

Math Expectations for Second Grade

Incoming second graders should be able to add and subtract within ten fluently. In first grade, students spent a lot of time identifying, comparing, and breaking apart numbers to 100. A lot of time was spent specifically working on addition and subtraction under 20. Work with shapes, time, and money rounded out the math foundation built in first grade.

Second graders will spend a majority of their year building a knowledge of numbers to 1,000. This will include learning the importance of place value as well as the addition and subtraction of three-digit numbers with regrouping. Second graders will also spend a lot of time learning how to solve word problems. Working with money, time, and measurement is also an important part of the second grade curriculum.

Ways to practice math over the summer!

Fun Activities

- Use chalk to draw shapes, numbers, number sentences, measure items
- Discuss real life math situations – compare amounts of objects, think about how many more will be needed to have equal amounts, use words like greater or less
- Keep a summer calendar and have a countdown for fun summer events
- Keep score during a round of mini-golf or other game
- 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

Games

- Skip-Bo
- Uno
- 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

*All internet activities should be monitored closely.

Books

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

- *The Grapes of Math* by Greg Tang
- *Sir Cumference and All the King's Tens* by Cindy Neushwander