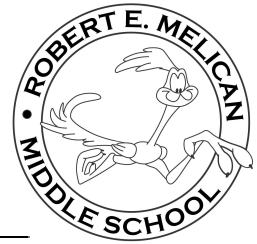


Michelle T. Karb
Principal

Jennifer R. Callaghan
Assistant Principal



RESPECT · RESPONSIBILITY · LOVE OF LEARNING

June 25, 2023

Dear Incoming 8th Grade Students,

In order to be prepared for the 8th grade math experience, you should be fluent with rational number operations. This means that you should be able to easily **add, subtract, multiply and divide with integers, fractions, and decimals**. To help keep your math skills fresh, we highly recommend that you complete some math problems over the summer. You can find math problems in many different places, but below are some places we have found for you to get you started on these types of problems.

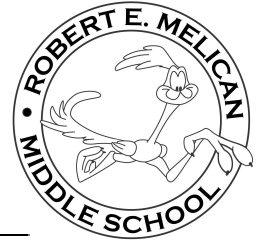
1. **IXL website** <https://www.ixl.com/signin/nsboro> All 7th grade students were given an account on the IXL website this year and for most students your username and password will be the same as your google username and password. If you can't remember your username and/or password you can complete 10 problems a day for free without logging in. If you get any problems wrong it will give you an explanation on how to get the correct answer.

Make sure you click on “**Math**” along the top and then **7th grade**. Here are some good places to start, but you can do anything listed under 7th grade math!

- C1 - adding integer rules
- C3 - adding integers
- C4 - subtracting integer rules
- C6 - subtracting integers
- C12 - integer multiplication rules
- C13 - multiply integers
- C14 - integer division rules
- C15 - divide integers
- E1 - add and subtract decimals
- G1 - add and subtract fractions
- G9 - multiply fractions
- G12 - divide fractions
- G16 - word problems with fractions

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2. **MATHia** through carnegie. For those of you that have a MATHia login, it will remain active until the beginning of August, so you can continue to work through the curriculum there to help keep your math skills fresh, just continue to hit “Let’s Go,” and it will continue to move you along. Also, you can always go back and “review” the topics you have already completed and just practice some more math, which is the goal here.
3. **Khan Academy** <https://www.khanacademy.org/> is also a good place to find some problems and some videos to help you. Choose **7th grade math** and then **Negative Numbers** to get started.

A **summer work log** is available on the Melican website for you to record any work you have done. Please make sure to have a parent sign off on your work! You can turn in a completed log to your 8th grade math teacher during the first week of school to receive extra credit.

Have a great summer and we look forward to seeing you in the fall!!

Sincerely,

7th & 8th Grade Math Teachers