

The Core Curriculum Companion For The New York State Mathematics Resource Guide

INTRODUCTION

The **Core Curriculum Companion** is the result of a cooperative effort between the New York City members of the New York State Mathematics Mentors and the New York City Urban Systemic Initiative. This document was designed to support the implementation of the New York City Performance Standards in Mathematics and the key ideas identified in the New York State Mathematics Resource Guide/Core Curriculum.

Each section of this book focuses on a specific grade level from Prekindergarten through Grade 8. Within each grade level, there are investigations to enable students to explore important concepts in mathematics in each of the seven key ideas.

To facilitate the explorations, we have included vocabulary, a list of materials needed, the related New York City Performance Standards, and all the performance indicators. To further enhance student learning, each investigation includes ideas for implementation, possible solutions, and extensions of the original activity. We have also included model assessment questions in both multiple choice and extended response formats to support the mathematics testing program in New York City and New York State.

It is our expectation that the **Core Curriculum Companion** will assist teachers in providing their students with rich experiences in mathematics. In addition, we believe this document will support the high standards that have been established for our students.