

Mathematical Representations K–5

Kindergarten	Grade 1	Grade 2	Grade 3	Grade 4	Grade 5
Manipulative	Manipulative	Manipulative	Manipulative	Manipulative	Manipulative
• Model	• Model	• Model	• Model	• Model	• Model
Five Frame					
Ten Frame	Ten Frame	Ten Frame	Ten Frame	Ten Frame	Ten Frame
• Diagram	Diagram	Diagram	Diagram	Diagram	Diagram
Number Line	Number Line	Number Line	Number Line	Number Line	Number Line
			Open Number Line	Open Number Line	Open Number Line
Tally Chart	Tally Chart	Tally Chart	Tally Chart	Tally Chart	Tally Chart
	• Chart	• Chart	• Chart	• Chart	• Chart
	• Table	• Table	• Table	• Table	Table
		Line Plot	Line Plot	Line Plot	Line Plot
		• Array	Array	• Array	• Array
		Picture Graph	Picture Graph	Picture Graph	Picture Graph
		Bar Graph	Bar Graph	Bar Graph	Bar Graph
		Area/Visual	Area/Visual Model	Area/Visual Model	Area/Visual Model
		Model	Set Model	• Set Model	Set Model
			Linear Model	Linear Model	Linear Model
					Linear Graph
					Graph With
					Coordinates