

Rice University School Mathematics Project

Curriculum—Urban Programs '99

Mathematical Concept: Integers						Processes
	Number & Operations	Patterns, Functions, & Algebra	Geometry & Spatial Sense	Measurement	Data Analysis: Statistics Probability	
Concepts	Add, Subtract, Multiply, Divide decimals and fractions Order of Operations	Multiplication Patterns Domain/Range	The Coordinate System	Metric System	Statistical Line Plot Mean, Mode, and Median, Range, Frequency	Problem Solving Reasoning & Proof Communicating
Manipulatives	Calculators Counters, Algebra Tiles	Pattern Blocks	Grid, Masking tape, Dominoes, Coins Calculator	Thermometer	Number Line, Graphs	Connecting Representing
Products	The Spinner Bohr model (Atoms) Journal Entry (Letter to Friend)	Diet – (No Sweat!) "I'm depending on U"	Battleship "Check Your Attitude"	Weather Map		