



Mastery of math skills is important to the development of a solid math foundation. The 5th grade math program will add on to these 4th grade skills so that any time spent learning or reinforcing these concepts will be very beneficial for your child. Each year builds upon the previous year’s skills in math. Your child may require additional practice in basic math skills. Student mastery of the basic math skills is as important to success in future mathematical procedures and reasoning as learning the alphabet is to learning to read and write. We suggest 60 to 90 minutes of practice per week to maintain current skills and prepare for next grade level.

The chart below provides optional practice for your child to complete over the summer:

Math Expectation	4 th Grade IXL
Understand place value up to one billion	A.3, A.7, A.8, A.15
Multiplication facts up to 12 (Challenge up to 15)	D.1, D.2
List the first 12 multiples of a given number	D.3
Know prime versus composite numbers	A.10, A.11
Add, subtract and multiply whole numbers fluently	B.1, C.1, D.18
Divide numbers up to 4-digits by 1-digit	E.4
Use a number line with whole numbers, common fractions and decimals to the tenths place	P.6, T.8
Read, write, interpret and compare decimal places to the hundredths place	T.1, T.2, T.3, T.4
Covert between mixed numbers and improper fractions	P.23
Compare and order up to three fractions with different denominators	P.17, P.21
Add and subtract fractions with unlike denominators	R.2, R.4
Add and subtract decimals up to two places	U.1, U.2
Use customary and metric conversions	N.6, N.15
Find the area and perimeter of a shape	BB.1, BB.7, BB.11
Find the side of a shape given its perimeter or area	BB.6
Identify basic geometric shapes	W.2, X.4
Identify faces, edges, and vertices of 3D solids	AA.2, AA.3, AA.4
Identify perpendicular, parallel, and intersecting lines	W.5
Recognize plane figures that have line symmetry	Y.1, Y.2
Construct tables and bar graphs from given data	J.1, J.4, J.5
Find the median and range of a set of data	V.4

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

- You might try a cool, new website (www.mathisfun.com, www.aaamath.com, www.mathplayground.com, www.funbrain.com)
- Try a math lesson on Scholastic Study Jams (studyjams.scholastic.com)
- Review math lessons at Khan Academy (www.khanacademy.org)
- Play math games using cards or dominoes