

PREPARING FOR MIDDLE SCHOOL MATH

Dear Parents & Guardians:

The school year is coming to an end and summer break is almost here. During the weeks between now and middle school, it's important to rest and recharge. However, did you know that most students lose the equivalent of three months of learning over the summer break? To help prevent this loss of learning, Brevard Public Schools recommends the following summer preparatory materials to keep your student on the path to success in mathematics.

Your student's preparation for middle school will depend on the course s/he will be taking in the coming school year. Use the information in the table below to help determine what resources you might use to help your student.

2018-19 Math Course	Recommended Preparation
Grade 7 Mathematics	Review Grade 6 Mathematics
Grade 7 Mathematics Advanced	Focus on pre-requisite skills for Grade 7 Mathematics and review Grade 6 Mathematics as needed
Algebra 1 Honors	Focus on Grade 7 Mathematics and Pre-Algebra

RECOMMENDED SITES FOR MIDDLE SCHOOL MATH PREPARATION

FloridaStudents.org (<http://www.floridastudents.org/>)

At this site, you will find resources such as tutorials to support student learning. After entering the Mathematics site, select the appropriate topic for your student (based on the recommended preparation above).

M/J Grade 6 Mathematics
14 Original Tutorials
214 Other Resources

M/J Grade 7 Mathematics
14 Original Tutorials
199 Other Resources

M/J Grade 8 Pre-Algebra
13 Original Tutorials
195 Other Resources

Khan Academy — accessible via <https://www.khanacademy.org/> or Brevard Public Schools Launchpad. You may need to add the Khan Academy icon (see image at right).

In Khan Academy, select Subjects then select the suitable grade level for your student (as noted in the Recommended Preparation table above).

After selecting the grade level, Khan Academy will prepare a personalized learning plan based on the student's completion of "missions." By answering a series of questions, the program will lead students on a path toward mastery of the content.

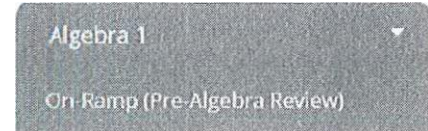


To prepare for Algebra 1 Honors, another option is to use Algebra Nation. It may be used in conjunction with or as an alternative to FloridaStudents.org and KhanAcademy.org.

Algebra Nation -- accessible via <https://www.algebranation.com/> or Brevard Public Schools Launchpad. You may need to add the Algebra Nation icon (see image at right).



In Algebra Nation, select the "On Ramp (Pre-Algebra Review)" from the dropdown menu at the left side of the screen.



After selecting 'On Ramp,' students are directed to the Algebra Nation "On Ramp Tool" which will prepare a personalized learning plan based on the student's answers to a series of questions. If a student has difficulty, then it may be necessary to go back to one of the other sites to utilize their Grade 7 or Grade 6 materials.

We hope you will find these recommendations beneficial. We also wish you a safe and enjoyable summer!

Sincerely,

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