

GRADE 3 MATH

In third grade math, students will take the leap from addition and subtraction to multiplication and division. Many children benefit from the use of number rods, base blocks, tiles and marbles to understand these concepts. Parents can use this checklist by checking off the below as their child learns.

NUMBERS, ADDITION & SUBTRACTION

- Round numbers to the nearest ten and hundred
- Understand and create fractions in problem solving
- Add numbers up to 1,000
- Locate and compare fractions that are represented on a number line

TIME, MEASUREMENT & GRAPHS

- Tell time to the nearest minute
- Be able to write the appropriate time numerically when looking at an analog clock
- Use addition and subtraction to solve problems that involve time and measurement
- Create graphs to represent data
- Use those graphs to solve mathematical questions
- Estimate liquid volumes and the masses of objects using grams as the measurement

MULTIPLICATION & DIVISION

- Understand the relationship between multiplication and division, for example the answer to the equation 32 divided by 8 is the same as finding the number that 8 should be multiplied by to make 32
- Multiply and divide numbers up to 100
- Recognize the similarity between problems like $3 \times 5 = 15$ and $5 \times 3 = 15$
- Multiply the lengths of the sides of an object to figure out the area

DATA, SHAPES & PATTERNS

- Use more than one mathematical practice, be that addition and multiplication or subtraction and division, in order to solve real-world problems
- Understand that shapes fall into different categories depending on shared attributes, like the number of sides
- Learn about quadrilaterals and their features
- Identify and explain arithmetic patterns, for example, why multiples of 2 are always even



There's a lot to cover in third grade math, but the skills children learned in first and second grade will help them along the way. You can help improve third grade math skills by having your child figure out the measurements of a recipe that is cut in half or doubled. This is a fun way to introduce mathematics into real-world situations.