

Mathematics Blueprint

WVGA Grade 3



WVGA Blueprint - Grade 3			
Domain		Number of Items	
Cluster		Min	Max
OAT	Operations and Algebraic Thinking	10	13
	Represent and solve problems involving multiplication and division.	0	5
	Understand properties of multiplication and the relationship between multiplication and division.	0	4
	Multiply and divide within 100.	0	2
	Solve problems involving the four operations and identify and explain patterns in arithmetic.	0	4
NBT & NF	Number and Operations in Base Ten & Fractions	13	16
	Use place value understanding and properties of operations to perform multi-digit arithmetic.	7	10
	Develop understanding of fractions as numbers.	5	8
MD & G	Measurement, Data and Geometry	8	10
	Solve problems involving measurement and estimation of intervals of time, liquid volumes, and masses of objects.	0	3
	Represent and interpret data.	0	3
	Geometric measurement: understand concepts of area and relate area to multiplication and to addition.	0	3
	Geometric measurement: recognize perimeter as an attribute of plane figures and distinguish between linear and area measures.	0	2
	Reason with shapes and their attributes.	0	3
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