

Mathematics Blueprint

WVGSA Grade 5



WVGSA Blueprint - Grade 5			
Domain		Number of Items	
Cluster		Min	Max
OAT	Operations and Algebraic Thinking	8	11
	Write and interpret numerical expressions.	0	8
	Analyze patterns and relationships.	0	4
NBT & NF	Number and Operations in Base Ten & Fractions	14	17
	Understand the place value system.	0	5
	Perform operations with multi-digit whole numbers and with decimals to hundredths	0	5
	Use equivalent fractions as a strategy to add and subtract fractions.	0	4
	Apply and extend previous understandings of multiplication and division to multiply and divide fractions.	0	6
MD & G	Measurement, Data, and Geometry	9	11
	Convert like measurement units within a given measurement system.	0	2
	Represent and interpret data.	0	2
	Geometric measurement: understand concepts of volume and relate volume to multiplication and to addition.	1	5
	Graph points on the coordinate plane to solve real-world and mathematical problems.	0	2
	Classify two-dimensional figures into categories based on their properties.	0	2
DOK Ranges		Min	Max
DOK 1		5	9
DOK 2		17	22
DOK 3		5	9
Mathematical Habits of Mind Sub-Score		Min	Max
MHM: Modeling and Problem Solving		8	12
MHM: Use Mathematical Reasoning		8	12