LEARNING PROBABILITY AND STATISTICS
FOR RESEARCH ON
INTERNATIONAL STUDY GROUP
NEWSLETTER OF THE
would be happy to send a copy to anyone interested.

The second project involves developing textbooks to cover the whole curriculum. This is in addition to the first component.

We would be very interested in hearing from anyone working on anything similar particularly in relation to the first component.

Comprehensive an Inventory of Resources

1. Write a literature review
2. Write a literature review
3. Carry out a survey of primary and secondary school teachers.

Information about Members

via email or regular mail

I hope to hear from many of you soon, either

please note that I have a new email address, one that seems to be

university.

overseas are high, and are covered by my department at the

this newsletter, please let me know. Possible costs for mailing

As I no longer wish to be on the mailing list to receive

access to access inside. I have not yet received copies of

any papers you have written or any external papers or articles you

have not been formally published. I hope to hear from

long before these. I want to encourage those I

And finding out what they are doing. I want to encourage those I

I am writing up my job as a review editor. I have been

and comments from some of the study groups members. This is one of

After each newsletter is sent out, I receive a flurry of messages
New Members

USA. E-mail:汕头@tf.cn

Canhale. 201 Postcard Hill, CB #3045, Chapel Hill, NC 27599-3345.

Mathematics and Science Education Network, The University of North
For more information on TEACH-STAI contact Dr. Susan Field.

1. Base program evaluation and research.

STA/I, a Laboratory of Research Programmes (CORP) in schools.

2. Assist elementary teachers in using statistics and data analysis as

3. Involve university and college faculty participating in TEACH-

particularity science and social studies.

and as a tool for investigating mathematics with other disciplines

in an organizational framework for the elementary mathematics curriculum.

1. Develop a site-specific professional development curriculum designed

especially, the project is designed to

effective in the elementary grades. Therefore, the state of North

prepare teachers and to research the teaching and learning of

project area have developed and implemented a comprehensive program to

NC-Earlin Carl. This project tackles the problem of how to develop

of North Carolina, this project tackles the problem of how to develop

at the Mathematics and Science Education Network at the University

Susan Field is co-directing a new NSF-funded project, TEACH-STAI.

Teachers guide with exercises and ideas for classroom use

the Secondary Program in Math and Science, and courses with a
displaying ideas, for students grades 6 through college. It includes

software from ELASTIC Solutions. The software is

Andree Bubnova announces that some of the ELASTIC software from her
Abstract:

The following papers were presented at PME-NA last October, in

Papers from PME

Scholz

"Psychological Research in Probabilistic Understanding" by R.W.

"Curriculum in Probabilistic Education" by R. Bletter

Shimizu

"The Theoretical Nature of Probabilistic in the Classroom" by H.

"A Model of the Probabilistic Curriculum" by A. Altstein and I. Garfield

Engen and H. J. Reiner

"Empirical Research in Understanding Probabilistic" by M. Borevitz

Kapadia

"A Probabilistic Perspective" by M. Borevitz, H. J. Reiner, and R.

The Educational Perspectives by R. Kapadia and M. Borevitz

and authors are:

Curriculum, classroom, computer, and psychological. The chapters
on the topic of probabilistic educational perspectives provided
mathematics education, and provide a broad range of perspectives
within its Bisa substantial gap in the current literature in
Mathematics Education Library. The editors note that the book was
published by Knowledge Academic Publishers as Volume 12 in the
Proportion study group. It has been published jointly edited by Raymond Kapadia and Nairada

Chance Encounters is Finally in Print!
Abstract


Recent Papers and Presentations of Interest

Mokros and Susan J., "Toward an Understanding of Mean as a Balance Point," by Janacek R.

Tapping for this Instrumental

Statistical Knowledge was used to determine the compositions and effectiveness of course curricula programs and materials. A review of the literature revealed that a new approach to understanding of probability and statistics for the purposes of assessment in an instrumental design to assess student...
The paper discusses how the computer fits into the developing view of computers as tools for instruction. In teaching, computers can be used to enhance traditional teaching methods by providing interactive, multimedia learning experiences. This can help students understand and retain information more effectively.

Abstract:


"The concept of chance in everyday teaching: an aspect of social and mathematical knowledge." By J. B. Remillard. The paper analyzes the relationship between the epistemological and psychological concepts of chance and uncertainty in classroom instruction. Epistemological investigations of uncertainty in classroom instruction reveal that students' understanding of chance and uncertainty is influenced by their sociocultural context. The paper concludes that the concept of chance in everyday teaching cannot be reduced to basic concepts of uncertainty, probability, or randomness.
Update on Proposed Research Roundtable

and Research Communications.

After a common goal of understanding in the minds of many people
were interested in participations. I had a good response upon. In
my email August 10 in Quebec and people all know if they
are. In the last newsletter I proposed a one-day research roundtable to

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help me in organizing and planning such a meeting, please let me know. If you or I have any suggestions that will even more productive. If any of you have any suggestions that will.

I am sorry, I am not going to cancel this research reportable and hope that

Funding for travel grants for participants.

After the conference, in the meantime, I will explore sources of

should propose the proposed research fundable, possibly if

Unfortunatley, I was unable to locate funding. However, I was

people asked for funding on the travel and I help pay for travel.

Mr. Andrew is scheduled for Quebec City, August 11th, 2:45, and plans to return to New York (about 2.5 hours by car) from Quebec City. QMC is scheduled for August 10th, 1:45 in Toronto, Ontario, and the conference on "Introduction to Data Analysis in the Schools" will overlap this time. All meet at different times, some on the same location. I did not realize how many conferences were going on, some research. However, some difficulties across time were huge and

people from several different countries indicated they would like to