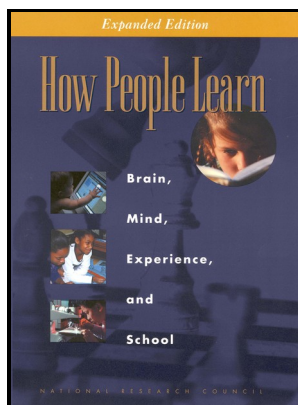


# Research within reach - secondary school mathematics : a research-guided response to the concerns of educators.

**National Council of Teachers of Mathematics - Algebra students' difficulty with fractions: an error analysis.**



Description: -

-Research within reach - secondary school mathematics : a research-guided response to the concerns of educators.

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Notes: At foot of title: Research and Development Interpretation Service Appalachia Educational Laboratory, National Institute of Education.

This edition was published in 1982



Filesize: 20.61 MB

Tags: #Algebra #students' #difficulty #with #fractions: #an #error #analysis.

## **Algebra students' difficulty with fractions: an error analysis.**

In terms of Margenau 1961, this suggests that the individual in the stage of concrete operations does not progress very far into the constructional domain, yet is able to develop and connect simple protocols that are closely related to the individual's experience p. Informal practice with fraction concepts should be limited to experiences that arise naturally, like fair sharing or situations that involve money. The results show that many who chose to use an algorithm were not really sure of the correct process, demonstrating several of the error patterns catalogued by Benander and Clement 1985.

## **A Review of Within Reach: Science ERIC/SMEAC Science Education Digest**

This will make them confident in searching for their own knowledge and will make them learn how to ask questions that will give them valuable information. Forty-two students did not attempt the problem.

## **Research within reach [microform] : secondary school reading : a research**

This instrument was designed to enable researchers to measure constructivist approaches to teaching high school subjects. Student enjoyment is defined by the questions on the attitude scale interest in lesson, willing to learn, importance of activities, try best, pay attention, enjoy the lesson. The form included items questioning students' enjoyment of and engagement in the activities in the classroom part 1, students' opinion on quality of instruction, instructor, and materials and equipment part 2 and 3, and students' opinion on choices of instruction they prefer in the future part 4.

**JVER v29n2**

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## **A Deep Understanding of Fractions Supports Student Success in Algebra**

Kenny Eds , The Teaching and Learning of Algorithms in School Mathematics pp. In this example unitising would allow the student to think of the operating unit as either one fifth or as three giants, both approaches illustrate that for every fifth there are three giants. Both teachers used in the study were interested in improved teaching methods, recognized by their peers as excellent teachers, and each was an expert in teaching electronics.

## Related Books

- [Deutsche Baukunst der Renaissance.](#)
- [Kommunikation in Schule und Hochschule - linguistische und ethnomethodologische Analysen](#)
- [Dokusō - kagakusha no tamashii](#)
- [Conversations on chemistry - in which the elements of that science are familiarly explained and illu](#)
- [Road safety education - information and suggestions for teachers](#)