

Rice University School Mathematics Project

Urban Program

Curriculum—Sam Houston—Summer '98

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

Number & Number Operations	Measurement	Geometry	Probability & Statistics	Patterns & Functions
<ul style="list-style-type: none"> ◆ Variables ◆ Integers 				<ul style="list-style-type: none"> ◆ Linear Equations ◆ Dependency Relations ◆ Functions

STUDENTS

To enhance each student's possibility for success in high school math, students will be involved continually in hands-on activities that develop important pre-algebra and algebra concepts.

The summer program will emphasize:

conducting experiments and collecting and analyzing data,

working in cooperative problem-solving groups,

learning to use manipulatives, calculators and computers as problem solving tools,

communicating what has been learned through student products, e.g. writing, graphing, student-designed exhibits, drama, murals, etc., and daily journal writing.

TEACHERS

To develop conceptually-based Learning Plans.