# Briarcliff Middle School

Math Course Placement Process For Rising 7th Graders

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# Rising 7th Grader Math Placement

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# Rising 7th Grader Math Placement Process

**Assessments**

Students take a series of assessments to evaluate their math aptitude and progress during the year.

**Rubric Points**

The assessment scores are converted into rubric points.

**Course Placement**

Grade 7 math course placement is determined by the total number of rubric points earned.

# Rising 7th Grader Math Placement

Assessment scores do not impact students' marking period grades.
All scores are rounded to the nearest whole percent.

| Assessment | Maximum Possible Points | Assessment Window |
|---|---|---|
| Quarterly 1 | 10 | Week of November 9 |
| Quarterly 2 | 10 | Week of February 1 |
| Quarterly 3 | 10 | Week of April 12 |
| NJSLA-A Mathematics Grade 6 | 25 | TBD: April 27-May 29<br>Information to come from Mr. Carlson |
| CogAT Quantitative & Nonverbal Local Stanine Composite Score | 18 | Week of May 31 |

**73 POSSIBLE RUBRIC POINTS**

# Grade 6 Summative Quarterly Assessments

- End-of-quarter assessment evaluates what students have learned in 6th grade.
- 20–25 questions including multiple choice, fill in, drag-and-drop, and open-ended / constructed response.
- Two full class periods.
- Calculators are not permitted.
- A list of topics is released on Mrs. Doolittle's Canvas page.
- Posted in Genesis, but not counted towards course grade.

| Quarterly Assessment Score | 95-100% | 90-94% | 85-89% | 80-84% | 75-79% | 70-74% | 65-69% | 60-64% | 55-59% | 0-54% |
|---|---|---|---|---|---|---|---|---|---|---|
| Q1 Rubric Points | 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 |
| Q2 Rubric Points | 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 |
| Q3 Rubric Points | 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 |

# NJSLA-A Mathematics Grade 6

Assesses student proficiency in Grade 6 New Jersey Student Learning Standards core domains:

- Ratios & Proportional Relationships
- The Number System
- Expressions & Equations
- Geometry
- Statistics & Probability
- Testing window dictated by the New Jersey Department of Education (TBD: April 27-May 29)

| NJSLA-A Math 6 | 1620 And Up | 1600 To 1619 | 1580 To 1599 | 1560 To 1579 | 1540 To 1559 | 1520 To 1539 | 1519 And Below |
|---|---|---|---|---|---|---|---|
| **Rubric Points** | 25 | 21 | 17 | 13 | 9 | 5 | 1 |

# Cognitive Abilities Test (CogAT)

- Students assessed on CogAT Level 12 Quantitative and Nonverbal Reasoning
  - Quantitative: measures reasoning and mathematical thinking
  - Nonverbal Reasoning: evaluates reasoning and mathematical thinking
- Provides information as to how students think and learn in the classroom setting.
- Measures intellectual ability and problem-solving skills.
- Calculators are not permitted.
- The CogAT is:
  - A strengths-based ability assessment to help identify gifted students.
  - A test that accurately reveals student strengths below the surface of academic achievement.
  - Designed to identify potential that may not be identified in other assessments.
- The CogAT is not:
  - An IQ test.
  - An assessment given by the NJDOE or College Board.
  - Created or graded by the Mountain Lakes School District.

| CogAT Local Stanine Composite Score | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 |
|---|---|---|---|---|---|---|---|---|---|
| **Rubric Points** | 18 | 16 | 14 | 12 | 10 | 8 | 6 | 4 | 2 |

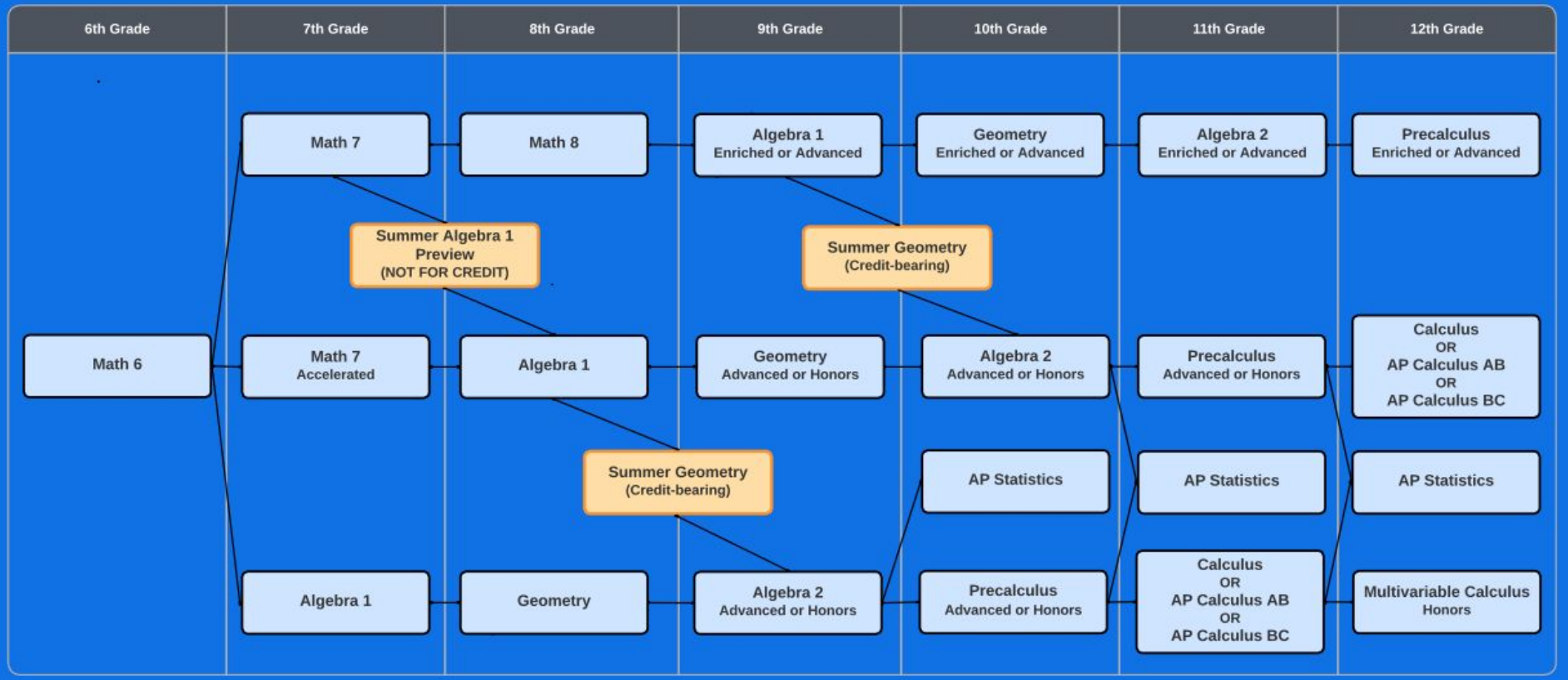
# Rising 7th Grader Math Placement Rubric Results

| Math Course Placement | 73 Total Possible Rubric Points |
|---|---|
| Math 7 | 39 or less |
| Math 7 Accelerated | 40-56 |
| Algebra | 57 or more |

# Resources for Preparation

- Encourage your child to keep an organized notebook and to save their class notes and foldables.
- Encourage your child to try the “Challenge” problems posted in the classroom.
- Helpful Links:
  - Big Ideas Mathematics
  - New Jersey Student Learning Standards
  - NJDOE Practice Tests
  - Khan Academy

# Mountain Lakes 6-12 Math Course Sequences




- MLHS math course/level placement is determined by teacher recommendation, MLHS math waiver eligibility (available for Geometry, Algebra 2, or Precalculus), or CPA examination.
- Enrollment in MLHS Summer Algebra 1 Preview or Summer Geometry requires a final grade of 80% in the prerequisite course.
  - Students must earn a grade of at least 90% in Summer Algebra 1 Preview to enroll in Algebra 1.
  - Upon successful completion of Summer Geometry, Algebra 2 level is determined by the recommendation from the Algebra 1 teacher.
- Students must earn a final grade of at least 80% in Algebra 1 to enroll in Geometry & Algebra 2 concurrently.
- MLHS offers electives of:
  - Probability & Statistics (prerequisite: Algebra 2 & teacher recommendation)
  - Applications of Mathematics with Financial Literacy (prerequisite: Algebra 2 & teacher recommendation)

# Thank you!

Thank you for partnering with us to support student learning and academic growth.

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## Questions?