

Math Expectations for First Grade

Incoming first graders should be able to fluently add and subtract within 5. In kindergarten, they also worked on counting, modeling, and writing numbers to 20. Exploring shapes, patterns, coins and measuring length, capacity and weight rounded out the math foundation that is built in kindergarten.

First graders will spend a majority of their year working with numbers to 100. This work will include counting, writing, comparing and breaking apart the numbers to build a strong number sense. Addition, subtraction, and working with word problems is also an important part of the first grade curriculum.

Ways to practice math over the summer!

Fun Activities

- Use chalk to draw shapes, numbers, number sentences
- Use beads to make patterned bracelets
- Discuss real life math situations, for example count seashells, compare who has more, who has less, decide how many more would be needed to have the same amount
- Practice counting by 10s and 1s with dimes and pennies
- Keep a summer calendar and have a countdown for fun summer events
- Keep score during a round of mini-golf or other game
- Color by number or connect the dots

Games

- Hopscotch
- Uno
- Zingo 1-2-3
- 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/>
- <https://gregtangmath.com/index>
- <https://www.coolmathgames.com/>
- www.mathisfun.com

*All internet activities should be monitored closely.

Books

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

- *Math Fables* by Greg Tang
- *One is a Snail, Ten is a Crab* by April Pulley Sayre