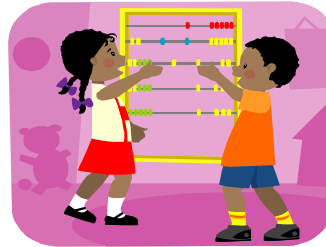


Atlantis Charter School
Summer Math



For students entering Kindergarten

For more information and additional forms, visit our website:

www.atlantiscs.org/

WHY IS SUMMER MATH IMPORTANT?

Kids can experience learning loss without educational summer activities. Research shows that teachers usually spend the first weeks of the school year re-teaching material that students have forgotten. (In fact, students can lose about 2.6 months of grade level equivalency in math skills during the summer months!)

WE ENCOURAGE STUDENTS TO WORK WITH NUMBERS AS MUCH AS POSSIBLE OVER THE SUMMER!

Math opens the doors to new experiences and information...and math is FUN!!!!

WHAT DOES MY CHILD HAVE TO DO?

- Decorate the journal cover.
- Work with your child at least once a week.
- Record a math journal page for **5** of those sessions.

The assignments are considered part of the child's math requirement for the first trimester of the school year and will be given a grade. Failure to complete the summer math requirement will affect your child's grade.

Additional forms will be available on our website.

WHEN SHOULD MY CHILD HAND IN THE WORK?

Assignments are due on the first week of school

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Math in Family Life

By the end of kindergarten, children should be counting to 100, reading numbers to 31, writing numbers to 20, using pictures and objects to solve simple addition and subtraction problems, comparing the length, weight, or capacity of different objects, and identifying basic shapes. The examples below might give you some ideas about how to practice these and other important skills with your kindergartener as you go about your daily life.

- Use the calendar to count up to or back from a special day, like a birthday or holiday.
- Ask your child to help by counting household items, for example, forks for a large family dinner or quarters for lunch money.
- Ask your child to count the items you want to buy, for example, 10 cans of tomatoes.
- Ask your child to add with objects. (*I picked out 2 oranges and you picked out 3 oranges. How many do we have altogether?*)
- Ask your child to count objects. (*We have 7 apples. I think that's too many.*)
- Have your child watch for your bus or train. (*Tell me when you see the bus with a 19 on it.*)
- Look for and discuss shapes. (*I see something that's a cube. Can you find it? or Can you see some rectangles out the window? How about circles? Do you notice more rectangles or circles?*)
- *If you child can count to ten, practice with them counting backwards. They can also count backwards by starting with a pile of 'things', first counting up to determine how many, and then back as they take one away at a time. This is more difficult, and not appropriate for students only learning to count up.*

Math Materials to Have at Home -- Games That Use Math

Keep these items in your home and help your child use them – you can invent reasons.

- ruler
- measuring spoons
- calendar
- measuring cups
- blocks
- clock with hands
- measuring tape
- real money
- beads and string

Playing games together is a relaxed and effective way to improve students' basic skills. Games like the ones listed below are appropriate for kindergarteners.

- *Chutes and Ladders*
- *Dominoes*
- *Candy Land*
- *Connect Four*
- Checkers
- Simple card games like *Go Fish* and *Hearts*
- Simple puzzles

For more information about helping your kindergartener with math, including suggestions about library books related to math and online practice games, go to

<http://www2.ed.gov/pubs/EarlyMath/whatis.html>

www.mathlearningcenter.org/resources/materials/parentsK.asp

Atlantis Charter School
Summer Math Entering Kindergarten Journal Cover: Make Your Own!



Name: _____

Future Kindergarten Student! 😊

