

Homeschooling Math Without a Plan? You've Got to be Kidding!

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I. Introduction

- A. *Homeschooling as a Market*
- B. *Resources*
- C. *The "aura" of Mathematics*

II. Personal Beliefs

- A. *Background*
- B. *The "Whole" Child*
- C. *Homeschool Controversy*
- D. *Definitions and Sequences of Mathematics Courses*

- 1.
- 2.
- 3.
- 4.
- 5.
- 6.
- 7.

III. Evaluation of Audience Perspectives

- A. *Experiences*
- B. *Attitudes*

IV. So How Do We Know What to Teach, and When?

A. *Arithmetic*

B. *Mathematics*

C. *Important Characteristics of the Math We Teach*

1. Problem-solving based
2. Interaction and articulation
3. Analysis
4. Critical thinking

V. Examples of Effective Strategies (as time allows)

A. *Place Value Between 10 and 20*

B. *Geometric Shapes*

C. *Division of Fractions*

D. *Multiplying Decimals*

E. *Long Division*

F. *Three Stages of Learning*

- 1.
- 2.
- 3.