

*(Contents continued from back cover)*

## **PART II: REGULAR JOURNAL FEATURES**

SCHOOL DIVISION LEADERS KEEN ON IN-SCHOOL MATHEMATICS EXPERTS D. Blount and J. Singleton	133
THE KAPREKAR ROUTINE AND OTHER DIGIT GAMES FOR UNDERGRADUATE EXPLORATION K. Peterson and H. Pulapaka	143

# CONTENTS    Volume 10

---

## **PART I: VIRGINIA EARTH SCIENCE COLLABORATIVE: DEVELOPING HIGHLY QUALIFIED TEACHERS**

VIRGINIA EARTH SCIENCE COLLABORATIVE: DEVELOPING HIGHLY QUALIFIED EARTH SCIENCE TEACHERS J. Cothron	1
OCEANOGRAPHY PROFESSIONAL DEVELOPMENT IN VIRGINIA VIA COLLABORATION, FIELD INTEGRATION, AND INQUIRY K. St. John	29
TWO BOATS, THREE SUMMERS, FIVE UNIVERSITIES, ONE DOZEN INSTRUCTORS, AND SIXTY-FIVE TEACHERS: A COLLABORATIVE OCEANOGRAPHY FIELD PROGRAM FOR EARTH SCIENCE V. Clark, C. Hopper-Brill, and C. Petrone	43
METEOROLOGY AND CLIMATOLOGY: ON-LINE WEATHER STUDIES J. Mulvany, M. Bentley, and E. Pyle	55
VIRGINIA EARTH SCIENCE COLLABORATIVE ASTRONOMY COURSE FOR TEACHERS E. Murphy, H. Geller, and M. Bentley	67
MAXIMIZING THE IMPACT OF PROFESSIONAL DEVELOPMENT FOR EARTH SCIENCE TEACHERS W. M. Frazier and D. R. Sterling	85
GEOLOGY OF VIRGINIA FOR TEACHERS AT RADFORD UNIVERSITY J. Tso	99
“SPOTLIGHT ON EARTH SCIENCE” SYMPOSIUM: AN OVERVIEW E. Pyle	115

*(Contents continued inside)*