

Singapore Math K

Class Description: Singapore math says, "EarlyBird Kindergarten Mathematics Standards Edition is a comprehensive, activity-based program designed to provide kindergarten students with a strong foundation in mathematics... The program aims to prepare young students for subsequent stages of mathematical thinking. In the Textbook, mathematical concepts are developed in a systematic, engaging and fun way. Hands-on tasks, meaningful activities and attractive illustrations rich in mathematical content engage students' active participation in the learning process. The series also provides easy-to-follow guidance in various forms to allow for meaningful intervention by both parents and teachers."

Learning Materials: Main Curriculum:

Early Bird Kindergarten Math STD ED Teacher's Guide A
Early Bird Kindergarten Math STD ED Teacher's Guide B
Early Bird Kindergarten Math STD ED Textbook A
Early Bird Kindergarten Math STD ED Textbook B
Earlybird Kindergarten Math STD ED Activity Book A
Earlybird Kindergarten Math STD ED Activity Book B

Learning Goals/Performance Objectives: K.1.A Rote count by ones forward from 1 to 100 and backward from any number in the range of 10 to 1.
K.1.B Read aloud numerals from 0 to 31.
K.1.D Order numerals from 1 to 10.
K.1.F Compare two sets of up to 10 objects each and say whether the number of objects in one set is equal to, greater than, or less than the number of objects in the other set.
K.2.A Copy, extend, describe, and create simple repetitive patterns.
K.2.C Model addition by joining sets of objects that have 10 or fewer total objects when joined and model subtraction by separating a set of 10 or fewer objects.
K.3.A Identify, name, and describe circles, triangles, rectangles, squares (as special rectangles), cubes, and spheres.
1.1.F Fluently compose and decompose numbers to 10

Learning Activities: The student will work through 2-3 units every month. Every unit comprises several lessons, each with a focused learning outcome. Students use the Big Book that corresponds to the units they are working with. New concepts are introduced but the curriculum spirals so that students can build on what they've already learned. Review pages at the end of each unit assess the students' mastery of key learning objectives. There are also "Math at Home" activities in tear-out sheets so the student can do math with the family.

Earlybird Kindergarten Mathematics Standards Edition Textbook A Contents

Unit 1: Match and Sort
Unit 2: Numbers to 5
Unit 3: Numbers to 10
Unit 4: Order
Unit 5: Shapes
Unit 6: Patterns
Unit 7: Length and Size
Unit 8: Weight
Unit 9: Capacity
Unit 10: Compare Sets

Earlybird Kindergarten Mathematics Standards Edition Textbook B Contents

Unit 11: Compare Numbers
Unit 12: Numbers to 20
Unit 13: Number Bonds
Unit 14: Addition

Unit 15: Subtraction
Unit 16: Addition and Subtraction
Unit 17: Numbers to 30
Unit 18: Time
Unit 19: Numbers to 100
Unit 20: Money

Progress Criteria/Methods of Evaluation: For successful completion of this course, the student will complete at least 70% of the lessons/goals, at a minimum of 70% accuracy.

September Unit 1-2
October Unit 3-4
November Unit 5-6
December Unit 7-8
January Unit 9-10-11
February Unit 12-13
March Unit 14-16
April Unit 17-18
May Unit 19-20
June Review