



# Summer Prep for 3<sup>rd</sup> Grade Math



Mastery of math skills is important to the development of a solid math foundation. The 3<sup>rd</sup> Grade math program will add to the 2<sup>nd</sup> grade skills listed below. Any time spent learning or reinforcing these concepts will be very beneficial for your child next year. Each year builds upon the previous year's skills in math. If your child is not fluent in math facts, it is important to practice this summer. Lack of recall will quickly hinder progress and success with problem-solving. Student mastery of the basic math skills is as important to mathematical reasoning as learning the alphabet is to reading and writing. We suggest 60 to 90 minutes of practice per week to maintain current skills and prepare for the next grade level. The chart below provides optional practice for your child to complete over the summer:

Math Expectation	IXL
Understand place value up to 100,000	3 <sup>rd</sup> Grade Levels B.3, B.6, B.7
Multiplication/Division facts up to 10 (Challenge up to 12)	2 <sup>nd</sup> Grade Level Y, 7 to Y.11 and Z.1 to Z.2
Multiply a 1-digit number by a 2-digit number (Challenge... 1 X 3)	3 <sup>rd</sup> Grade Levels H.8 and H.9
Count money in bills and coins / make change	2 <sup>nd</sup> Grade P.1 to P.20
Writing numbers and words up to 1,000	2 <sup>nd</sup> Grade Level C.3, C.4, C.5
Estimation and Rounding	N.2, N.3, N.4 and N.5
Add, subtract and multiply whole numbers fluently	3 <sup>rd</sup> Grade Levels B.1, C.1, D.18
Add and subtract fractions with like denominators	3 <sup>rd</sup> Grade Level Z.8
Use customary and metric conversions	3 <sup>rd</sup> Grade Level BB.7, BB.16, BB.21
Regroup tens and ones	2 <sup>nd</sup> Grade Level M.9
Identify faces, edges, and vertices of 3D solids	3 <sup>rd</sup> Grade Level EE.2, EE.3
Logical Reasoning	2 <sup>nd</sup> Grade Level O.1
Fractions	2 <sup>nd</sup> Grade Level W.1 to W.13
Slide, Flip, Turn (Rotation, Translation, Reflection)	T.5 on 2 <sup>nd</sup> Grade Level
Interpret tally charts, tables and bar graphs from given data	3 <sup>rd</sup> Grade Levels U.4, U.5, U.6
Certain, Probable, Unlikely, Impossible	2 <sup>nd</sup> Grade Levels X.1 to X.4

Make math fun! Find different ways to “work” math into your days.

- If you need additional help with multiplication and division facts, one option may be Grade 2, Section Y and Grade 3, Sections F, G, K and L.
- You might try a cool, new website. ([www.mathisfun.com](http://www.mathisfun.com), [www.aaamath.com](http://www.aaamath.com), [www.mathplayground.com](http://www.mathplayground.com), [www.funbrain.com](http://www.funbrain.com))
- Try a math lesson on Scholastic Study Jams. ([studyjams.scholastic.com](http://studyjams.scholastic.com))
- Review math lessons at Khan Academy. ([www.khanacademy.org](http://www.khanacademy.org))
- Play math games using cards or dominoes.