

NFC ACADEMY



MATHEMATICS 400 COURSE OVERVIEW

Math 400 is a full-year elementary math course focusing on number skills and numerical literacy. In it, students will gain solid experience with number theory and operations, including decimals and fractions. This course also integrates geometric concepts and skills throughout the units, teaches measurement skills, and introduces students to statistical concepts.

OBJECTIVES

BY THE END OF THE COURSE, STUDENTS WILL BE EXPECTED TO DO THE FOLLOWING:

- Perform all four operations on whole numbers.
- Compare and order numbers, using place value and rounding.
- Add and subtract fractions and decimals.
- Understand measurement concepts, including the metric system.
- Calculate perimeters and areas of regular plane shapes.
- Represent data on varied statistical charts.

REQUIRED RESOURCES

Some assignments in this course require the use of resources that must be supplied by the user. These outside resources are listed below by assignment.

In addition to the basic course program which includes daily lessons, periodic quizzes, and tests this course includes alternate assignments, when required, for use in enhancing instruction or addressing individual needs.

MATHEMATICS 400		
Unit	Assignment Title	Supply List
All	All Assignments	<ul style="list-style-type: none">• Scratch Paper
10	Project: Collecting Data	<ul style="list-style-type: none">• 4 small paper bags• large glass jar• assorted objects of 4 different colors
10	Project: Predicting Data	<ul style="list-style-type: none">• 4 small paper bags• large glass jar• assorted objects of 4 different colors

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GRADING INFORMATION

GRADING COMPONENTS

Lessons	40%
Quizzes	30%
Tests	30%

GRADING SCALE

100-90	A
89-80	B
79-70	C
69-60	D
Below 60	F