

# Math Expectations for Third Grade

Incoming third graders should be able to add and subtract within 20 fluently. They also should be able to add and subtract within 100 using pencil and paper. In second grade, students spent a lot of time working with place value to 1,000. This included addition and subtraction within regrouping. A lot of time was spent on developing strategies to solve word problems. Work with measurement, time, and money rounded out their math foundation in second grade.

Third graders will spend a majority of their year building a knowledge of multiplication and division within 100. Over the summer, students can practice identifying and/or making equal groups. Third graders will also spend a lot of time learning about fractions - what they mean and how to identify them. Working with area, perimeter, time, and measurement is also an important part of the third grade curriculum.

## Ways to practice math over the summer!

### Fun Activities

- Have your child help measure items when following a recipe, even if it is one for slime
- Practice breaking things into equal amounts- discuss the fairest way to cut up a tray of brownies, set the table, pack snacks for the beach
- Discuss real life fractions – have your student figure out how much pizza needs to be ordered based on the amount of slices people want
- Have your child make choices regarding money – have them figure out what they can buy from the ice cream truck, count out any change received
- Practice using a clock or watch – discuss what time certain events occur or how long they are
- Make flashcards to review basic addition and subtraction facts

### Games

- Skip Bo
- Head Full of Numbers
- Monopoly
- Yahtzee
- Tape some math facts onto Jenga blocks
- Any games with dice or playing cards will help strengthen number sense

### Websites and/or Apps

- <https://www.zearn.org/> - students can use their logins during the summer
- <https://www.reflexmath.com/> - students can use their logins during the summer
- <https://gregtangmath.com/index>
- <https://www.coolmathgames.com/>
- [www.mathisfun.com](http://www.mathisfun.com)
- [www.sheppardsoftware.com/](http://www.sheppardsoftware.com/)

\*All internet activities should be monitored closely.

**Books**

Look for books about math at your local library. Here are some recommended titles:

- *The Wishing Club: A Story About Fractions* by Donna Jo Napoli
- *The Doorbell Rang* by Pat Hutchins