

Math Summer Activities (Level Change Up)

Qualifying for a higher level in mathematics has instructional implications. Your child may not have acquired the prerequisite skills as outlined in the standards for mathematics. To ensure your child acquires the necessary skills, it is imperative that he/she completes the appropriate mathematics activities referenced in the charts below.

These skills can be reinforced via *Study Island* by accessing the following URL: www.studyisland.com. All students in the district should be familiar with this program and login credentials have been made available on the *Genesis Parent Portal*. Students currently have access to the appropriate grade levels in *Study Island*. Please assist your child in this endeavor by encouraging him or her to work through all topics under the “Suggested Summer Activities” section for the appropriate “Level Change” listed below.

Study Island activities will help close instructional gaps that may be present; therefore, they are required for future success in the district’s mathematics courses. The district expects this additional work will be completed. As such, MTPS will be monitoring usage and performance of any students moving to a higher mathematics level. More specific resources are provided on page 3 of this document.

Students currently in grade 3 moving to grade 4

Level Change	Suggested Summer Activities
Grade 3 Math → Grade 4 level C	<ul style="list-style-type: none"> • <i>Study Island</i> NJ Programs/4th Grade - NJ Standards Mastery • Grade 4 Mathematics <i>enVision</i> 2.0 Textbook (available at your child’s school with a \$65 deposit - check made payable to the Marlboro Township Board of Education, deposit is returned upon receipt of textbook in same condition as issued e.g. no writing, missing pages, etc.)

Students currently in grade 4 moving to grade 5

Level Change	Suggested Summer Activities
Grade 4 level B → Grade 5 level C	<ul style="list-style-type: none"> • <i>Study Island</i> NJ Programs/5th Grade - NJ Standards Mastery • Grade 5 Mathematics <i>enVision</i> Textbook (available at your child’s school with a \$65 deposit - check made payable to the Marlboro Township Board of Education, deposit is returned upon receipt of textbook in same condition as issued e.g. no writing, missing pages, etc.)

Students currently in grade 5 moving to grade 6

Level Change	Suggested Summer Activities
Grade 5 level B → Grade 6 level C	<ul style="list-style-type: none"> • <i>Study Island</i> NJ Programs/6th Grade - NJ Standards Mastery • Grade 6 Mathematics <i>Glencoe Course 1</i> Textbook (available at your child’s middle school with a \$65 deposit - check made payable to the Marlboro Township Board of Education, deposit is returned upon receipt of textbook in same condition as issued e.g. no writing, missing pages, etc.)
Grade 5 level C → Grade 6 Accelerated	<ul style="list-style-type: none"> • <i>Study Island</i> NJ Programs/7th Grade - NJ Standards Mastery • Grade 7 Mathematics <i>Glencoe Course 2</i> Textbook (available at your child’s middle school with a \$65 deposit - check made payable to the Marlboro Township Board of Education, deposit is returned upon receipt of textbook in same condition as issued e.g. no writing, missing pages, etc.)

Students currently in grade 6 moving to grade 7

Level Change	Suggested Summer Activities
Grade 6 level B → Grade 7 level C	<ul style="list-style-type: none"> • <i>Study Island</i> NJ Programs/7th Grade - NJ Standards Mastery • Grade 7 Mathematics <i>Glencoe Course 2</i> Textbook (available at your child's school with a \$65 deposit - check made payable to the Marlboro Township Board of Education, deposit is returned upon receipt of textbook in same condition as issued e.g. no writing, missing pages, etc.)
Grade 6 level C → Grade 7 Accelerated	<ul style="list-style-type: none"> • <i>Study Island</i> NJ Programs/8th Grade - NJ Standards Mastery • Grade 8 Mathematics <i>Glencoe Course 3</i> Textbook (available at your child's school with a \$65 deposit - check made payable to the Marlboro Township Board of Education, deposit is returned upon receipt of textbook in same condition as issued e.g. no writing, missing pages, etc.)

Students currently in grade 7 moving to grade 8

Level Change	Suggested Summer Activities
Grade 7 level B → Grade 8 level C	<ul style="list-style-type: none"> • <i>Study Island</i> NJ Programs/8th Grade - NJ Standards Mastery • Grade 8 Mathematics <i>Glencoe Course 3</i> Textbook (available at your child's school with a \$65 deposit - check made payable to the Marlboro Township Board of Education, deposit is returned upon receipt of textbook in same condition as issued e.g. no writing, missing pages, etc.)
Grade 7 level C → Grade 8 Accelerated	Algebra 1*

*Any student eligible to skip Algebra I and intending to advance into grade 8 accelerated (Geometry) will be required to complete the following:

- Take Algebra I at an accredited institution and obtain a grade of an "A" as noted on the institution's official transcript
- Take Algebra I NJSLA-M (testing window July 29-August 9, 2019 - specific date during that window TBD)
- Take Marlboro Township's Algebra I final assessment and score a 95% or better
- Please refer to the standards referenced for Algebra I at <https://www.state.nj.us/education/cccs/2016/math/standards.pdf>. You may pick up an Algebra I textbook at your child's school to use as a resource.

Resources to Prepare for a Level Skip in Math

How to use Study Island:

- Click the “Log in” at the top right corner of the screen
- Log in under Study Island for **Schools** and use your current “Study Island User Name” and “Study Island Password”. This can be found in Genesis under the “User Text” tab.


For example:

Username: jonsmi@marlboro

Password: 12345678

- On the left menu, click on NJ Programs.
- Select the grade level that the student is skipping and Math (Student Learning Standards)

For example:



The screenshot shows the '7th Grade - NJ Standards Mastery' interface. At the top, it says '7th Grade - NJ Standards Mastery'. Below that, there are two dropdown menus. The first is labeled 'Program' and has '7th Grade - NJ Standards Mastery' selected. The second is labeled 'Subject' and has 'Math (Student Learning Standards)' selected. The background features a palm tree illustration.

- Take the Diagnostic Test which is approx. 30 questions.
- After the Diagnostic is completed, your child can identify the standards on which he/she needs to focus. Your child should review each lesson and watch the provided videos before practicing each topic.

Passing Goal: 10 Items & 70% | My Best Score: 90.0% | [Standard Details](#)



How to use your textbook:

- Review each lesson and practice problems.

Other resources:

IXL:

- Use the same log-in credentials as Study Island
- Select the grade level recommended in the Study Island suggested summer activities
- Achieve a Smart Score of 85 or higher in each topic
- Use the Diagnostic Test and provided recommendations to focus on other areas of weakness