Best-Fit Math Placement

**Rising 6th Grade**
Data used to determine your child’s best-fit placement:
- TCAP Achievement (percent correct)
- STAR Math (percentile)
- Teacher Input (homework/work ethic, problem-solving, fluency, and grade)

Further Explanation
- Multiple forms of data will be used to determine your child’s best-fit placement. The categories above carry equal weight in ensuring we determine the best placement for your child.
  1. TCAP Achievement scores are used to measure student mastery of 5th grade skills.
  2. Your child’s STAR Math percentiles give us information on your child’s performance nationally.
  3. Teachers will provide input on your child’s homework, work ethic, problem-solving, fluency, and grade.

- Based on the data collected, students will be placed into either a 6th or a 6th/7th grade blend math class. All classes are called “6th grade math”.
- Student scores and best-fit math placement will be sent via mail to ALL families shortly after school is out.
- Best-fit math placement is reassessed before each new school year begins.
- See the “Math from Middle to High School” chart on our website for more information about math as you look forward to high school.

**Rising 7th Grade**
Data used to determine your child’s best-fit placement:
- TVAAS Algebra I EOC Projected Percentile
- WCS Algebra Readiness Assessment
- STAR Math
- Teacher Input

Further Explanation
Multiple forms of data will be used to determine your child's best-fit placement. The four categories above carry equal weight in ensuring we determine the best placement for your child.

1. The Tennessee Value-Added Assessment System (TVAAS) Algebra I End of Course (EOC) Projected Percentile takes into account your child's past TCAP performances to determine the likelihood of their success on the Algebra I End of Course exam.

2. The WCS Algebra Readiness Assessment will be used system-wide to help determine your child’s best math placement. The test will be administered at SMS after TCAP. Dates yet to be determined.

3. Your child’s STAR Math percentiles give us information on your child’s performance nationally, allowing us to determine where students will be most successful.

4. Teachers will provide input on your child’s homework completion, work ethic, problem-solving, fluency, and grade.

Based on the data collected, students will be placed into either 7th grade math, Pre-Algebra (7th/8th Blend) or Algebra I.

Student scores and best-fit math placement will be sent via mail to ALL families once we have received and analyzed all data points, sometime in early June.

Best-fit math placement is reassessed before each new school year begins.

See the “Math from Middle to High School” chart on our website for more information about math as you look forward to high school.

Rising 8th Grade
Data used to determine your child’s best-fit placement:
- TVAAS Algebra I EOC Projected Percentile
- WCS Placement Test
- STAR Math
- Teacher Input

Further Explanation
- Multiple forms of data will be used to determine your child’s best-fit placement. The four categories above carry equal weight in ensuring we determine the best placement for your child.
  1. The Tennessee Value-Added Assessment System (TVAAS) Algebra I End of Course (EOC) Projected Percentile takes into
account your child’s past TCAP performances to determine the likelihood of their success on the Algebra I End of Course exam.

2. The WCS Placement Test will be used system-wide to help determine your child’s best math placement. The test will be administered at SMS after TCAP. Dates yet to be determined.

3. Your child’s STAR Math percentiles give us information on your child’s performance nationally, allowing us to determine where students will be most successful.

4. Teachers will provide input on your child’s homework completion, work ethic, problem-solving, fluency, and grade.
   - Based on the data collected, students will be placed into either 8th grade math or Algebra I. Students who were enrolled and passed Algebra I during their 7th grade year will automatically be placed in Geometry during their 8th grade year.
   - Student scores and best-fit math placement will be sent via mail to ALL families once we have received and analyzed all data points, sometime in early June.
   - Best-fit math placement is reassessed before each new school year begins.

See the “Math from Middle to High School” chart on our website for more information about math as you look forward to high school.
# Math from Middle to High School

## Looking Ahead

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<tr>
<th>6th Grade Math</th>
<th>7th Grade Math</th>
<th>8th Grade Math</th>
<th>9th Grade</th>
<th>10th Grade</th>
<th>11th Grade</th>
<th>12th Grade</th>
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</thead>
<tbody>
<tr>
<td>6th Grade Math</td>
<td>7th Grade Math</td>
<td>8th Grade Math</td>
<td>Algebra I</td>
<td>Geometry</td>
<td>Algebra II</td>
<td>Pre-Calculus</td>
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<td></td>
<td></td>
<td></td>
<td>Algebra I Honors</td>
<td>Honors</td>
<td>Algebra II Honors</td>
<td>Advanced Algebra and Trigonometry</td>
</tr>
<tr>
<td>6th Grade Math</td>
<td>7th Grade Pre-Algebra (7th/8th Blend)</td>
<td>Geometry Honors</td>
<td>Algebra II</td>
<td>Pre-Calculus</td>
<td>AP Calculus AB</td>
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</tbody>
</table>

Pre-Calculus
Advanced Algebra and Trigonometry
Statistics
Senior Finite Math
Bridge Math

Honors Calculus
AP Calculus AB
AP Calculus BC
AP Statistics
Senior Finite Math
Bridge Math

Pre-Calculus
Advanced Algebra and Trigonometry
Statistics
Senior Finite Math
Bridge Math

Honors Calculus
AP Calculus AB
AP Calculus BC
AP Statistics
Discrete Math
Senior Finite Math
Bridge Math

AP Calculus AB
AP Calculus BC
AP Statistics

AP Calculus AB
AP Calculus BC
AP Statistics