Rice University School Mathematics Project
Urban Program

Curriculum–Sam Houston–Summer ’98

“The curriculum is conceptually based . . .” NCTM

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**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.