

# MATHEMATICS CLASSES

## Mathematical Reasoning Class Description

Using Mathematical Reasoning through Verbal Analysis- Level 1  
Grades 2-3

### Class Description

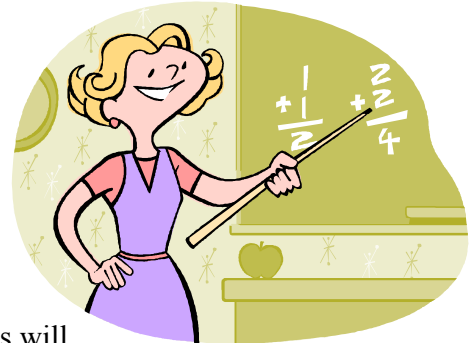
The class was designed to provide a learning environment for young students, ages 7-9, to prepare them for upper-level challenges. Small group settings allow teachers to help students reason out their answers together while also generating different strategies for solving various problems.

### Class Objectives

Each class covers mathematical reasoning skills for particular topics during a 45 minute lesson each week. Depending on age and maturity, students who actively participate in class and practice with a parent at home will be able to improve their grades and test scores while building their confidence.

- Learn letters and numbers
- Recognize and classify various shapes
- Count orally
- Estimate and compare lengths
- Complete sequences of numbers
- Read tables and graphs

In class, we will complete several worksheets while using math props and other helpful tools to visually show students important concepts in problem solving. Each student's progress will be monitored on a monthly basis based on class participation and individual accuracy of assignments.



### Readiness for Upper Grade Levels

The topics and skills taught in the class are drawn from national math standards. It is designed to prepare students for advanced math courses and assessments that measure critical thinking and reasoning. The fun activities will boost student's math comprehension while improving reading skills.