



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.



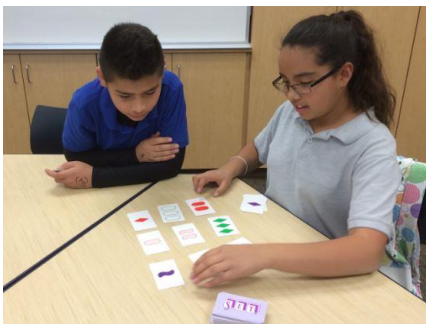
### HOW CAN YOU HELP YOUR KIDS IMPROVE MATH SKILLS?

- 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>