

Summer Math

For incoming 5th graders

In order for your students to be prepared for school in the fall, it will be very beneficial for them to practice some of the 4th grade skills they learned last year. We are using a program called IXL. This program has all of the 4th grade skills and will be accessible to you over the summer. IXL is a website (IXL.com) or an app on computers and mobile devices.

There are 12 skills that I have chosen that are listed below. I would like for your student to master all 12 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 completed 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 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 on **4th grade math**. You can end up in Kindergarten or Algebra, so check the 4th grade tab.) 2. You will know your student has mastered the skill when there is a small gold medal beside the skill. If your student completed the skill during the school year, please have them do the skill again. **I will be checking for completion of the skills during the summer months.** 3. When they miss a problem, there is an explanation at the bottom to teach them what mistake was made. This is a great tool to get the problem correct the next time. Please encourage your student to read the explanation before continuing with the skill. 4. They will need pencil and paper to do many of the skills. 5. **Please do not allow calculators.** This does not help them memorize their facts or understand the process of solving the problem.

This should help to make the transition into 5th 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 that your student needs to master:

- A.3 Value of a digit
- A.18 Prime or Composite
- B.1 Adding 2 numbers up to 5 digits
- C.1 Subtract numbers up to 5 digits
- D.42 Multiply 2-digits by 2-digits
- E.3 Division facts to 12
- E.11 Divide 2-digits by 1-digit numbers
- E.26 Divisibility rules
- F.1 Add, subtract, multiply and divide
- F.19 Inequalities involving addition, subtraction, multiplication, and division
- M.1 Measure using an inch ruler
- O.13 Write fractions in lowest terms