

Rice University School Mathematics Project

Two-Week Urban Program

Curriculum—Sharpstown Middle and Senior High Schools—Summer '99

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

Mathematics	Technology
<ul style="list-style-type: none">• Integers<ul style="list-style-type: none">Integer operationsInventing integer rulesSolving and graphing linear equationsUsing integers in problem solving	<ul style="list-style-type: none">• Computer components• Word Processing• Data analysis• Internet research• PowerPoint presentations

“A First Look”

Students are given a first experience in some high school math content and high school learning expectations:

- *working in cooperative groups,*
- *discovering important mathematical concepts,*
- *using manipulatives as models for concept development and problem solving,*
- *using technology,*
- *collecting and analyzing data,*
- *developing study skills,*
- *using Windows to create a PowerPoint presentation.*