



Instructor Supplement

Introduction

To the instructor:

The Connecting Mathematics for Elementary Teachers (CMET) supplement is designed to be used along with the textbook for the first mathematical content course for elementary teachers. It is not specifically designed to teach mathematics, but to help preservice teachers connect the mathematics they are learning with how children learn and understand mathematics. The intent is that this will enhance preservice teachers' understanding of mathematics and consequently improve their future teaching of mathematics to children. Students are more motivated to learn when they can see the connection between their learning and their anticipated careers.

We have developed two supplements, the **Student Supplement** and the **Instructor Supplement**. The Instructor Supplement will highlight key points from the Student Supplement and provide additional insights. In addition, it provides examples of other preservice teachers' thinking along with questions to promote discussions.

Most of your students in this course are apprehensive about learning mathematics. Our hope is that preservice teachers not only learn mathematics, but that they begin to develop an understanding of how children think about mathematics and learn to appreciate mathematics and enjoy teaching it. Furthermore, we hope that you will learn more about how children learn mathematics as well.

With the CMET supplement students should never say, "Where will I ever use this?"