

Domain / Standard	PAWS 4th Grade Mathematics Blueprint Cluster Heading	Focus m = major s = supporting a = additional	Items Per Domain	# of Items / Cluster Heading	PAWS Emphasis	PAWS Administration 2014 to Present Mathematics Wyoming Department of Education
<b>Operations and Algebraic Thinking</b>			<b>13</b>			
4.OA.1	Use the four operations with whole numbers to solve problems.	m		6-8	22%	
4.OA.2						
4.OA.3						
4.OA.4	Gain familiarity with factors and multiples.	s		2-4		
4.OA.5	Generate and analyze patterns.	a		2-4		
<b>Number and Operations - Base Ten</b>			<b>10</b>			
4.NBT.1	Generalize place value understanding for multi-digit whole numbers.	m		3-5	17%	
4.NBT.2						
4.NBT.3						
4.NBT.4	Use place value understanding and properties of operations to perform multi-digit arithmetic.	m		5-7		
4.NBT.5						
4.NBT.6						
<b>Number and Operations - Fractions</b>			<b>20</b>			
4.NF.1	Extend understanding of fraction equivalence and ordering.	m		3-5	34%	
4.NF.2						
4.NF.3	Build fractions from unit fractions by applying and extending previous understandings of operations on whole numbers.	m		9-11		
4.NF.4						
4.NF.5	Understand decimal notation for fractions, and compare decimal fractions.	m		5-7		
4.NF.6						
4.NF.7						
<b>Measurement and Data</b>			<b>10</b>			
4.MD.1	Solve problems involving measurement and conversion of measurements from a larger unit to a smaller unit.	s		5-7	17%	
4.MD.2						
4.MD.3						
4.MD.4	Represent and interpret data.	s		1-3		
4.MD.5	Geometric measurement: understand concepts of angle and measure angles.	a		1-3		
4.MD.6						
4.MD.7						
<b>Geometry</b>			<b>6</b>			
4.G.1	Draw and identify lines and angles, and classify shapes by properties of their lines and angles.	a		6	10%	
4.G.2						
4.G.3						
			<b>59</b>	<b>59</b>	<b>100%</b>	