

Summer Math

For incoming 6th graders

In order for your student to be prepared for school in the fall, it will be very beneficial for them to practice some of the 5th grade skills they learned last year. We are using a program called IXL. This program has all of the 5th grade skills and will be accessible to you over the summer. IXL is a website (IXL.com) or an app on tablets and mobile devices.

There are 13 skills from 5th grade that they already know how to do. I would like for your student to master all 13 of these skills over the summer. It would be best to set up some time each week to work on math skills. Mastery will possibly take some time. It isn't as beneficial to get all of the skills complete at once. As you know, math is best learned by consistent practice over time. You may want to do math one day each week or a shorter time several days each week. The great thing about IXL is that it can be done anywhere you have a computer, iPad or mobile device and internet access. You might want to work on it while you travel for vacation or wait at an airport, etc. Find what works best for your family.

Here are a few tips:

- 1.** Log into IXL on the app or IXL.com. Be sure your student is in **5th grade math**. (You can end up in Kindergarten or Algebra, so check the 5th grade tab.)
- 2.** You will know your student has mastered the skill when there is a small gold medal beside the skill.
- 3.** If your student has completed the skill during the school year, have them do the skill again. I will be checking for completion of the skills during the summer months only. (May 29, 2023 - Aug. 9, 2023)
- 4.** When they miss a problem, there is an explanation at the bottom to teach them what went wrong. This is a great tool to get the problem right the next time. Please encourage your student to read the explanation before continuing with the skill.
- 5.** They will need pencil and paper to do many of the skills.
- 6. Please do not allow calculators.** This doesn't help them memorize their facts.

This should help to make the transition into 6th grade smooth and easy. I will be monitoring their progress through the app this summer. Completion of this task will earn a 100% for the first grade of the school year. If you are new to Crossings

or are having difficulty logging in, please contact the tech department at adifabio@crossingsschool.org. Have a fantastic summer! I look forward to meeting each of you this fall.

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Here are the skills your student will need to master:

- D.12** - Multiply 2-digit numbers by larger numbers
- E.13** - Divide 4-digit numbers by 2-digit numbers
- F.7** - Least common multiple
- F.6** - Find all the factor pairs of a number
- Y.2** - Convert fractions to decimals
- Y.4** - Convert decimals to fractions
- AA.5** - Add and subtract decimal numbers
- CC.6** - Multiply a decimal by a multi-digit whole number
- FF.4** - Division with decimal quotients
- FF.8** - Divide by decimals
- L.3** - Add fractions with unlike denominators
- R.4** - Multiply 2 mixed numbers
- U.3** - Divide unit fractions and whole numbers