Mathematics Blueprint
WVGSA Grade 5

WVGSA Blueprint - Grade 5		
Domain	**Number of Items**	
Cluster	**Min**	**Max**

		Min	Max
OA	**Operations and Algebraic Thinking**	**10**	**14**
	Write and interpret numerical expressions	2	10
	Analyze patterns and relationships	1	5
NBT & NF	**Number and Operations in Base Ten & Fractions**	**17**	**21**
	Understand the place value system	1	6
	Perform operations with multi-digit whole numbers and with decimals to hundredths	1	6
	Use equivalent fractions as a strategy to add and subtract fractions	1	5
	Apply and extend previous understandings of multiplication and division to multiply and divide fractions	1	7
MD & G	**Measurement, Data and Geometry**	**11**	**14**
	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	6
	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	7	11
DOK 2	22	27
DOK 3	6	11

Mathematical Habits of Mind Sub-Score	Min	Max
MHM: Modeling and Problem Solving	8	12
MHM: Use Mathematical Reasoning	8	12