2022- 2023 Fall Start Strong by Subgroup **Gender** District-Wide **English Language Arts**

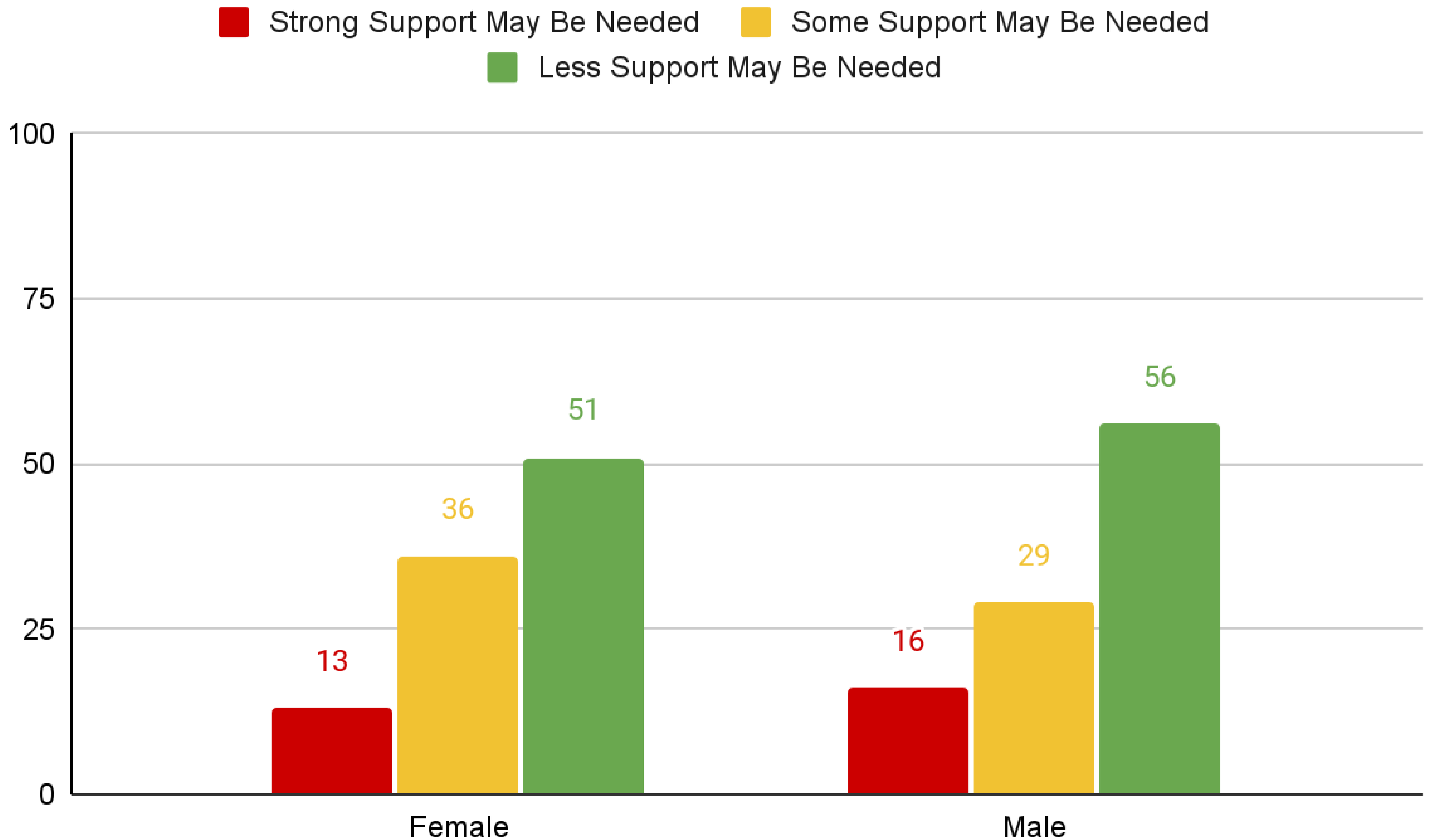


# Montgomery Township 2022- 2023 Fall Start Strong by Subgroup **Gender** District-Wide **Mathematics**

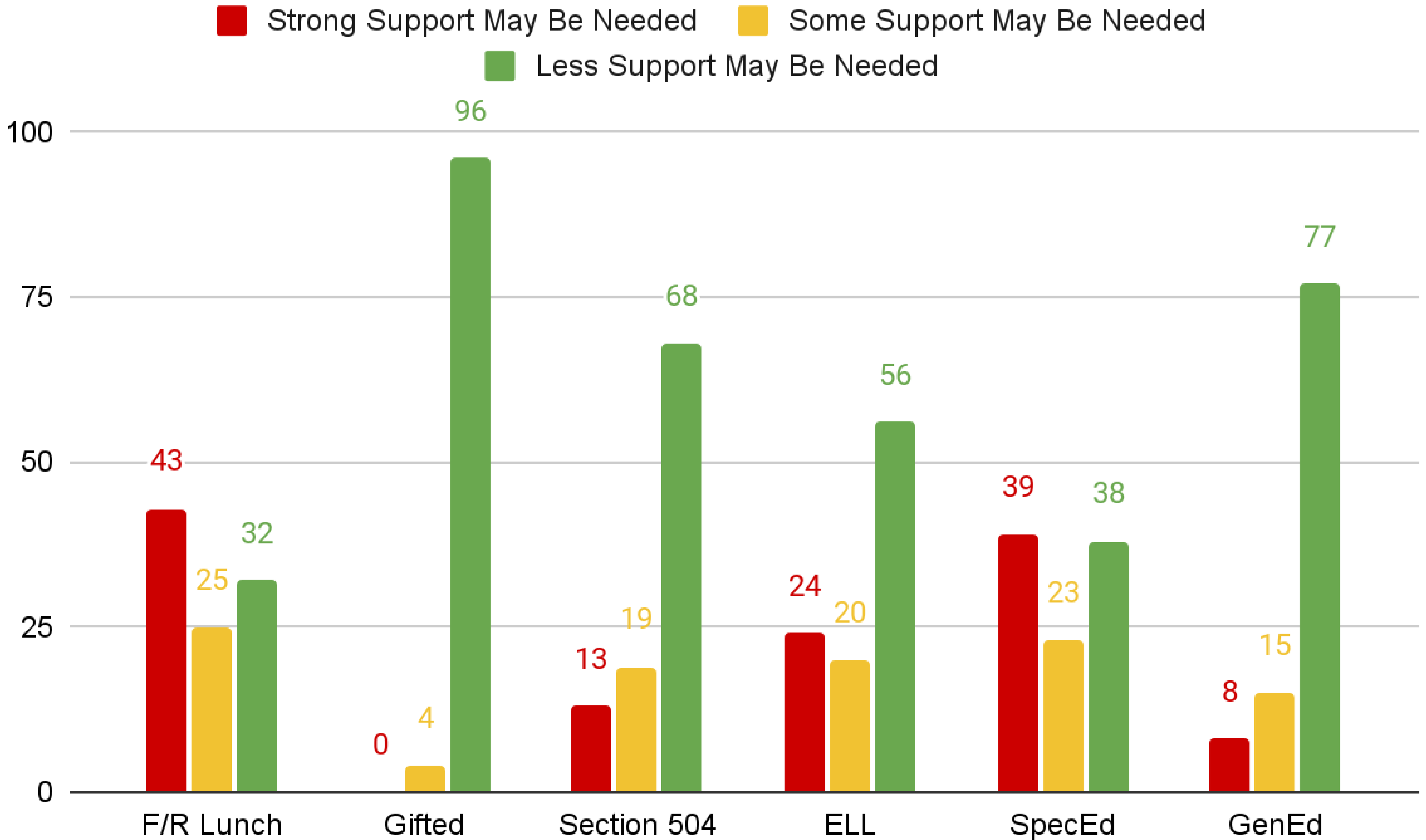




# Montgomery Township 2022- 2023 Fall Start Strong by Subgroup **Gender** District-Wide **Science**

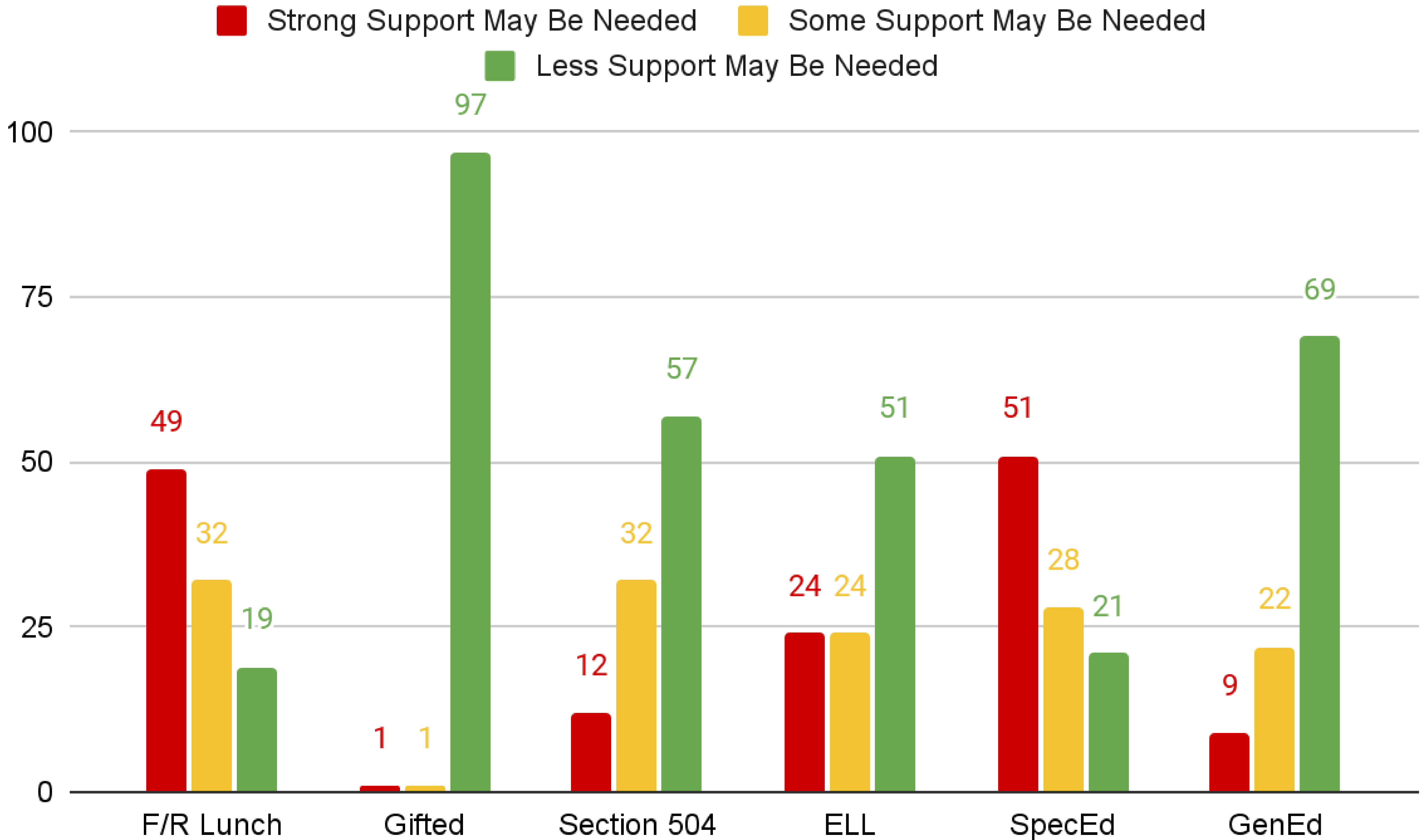


# Montgomery Township 2022- 2023 Fall Start Strong by Subgroup **Program** District-Wide **English Language Arts**

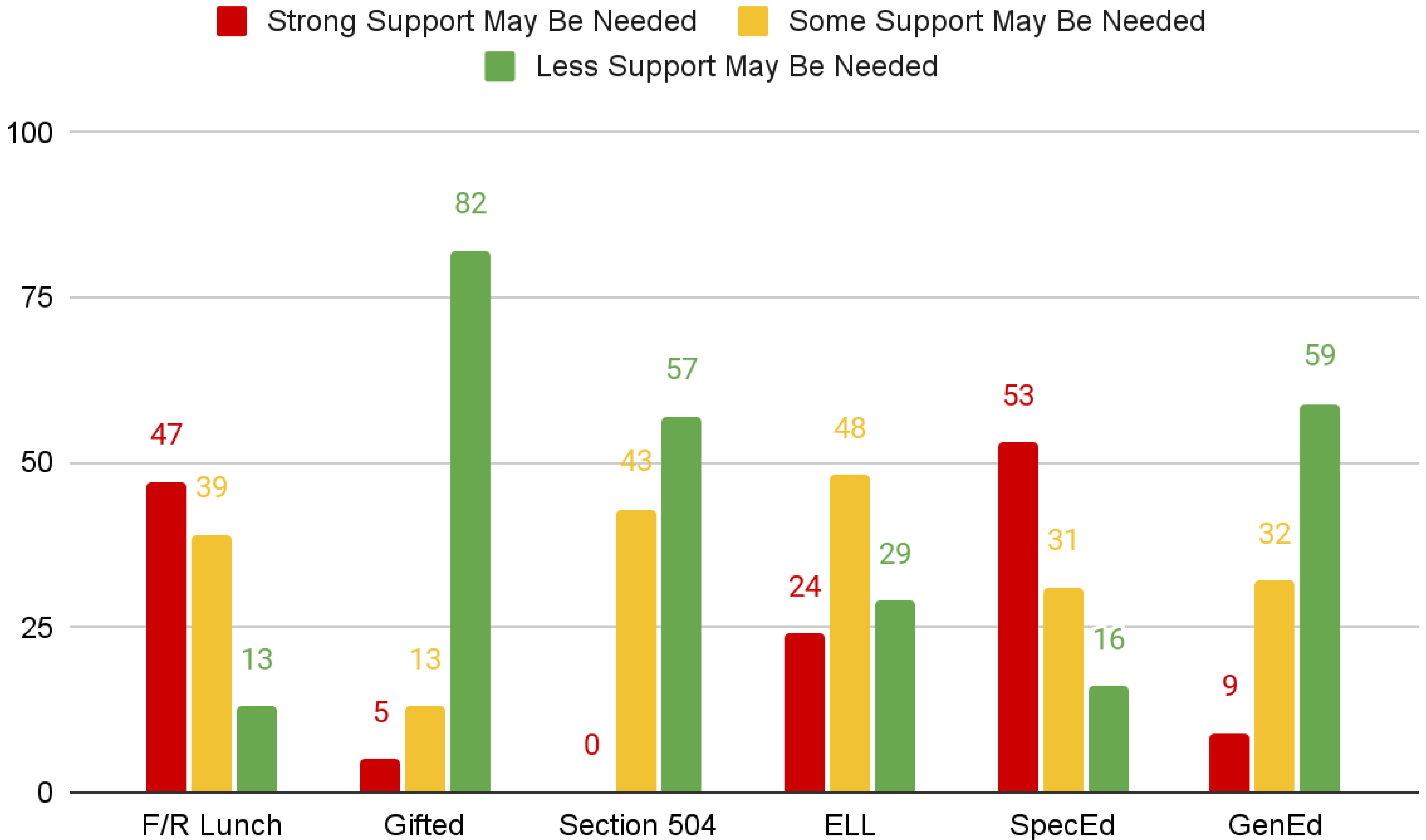


# Montgomery Township

## 2022- 2023 Fall Start Strong by Subgroup **Program** District-Wide Mathematics



# Montgomery Township 2022- 2023 Fall Start Strong by Subgroup **Program** District-Wide **Science**



# **Notable Achievements & Interventions**

# Montgomery Township 2022- 2023 Fall Start Strong

## Notable Achievements

- Growth in Mathematics
  - 2021 Grade 6 Less Support Needed = 61%
  - 2022 Grade 6 Less Support Needed = 77%
  
  - 2021 Alg II Less Support Needed = 34%
  - 2022 Alg II Less Support Needed = 73%
  
- Growth for English Language Learners (ELLs)
  - 2021 ELA Less Support Needed = 27%
  - 2022 ELA Less Support Needed = 56%
  
  - 2021 Math Less Support Needed = 40%
  - 2022 Math Less Support Needed = 51%

# Montgomery Township 2022- 2023 Fall Start Strong Interventions

## English Language Arts

- Early Bird Universal Screener implemented in grades K-1
- Decodable text sets for K-3 classrooms to provide scaffolded support between phonics skills and independent reading
- Implementation of Star360 math/ela assessment platform (grades 2-10), myOn, and Freckle ELA
- Incorporation of CommonLit critical reading practices (grades 9-12)
- Beyond the School Day (February - April 2023)

## Mathematics

- Bridges, K-3 math program (connecting concepts, problem-based learning, math practice through real-life activities)
- Review of released state assessment items with grades 3-8 (understanding standards through state lens and how to extend these practices within our own instruction)
- Middle School course updates for 2023-24
- Beyond the School Day (February - April 2023)
- after school Math clinics (grades 9-11)

## Science

- RVCC Next Generation Science Standards workshop series (K-12 admin, 4-8 teachers and administrators)
- K-12 articulation for curriculum and standard alignment
- weekly professional learning community meetings to note student progress and make adjustments
- Researching up to date digital resources/textbooks for unit lesson/assessments refresh