

# CMAS Mathematics Blueprints: Percentage Targets

## Grades 3-5

	Grade 3		Grade 4		Grade 5	
	2017	2018	2017	2018	2017	2018
<b>Type 1</b>	61%	61-62%	61%	61-62%	61%	61-62%
1.1	48%	49-50%	39%	37-38%	39%	37-38%
1.2	12%	12%	21%	24%	21%	24%
1.4	-	-	-	-	-	-
Subclaim A: Major Content	42%	43-44%	47%	47-48%	45%	45-46%
Subclaim B: Supporting Content	18%	18%	14%	14%	15%	16%
<b>Type 2</b>	21%	20-22%	21%	20-22%	21%	20-22%
2.3	9%	6-12%	9%	6-12%	9%	6-12%
2.4	12%	8-16%	12%	8-16%	12%	8-16%
Subclaim C: Expressing Mathematical Reasoning	21%	20-22%	21%	20-22%	21%	20-22%
<b>Type 3</b>	18%	18%	18%	18%	18%	18%
3.3	9%	6%	9%	6%	9%	6%
3.6	9%	12%	9%	12%	9%	12%
Subclaim D: Modeling and Application	18%	18%	18%	18%	18%	18%
<b>Calculator</b>	-	-	-	-	-	-
<b>Non-calculator</b>	100%	100%	100%	100%	100%	100%
<b>Total</b> (produces scale score and performance level)	<b>100%</b> 66 points	<b>100%</b> 50-51 points	<b>100%</b> 66 points	<b>100%</b> 50-51 points	<b>100%</b> 66 points	<b>100%</b> 50-51 points

# CMAS Mathematics Blueprints: Percentage Targets

## Grades 6-8

	Grade 6		Grade 7		Grade 8	
	2017	2018	2017	2018	2017	2018
<b>Type 1</b>	61%	61-62%	61%	61-62%	61%	61-62%
1.1	36%	37-38%	36%	37-38%	33%	33-34%
1.2	18%	16%	18%	16%	15%	12-20%
1.4	6%	8%	6%	8%	12%	8-16%
Subclaim A: Major Content	39%	39-40%	44%	45-46%	41%	41-42%
Subclaim B: Supporting Content	21%	22%	17%	16%	20%	20%
<b>Type 2</b>	21%	20-22%	21%	20-22%	21%	20-22%
2.3	9%	6-12%	9%	6-12%	9%	6-12%
2.4	12%	8-16%	12%	8-16%	12%	8-16%
Subclaim C: Expressing Mathematical Reasoning	21%	20-22%	21%	20-22%	21%	20-22%
<b>Type 3</b>	18%	18%	18%	18%	18%	18%
3.3	9%	6%	9%	6%	9%	6%
3.6	9%	12%	9%	12%	9%	12%
Subclaim D: Modeling and Application	18%	18%	18%	18%	18%	18%
<b>Calculator</b>	<b>73%</b>	<b>72-73%</b>	<b>76%</b>	<b>76%</b>	<b>71-73%</b>	<b>72-73%</b>
<b>Non-calculator</b>	<b>27%</b>	<b>27-28%</b>	<b>24%</b>	<b>24%</b>	<b>27-29%</b>	<b>27-28%</b>
<b>Total</b> (produces scale score and performance level)	<b>100%</b> 66 points	<b>100%</b> 50-51 points	<b>100%</b> 66 points	<b>100%</b> 50-51 points	<b>100%</b> 66 points	<b>100%</b> 50-51 points