

<p align="center">Course Title: GRADE ONE MATHEMATICS-B</p>	<p align="center">Course Description</p>
<p>Course No. N/A Grade level: 1</p> <p>Text and Resources: A. <i>Grade One Harcourt Math</i>; Harcourt Brace</p>	<p>Course Duration: *One Semester</p> <p>Credit Value: One Course</p>
<p align="center">Course Content: Key Content Standards and Course Objectives</p>	
<ol style="list-style-type: none"> 1. Number Sense: Students understand and use numbers up to 100. 2. Number Sense: Students demonstrate the meaning of addition and subtraction and use these operations to solve problems. 3. Number Sense: Students use estimation strategies in computation and problem solving that involve numbers that use the ones and tens, and hundreds places. 4. Algebra and Functions: Students use number sentences with operations symbols and expressions to solve problems. 5. Measurement and Geometry: Students use direct comparison and nonstandard units to describe the measurements of objects. 6. Measurement and Geometry: Students identify common geometric figures, classify them by common attributes, and describe their relative position or their location in space. 7. Statistics, Data Analysis, and Probability: Students organize, represent, and compare data by category on simple graphs and charts. 8. Mathematical Reasoning: Students make decisions about how to set up a problem. 9. Mathematical Reasoning: Students solve problems and justify their reasoning. 10. Mathematical Reasoning: Students note connections between one problem and another. 	<p>First grade students who have successfully completed a year of mathematics should understand and use the concept of place value and the use of ones, tens and hundreds in the place value number system. This course will teach students how to add and subtract small numbers with ease, measure with simple units and locate objects in space. Upon completion of this course, students will also be able to describe data and analyze and solve simple problems.</p> <p>*Open entry/open exit</p>
<p align="center">Methods of Study</p>	<p align="center">Evaluation of Performance Standards</p>
<ol style="list-style-type: none"> 1. Students will complete all activities assigned. 2. Students will participate in discussion with other class members and/or teacher. 	<ol style="list-style-type: none"> 1. Students will complete all assignments and assessments with a minimum of 70% accuracy. 2. The supervising teacher will be satisfied with the quality of the student's work.

GRADE ONE MATHEMATICS B

Course Outline

I. Textbook Assignment Options:

Grade One Harcourt Math; Chapters 15-30 (1 Course)

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

II. Extension Activity

- A. Use an inch ruler to measure 3 things at home and record the measurements.
- B. Practice flashcards.
- C. Write the numbers 1-100. Then count to 100 in front of your teacher.
- D. Bring from home 100 of something. They can be Cheerios, Fruit Loops, beans, paper clips, rubber bands, etc. You will be asked to sort them into groups of 10 in front of your teacher.
- E. On a piece of paper, write up to 100 by 2s, 5s, and 10s. Be prepared to count by each of these numbers in front of your teacher.
- F. Create a subtraction booklet. You will make up 10 subtraction problems, one per page. Tell a subtraction story by drawing pictures of objects. Underneath your pictures, write the problem. For example: Jake had 3 cookies. His sister took 2. Now Jake has only 1 cookie left. You would draw 3 cookies in one circle, 2 cookies in another, and 1 cookie in the last circle. Underneath your picture, you would write $3 - 2 = 1$. Color your picture.
- G. Harcourt Math (select 1)
 1. Complete one of the California Connection activities from the textbook.
 2. Complete one of the Challenge activities.
 3. Complete one of the Math Detective activities.
- H. Teacher generated activity, approved by site administrator.

III. Evaluation

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