

Rice University School Mathematics Project

Urban Program

Curriculum—Revere Math—Summer '98

“The curriculum is conceptually based . . .” *NCTM*

Number & Number Operations	Measurement	Geometry	Probability & Statistics	Patterns & Functions
<ul style="list-style-type: none"> ◆ Fractions ◆ Decimals ◆ Percents 	<ul style="list-style-type: none"> ◆ Linear ◆ Area 	<ul style="list-style-type: none"> ◆ Shapes: 2 and 3 dimensions 		<ul style="list-style-type: none"> ◆ Proportions

The “learning day” will include time for teachers to plan instruction and to reflect on its impact on students. The prevailing instructional strategy will have students behave as architects, builders, and contractors.

Instruction will emphasize:

- ◆ *Solving related real-world problems involving important math concepts.*
- ◆ *Gathering, organizing, and analyzing data needed for solutions.*
- ◆ *Drawing conclusions from data.*
- ◆ *Representing data appropriately.*
- ◆ *Sharing learning through high-quality student products.*
- ◆ *Using manipulatives and calculators as problem solving tools*