

Rising Grade 3 Summer Math

Games are a great way to support mathematical thinking, reasoning, and the development of logic, not to mention counting and, in many cases, developing number facts. These are some that your children will likely be familiar with from our curriculum, and will want to play over and over. Sometimes there is an orange “Directions” arrow you can click for more information near the top of the page.

Math Words and Ideas (MWIs) are part of our *Investigations* curriculum that provide short videos and displays in kid-friendly language to explain key math concepts students have been working on. Sometimes there are multiple tabs you can select in the bottom right corner. The last tab in many MWIs is a “Try It” page which provides interactive practice.

Games (Online Version)	Games (Paper Version)	Math Words and Ideas (MWI)
Do We Have 100?	Directions & Coin Cards pennies	Money Counting by Groups
Five-in-a-Row with Four Cards	Directions & Gameboards Primary Number Cards	Adding Within 20
Five-in-a-Row: Subtraction with Three Cubes	Directions & Gameboard One 7-12 number cube Two dot cubes counters - any type	Subtracting within 20
Collect 50¢	Directions Two dot cubes or number cubes coins	Money Counting by 2s, 5s, and 10s (video)
Double Arrays	Directions, Recording Sheet, & Primary Number Cards crayons	Rectangular Arrays (video)
Close to 20	Directions, Recording Sheet, & Primary Number Cards	Learning Addition Facts: Make 10 Facts, Doubles, Near-Doubles
Get to 100	Directions, Recording Sheet, & 100 Chart	
Collect \$1.00	Directions & Recording Sheet Pair of dice, coins	Coin Values and Equivalencies
Plus or Minus 10: Five-in-a-Row	Materials	100 Chart (video)
Plus 9 or Minus 9 Bingo	Directions, Gameboard, & Cards	Learning Addition Facts Learning Subtraction Facts

Capture 5	Directions, Recording Sheet, Gameboard, & Cards	100 Chart (video)
Make a Dollar	Directions, Recording Sheet, & Cards	Money Coin Values and Equivalencies
Close to 100	Directions, Recording Sheet, & Cards	Ways to Make 100 (video)
Spend \$1.00	Directions & Recording Sheet Pair of dice, coins	Coin Values and Equivalencies
Get to 0	Directions, Recording Sheet, & Gameboard Multiples of 5 Cube	

Online Resources

- [YouCubed](#) (a fantastic website, based at Stanford University and filled with resources for parents/families, teachers, and students. Tasks link is a great place to start.)
- [National Council of Teachers of Mathematics: Figure This!](#)
- [NRICH Maths](#) (Mathematics resources for children, parents and teachers to enrich learning K-12)
- [Greg Tang Math](#)
- [Which One Doesn't Belong?](#) (a collection of puzzles to support the development of productive mathematical conversation)
- [Bedtime Math](#) (a free online program that provides 5-minute math tasks for kids and families to work on each day)

Literature for Children

- *The Grapes of Math* by Greg Tang
- *Place Value* by David Adler
- *Sir Cumference and the First Round Table* by Cindy Neuschwander and Wayne Geehan
- *Triangle* by Mack Barnett and John Klassen
- *Infinity and Me* by Kate Hosford and Gabi Swiatkowska
- *Billions of Bricks* by Kurt Cyrus
- *Each Orange Had 8 Slices* by Paul Giganti
- *How Big is a Foot?* By Rolf Myller

See more at the website: <https://www.weareteachers.com/picture-books-about-math/>