Math Plus Blue - Kindergarten
Course Syllabus
School Year 2014-15

COURSE DESCRIPTIONS

MATH PLUS BLUE:
This research-based course focuses on computational fluency, conceptual understanding, and problem-solving. The engaging course features graphics, learning tools, and games; adaptive activities that help struggling students master concepts and skills before moving on; and more support for Learning Coaches to guide their students to success. The course introduces Kindergarten students to numbers through 30. Students learn through reading, writing, counting, comparing, ordering, adding, and subtracting. They experience problem solving and encounter early concepts in place value, time, length, weight, and capacity. They learn to gather and display simple data. Students also study two- and three-dimensional figures—they identify, sort, study patterns, and relate mathematical figures to objects within their environment.

MATH PLUS BLUE COMMON CORE APPENDIX:
The Appendix course was created to supplement Math Plus Blue after the introduction of the Common Core Georgia Performance Standards (CCGPS). This course further develops students’ ability to count to 100, recognize three-dimensional shapes, and solve word problems. Students will have additional practice with counting and working in groups of ten through the Appendix lessons. It is a short course, consisting of only sixteen lessons.

OBJECTIVES AND OUTCOMES

COURSE OBJECTIVES:
The Math Plus Blue course is designed to facilitate your student’s mastery of, or progress towards, the Kindergarten Common Core Georgia Performance Standards.

https://www.georgiastandards.org/Common-Core/Documents/Large-Print-MATH-CCGPS-Grade-K.pdf

Kindergarten students will:

- Use manipulatives to understand the relationships between numbers and physical quantities
- Compare amounts in terms of greater than, less than, or equal to
- Recognize and write numerals
- Develop counting skills
- Apply their understanding of counting to time and money
- Perform simple addition and subtraction, including word problems, using physical objects to model problems
- Identify two-dimensional and three-dimensional shapes
- Identify and complete patterns
- Measure objects using standard and non-standard units

COURSE OUTCOMES:
In Kindergarten, your student will work toward a solid understanding of numbers and quantities. By the end of the year, students should be able to count to 100, count objects and represent them with numerals 0-20, perform simple addition and subtraction, recognize two- and three-dimensional shapes, and begin to utilize measurement.
**MATERIALS**

**K12 Materials:**
Contact k12 about missing or damaged textbooks:
(866) 512-2273

Materials for each course were provided through k12. You can see the materials you need to get ready for your students each day by choosing Materials We’ll Need and Get Ready with Advance Prep from the Plan menu in the OLS.

**Additional Supplies**
The following list of supplies may be helpful as you work with your student at home.
- Construction Paper
- Safety scissors (for small hands)
- Pencils
- Erasers
- Markers
- Colored Pencils
- Crayons
- Glue Sticks
- Dry erase markers
- Plastic zip-locking bags for storing math materials
- Folders for organizing student work

**ATTENDANCE AND PARTICIPATION**

**ATTENDANCE AND PARTICIPATION POLICY:**
As a member of a public school, all absences must be approved by your homeroom teacher. Students may not miss more than 10 days of school. If a student is absent on a school day and does not log attendance and record completed assignments, it is the student and learning coach’s responsibility to contact the student’s homeroom teacher and complete all missed work upon his/her return to school. It is also recommended that the student and learning coach consult the homeroom teacher to be sure progress goals in the student’s ILP are up to date and on track for the school year. It is a learning coach’s responsibility to log in attendance each day. Not logging in attendance consistently can result in truancy status which can lead to withdrawal.

**COURSE ATTENDANCE GUIDELINES:** Students should complete Five OLS lesson for Math WEEKLY to stay on track in each course.

Appendix course lessons do not need to be completed each day. Consider what works best for your student. You might add in a lesson each week to ensure you complete this course by the end of the year, or you could complete one lesson each day until it is finished. You may even choose to start the Appendix mid-year and still have it completed by May.

**CLASS CONNECT SESSIONS:**
Math Class Connect Sessions are hosted by Homeroom teachers on Tuesdays and Thursdays. Each class is 30-minutes. The classes will support the standards and skills that students are learning in their OLS courses, such as counting, recognizing and naming numerals and shapes, and word problems. Some sessions may be required as part of your student’s Individual Learning Plan (ILP).

**ACADEMIC INTEGRITY POLICY:**
All work submitted is assumed to have been completed by the student. Students are responsible for observing the standards on plagiarism and properly crediting all sources relied on in the composition of their work. Failure to abide by these standards will be reported to the appropriate administrative authorities and may result in loss of credit, revoked access to course(s) and suspension or expulsion from GCA.
ASSESSMENTS
In addition to working in the Math Plus Blue courses, students will complete the following assessments. These assessments provide opportunities for students to demonstrate their progress towards the Math goals and standards.

**GKIDS:** Students will be assessed on their mastery of the Math standards through the state-required Georgia Kindergarten Inventory of Developing Skills (GKIDS) Assessment. GKIDS is an ongoing and fluid checklist of the standards students are learning in Kindergarten and how they are progressing towards each standard. Parents and teachers will work together to assess standards throughout the school year.

**Study Island:** Study Island is an online tool that provides students with additional practice on grade level Language Arts and Math standards. Students answer questions about specific standards to earn blue ribbons. Completion of all Study Island blue ribbons is required by the end of April.

Students will also take a pre-test, mid-year test, and post-test in both Math and ELA to assess student growth throughout the year. We will analyze these assessments to review areas where additional support may be needed for each individual.

**Portfolios:** The Kindergarten portfolio assignments include checklists for parents to complete with their child to show how they are progressing towards specific Kindergarten standards.

REPORT CARDS
- Student **Individual Learning Plans (ILPs)** are developed and updated during parent-teacher-student conferences. Copies of the ILP are sent through k-mail to serve as a periodic report.
- A final **GKIDS report** will be sent to families in May.
- A final **End-of-Year Report Card** summarizing the year’s accomplishments will be mailed to families in June.

NOTE:
*This syllabus is subject to change at the discretion of the instructor in order to accommodate instructional and/or student needs.
*If a student is working above grade level, Study Island Pathways will still have to be completed for their current grade level along with the requirements of this course.
*If the course is completed before April, please discuss the next steps with your homeroom teacher.