

<p align="center"><b>Course Title: KINDERGARTEN MATHEMATICS-B</b></p>	<p align="center"><b>Course Description</b></p>
<p><b>Course No.</b> N/A <span style="float: right;"><b>Grade level:</b> K</span></p> <p><b>Text and Resources:</b>  A. <i>Kindergarten Harcourt Math</i>; Harcourt Brace  B. <i>Trend Number Flash Cards 0-100</i></p>	<p><b>Course Duration:</b> *One Semester</p> <p><b>Credit Value:</b> One Course</p>
<p align="center"><b>Course Content: Key Content Standards and Course Objectives</b></p> <ol style="list-style-type: none"> <li>1. <b>Number Sense:</b> Students understand the relationship between numbers and quantities.</li> <li>2. <b>Number Sense:</b> Students understand and describe simple additions and subtractions.</li> <li>3. <b>Number Sense:</b> Students use estimation strategies in computation and problem solving that involve numbers that use the ones and tens places.</li> <li>4. <b>Algebra and Functions:</b> Students sort and classify objects.</li> <li>5. <b>Measurement and Geometry:</b> Students understand the concept of time and units to measure it; they understand that objects have properties, such as length, weight, and capacity, and that comparisons may be made by referring to those properties.</li> <li>6. <b>Measurement and Geometry:</b> Students identify common objects in their environment and describe the geometric features.</li> <li>7. <b>Statistics, Data Analysis, and Probability:</b> Students collect information about objects and events in their environment.</li> <li>8. <b>Mathematical Reasoning:</b> Students make decisions about how to set up a problem.</li> <li>9. <b>Mathematical Reasoning:</b> Students solve problems in reasonable ways and justify their reasoning.</li> </ol>	<p>By the end of kindergarten, students understand small numbers and quantities, and simple shapes in their everyday environment. They count, compare describe and sort objects, and develop a sense of properties and patterns.</p> <p>This course will prepare students to meet the challenges of the kindergarten mathematics objectives.</p> <p>*Open entry/open exit</p>
<p align="center"><b>Methods of Study</b></p> <ol style="list-style-type: none"> <li>1. Students will complete all activities assigned.</li> <li>2. Students will participate in discussion with other class members and/or teacher.</li> </ol>	<p align="center"><b>Evaluation of Performance Standards</b></p> <ol style="list-style-type: none"> <li>1. Students will complete all assignments and assessments with a minimum of 70% accuracy.</li> <li>2. The supervising teacher will be satisfied with the quality of the student's work.</li> </ol>

# KINDERGARTEN MATHEMATICS B

## Course Outline

### I. Textbook Assignment Options:

*Kindergarten Harcourt Math*; Chapters 7-12 (1 Course)

- Complete all problems and activities in the textbook and *Practice Workbook*.
- Complete one Extension Activity.

### II. Extension Activities

- A. Practice flash cards daily. Be prepared to name and order flash cards up to 30 for your teacher.
- B. Bring from home 30 of something. They can be Cheerios, Fruit Loops, paper clips, rubber bands, etc. Using your 30 counting objects, sort them into different groups showing equal to, greater than, and less than.
- C. Using a calendar, write down what day it is. What day will it be tomorrow? What day was yesterday? Write down how many days there are in a week. What days do you come to school? What days are week days? What days fall on the weekend?
- D. Teacher directed activity, approved by administrator.

### III. Evaluation

- Unit and/or final test.
- All textbook work must meet the 70% accuracy level for a “C” grade.