

**OPTIONAL MATH SUMMER PRACTICE
FOR STUDENTS ENTERING 1ST GRADE**

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Students should be able to:

- Write, count, and identify numbers 0-100
- Solve basic addition and subtraction problems (using pictures, objects, and numbers)
- Skip-count by 2's, 5's, and 10's
- Identify numbers - before, after, in between, more than, fewer than
- Identify shapes (triangle, square, rectangle, circle, etc.)

Suggested Activities and Games:

- Number Memory
- Number/Shape Hunt
- Addition and Subtraction Bingo
- Monopoly, Battleship, Connect Four, Yahtzee, Checkers

Math Websites: *The following sites provide free online math tasks. Please review each site and monitor your child's online sessions.*

- <http://www.ixl.com>
- <http://www.funbrain.com>
- <http://www.aplusmath.com>
- <http://www.coolmath4kids.com>
- <http://www.mathplayground.com>
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**OPTIONAL MATH SUMMER PRACTICE
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Students should be able to:

- Identify and count numbers 0-120 forward and backwards.
- Solve basic addition and subtraction problems using mental math.
- Skip-count by 2's, 5's, and 10's up to 120.
- Understand place value of tens and ones.
- Tell time to the hour and half hour (1:00, 3:30).
- Measure objects using inches and centimeters.

Suggested Activities and Games:

- Flash Cards
- Number Memory
- Number/Shape Hunt
- Math Minutes – How many problems can you solve in a minute?
- Addition and Subtraction Bingo
- Monopoly, Battleship, Connect Four, Yahtzee, Checkers

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**OPTIONAL MATH SUMMER PRACTICE
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Students should be able to:

- **Fluently add and subtract within 20 using mental strategies!**
- Add and subtract two and three digit numbers with and without regrouping.
- Understand place value: Thousands, Hundreds, Tens, Ones
- Tell time to 5 minute intervals and elapsed time (It's 7:15. What time will it be in an hour?)
- Count mixed coins and bills (pennies, nickels, dimes, quarters, \$1 bills)
- Identify fractions and divide shapes into equal shares.
- Represent and interpret data on a graph.

Suggested Activities and Games:

- Flash Cards
- Math Minutes – How many problems can you solve in a minute?
- Addition and Subtraction Bingo
- Monopoly, Battleship, Connect Four, Yahtzee, Checkers

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