PREPARATION OF BONE-STAINED MOUNTS
OF WHOLE ANIMALS ................................................................. 3

WE KNOW WHAT WE'RE TEACHING,
BUT WHAT DO THE STUDENTS KNOW? ............................................. 7

DOING SCIENCE WITH THE AID OF A
COMPUTERIZED SPREADSHEET ................................................... 13

FRACTION EXPLORATION WITH THE
MATH EXPLORER ........................................................................... 17

GREAT BOOKS FOR SCIENCE TEACHERS:
REVIEWS ........................................................................................... 21

ANNOUNCEMENTS AND PROGRAMS .................................................... 25
Summer 1992 Class Offerings in Physical Sciences
at Emporia State University .............................................................. 25
Tropical Adventure in Coral Reef Ecology ......................................... 28
Summer Graduate Program in Biological Sciences
at Emporia State University .............................................................. 29
Kansas Wildscape Foundation ............................................................ 30
WSU Presents Summer Environmental Education
Course for K-12 Teachers ................................................................. 31
Mid-America Consortium for Engineering and
Science Achievement (MACESA) .................................................... 31
New Director, ESU Science and Mathematics
Education Center ............................................................................. 32

NOTICES
From the Editor ....................................................................................... 2
Teaching Resource Book for Human
Reproductive Biology and AIDS Education ......................................... 6
Earth Materials Kit Available .................................................................. 12
Kansas Fossil Kit Available ................................................................... 12
Problem Solving Activity Books Available ............................................. 20

The cover drawing is of an inexpensive air sampler for the classroom that was built, designed,
and tested by Karen Eidman and Richard P. Keeling in the Division of Biological Sciences at
Emporia State University.