



Partnership for Assessment of
Readiness for College and Careers

November 2014

COUNTDOWN TO PARCC FOR FAMILIES

SUPPORTING STUDENTS IN MATHEMATICS

Math standards identify what students need to know in math at each grade level and can be found at <http://www.corestandards.org/Math>. While teachers introduce concepts in school, students should also practice at home.



HOW CAN YOU HELP YOUR KIDS IMPROVE MATH SKILLS?

- Provide a quiet place and ample time for doing homework.
- *Kids learn by teaching others.* Have your child explain class assignments and homework to you, siblings, or friends.
- *Kids also learn through play and daily activities!* Play math and reasoning games with your child, or ask your child to help you count, calculate, solve daily math problems, and discuss creative solutions. See suggestions below.

MATH GAMES AND ACTIVITIES

These activities will help your kids improve their math and reasoning skills while they have fun!

- **Plan a trip!** Ask your child to estimate and measure distances on a map.
- **Cook together!** Have your child estimate and calculate the amounts of each ingredient when you halve, double, or triple recipes.
- **Go shopping!** As you collect items, ask your child to estimate the bill.
- Have older children choose the best deal by comparing serving sizes. They can also calculate taxes and apply discounts.
- **Snack smart!** Have your child compare sugar content and calories of different snack foods.
- **Enjoy family game night!** Play math and reasoning games such as Yahtzee, Uno, Phase 10, Set, Tantrix, Tangrams, Stratego, Chess, Mancala, Sudoku, Origami, Rummy, Battleship, and 24.



COMPUTER-BASED MATH GAMES AND TUTORIALS

- <http://www.coolmath-games.com>
- <http://www.kidsmathgamesonline.com>
- Practice using equation editors. For a simple guide, watch <http://www.youtube.com/watch?v=T6D3sPttgqE>
- Watch a more complex tutorial about an equation editor at <http://www.youtube.com/watch?v=Yq7QERIBF3M>