

Summer Math: Preparing for CCHS 6th Grade

There is not a summer math assignment for incoming 6th graders, but there are certain skills that your child need to remain proficient or improve their proficiency in over the summer to be successful in the curriculum next year. The baselines are mental math skills that should boost your child's confidence in math during the coming school year.

Baseline minimum proficiencies expected at the start of fall Math 6 class.

- Adding and subtracting numbers (ex: $1234+5678= 6912$)
- Decimals/money
- Fractions (ex: $1/2$, $1/3$, $1/4$ of a whole)
- *** Multiplication tables by memory, number range 1 – 12
- Division tables for the above multiplication products (answers)

Flashcards:

- This site has pre-made, auto-advancing flashcards (no answer exposed) for multiplication that starts as soon as you press "start":

http://www.softschools.com/flashcards/math/multiplication_facts/86/

- You can also make your own flashcards on 3x5 index cards for the multiplication and division tables are recommended as the best random practice for your child. Work on your child's speed and accuracy, creating goals for the amount correctly done with 2 minutes, etc.

Online Math Games

The following safe websites have computer and/or mobile (iPad, iPhone) based math games that incorporate a broad school-age range of activities and games. Review and incorporate at your leisure. Challenge your child to step outside the usual addition and subtraction. Once the minimum proficiencies of multiplication and simple division are conquered, move into other games of their interest.

http://www.softschools.com/flashcards/math/multiplication_facts/86/

<http://www.hoodamath.com/mobile/games/index.html>

<http://www.mathplayground.com/index.html>

*** Pay extra attention to multiplication tables by memory because weak memorization will cause early struggling.