2012 DC CAS and DCPS -Mathematics Target Blueprint

DCPS Common Core Blueprint for 2012
Grade 2 - operational items will be selected to align to the Common Core Standards listed in the "DCPS Grade 2 Standards" blueprint

Common Core Reporting Category	SR	CR	Total # Items (Target)	Total # Points (Target)	Total # Points 2012 (Actual)	% Points (Target)	% Points 2012 (Actual)
Operations and Algebraic Thinking	7	1	8	10	10	23%	24%
Numbers and Operations in Base Ten	14	0	14	14	11	32%	26%
Geometry	5	0	5	5	7	11%	17%
Measurement and Data	12	1	13	15	14	34%	33%
TOTALS	**38**	**2**	**40**	**44**	**42**	**100%**	**100%**

2011 Target Blueprint

Grades 3-8 and 10 are based on David Coleman's "Priority Standards" which emphasize DC math Standards that are foundational to Common Core; strand weightings are within 10% of the 2011 blueprint

DC CAS Grade 3

DCCAS Reporting Category	SR	CR	Total # Items (Target)	Total # Points (Target)	% Points (Target)
Number Sense and Operations	16	1	17	19	32%
Patterns, Relations, and Algebra	11	0	11	11	18%
Geometry	5	1	6	8	13%
Measurement	8	0	8	8	13%
Data Analysis, Statistics, and Probability	11	1	12	14	23%
TOTALS	**51**	**3**	**54**	**60**	**100%**

Grade 3

DCCAS Reporting Category	SR	CR	Total # Items (Target)	Total # Points (Target)	Total # Points 2012 (Actual)	% Points (Target)	% Points 2012 (Actual)
Number Sense and Operations	7	0	7	7	11	12%	18%
Number Sense and Operations (Priority Standards)*	8	1	9	11	7	18%	12%
Patterns, Relations, and Algebra	10	0	10	10	10	17%	17%
Geometry	4	1	5	7	7	12%	12%
Measurement	2	0	2	2	3	3%	5%
Measurement (Priority Standards)*	10	0	10	10	9	17%	15%
Data Analysis, Statistics, and Probability	10	1	11	13	13	22%	22%
TOTALS	**51**	**3**	**54**	**60**	**60**	**100%**	**100%**

*The NSO Priority Standards are: 3.NSO-C.15, 3.NSO-C.16, 3.NSO-C.17, 3.NSO-C.20 and 3.NSO-C.21
The Measurement Priority Standards are: 3.M.1 and 3.M.4

DC CAS Grade 4

DCCAS Reporting Category	SR	CR	Total # Items (Target)	Total # Points (Target)	% Points (Target)
Number Sense and Operations	19	0	19	19	32%
Patterns, Relations, and Algebra	8 or 11	0-1	9 or 11	11	18%
Geometry	5	1	6	8	13%
Measurement	5 or 8	0-1	6 or 8	8	13%
Data Analysis, Statistics, and Probability	11	1	12	14	23%
TOTALS	**51**	**3**	**54**	**60**	**100%**

Grade 4

DCCAS Reporting Category	SR	CR	Total # Items (Target)	Total # Points (Target)	Total # Points 2012 (Actual)	% Points (Target)	% Points 2012 (Actual)
Number Sense and Operations	4	0	4	4	7	7%	12%
Number Sense and Operations (Priority Standards)*	19	0	19	19	16	32%	27%
Patterns, Relations, and Algebra	7 or 10	0-1	8 or 10	10	10	17%	17%
Geometry	4	1	5	7	7	12%	12%
Measurement	4 or 7	0-1	5 or 7	7	7	12%	12%
Data Analysis, Statistics, and Probability	10	1	11	13	13	22%	22%
TOTALS	**51**	**3**	**54**	**60**	**60**	**100%**	**100%**

*The NSO Priority Standards are: 4.NSO-F.9, 4.NSO-F.10, 4.NSO-F.12, 4.NSO-C.16, 4.NSO-C.19, 4.NSO-C.20, 4.NSO-C.27, 4.NSO-C.22, 4.NSO-C.25 and 4.NSO-C.26

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DC CAS Grade 5

DCCAS Reporting Category	SR	CR	Total # Items (Target)	Total # Points (Target)	% Points (Target)
Number Sense and Operations	18	0	18	18	30%
Patterns, Relations, and Algebra	12	1	13	15	25%
Geometry	6 or 9	0-1	7 or 9	9	15%
Measurement	6 or 9	0-1	7 or 9	9	15%
Data Analysis, Statistics, and Probability	6 or 9	0-1	7 or 9	9	15%
TOTALS	51	3	54	60	100%

Grade 5

DCCAS Reporting Category	SR	CR	Total # Items (Target)	Total # Points (Target)	Total # Points 2012 (Actual)	% Points (Target)	% Points 2012 (Actual)
Number Sense and Operations	8	0	8	8	8	13%	13%
Number Sense and Operations (Priority Standards)*	12	0	12	12	12	20%	20%
Patterns, Relations, and Algebra	10	1	11	13	13	22%	22%
Geometry	6 or 9	0-1	7 or 9	9	9	15%	15%
Measurement	6 or 9	0-1	7 or 9	9	9	15%	15%
Data Analysis, Statistics, and Probability	6 or 9	0-1	7 or 9	9	9	15%	15%
TOTALS	51	3	54	60	60	100%	100%

*The NSO Priority Standards are: 5.NSO-F.8, 5.NSO-C.13, 5.NSO-C.18, 5.NSO-E.23, 5.NSO-C.14, 5.NSO-C.16 and 5.NSO-C.20

DC CAS Grade 6

DCCAS Reporting Category	SR	CR	Total # Items (Target)	Total # Points (Target)	% Points (Target)
Number Sense and Operations	15	1	16	18	30%
Patterns, Relations, and Algebra	13 or 16	0-1	14 or 16	16	27%
Geometry	8	0	8	8	13%
Measurement	5 or 8	0-1	6 or 8	8	13%
Data Analysis, Statistics, and Probability	7 or 10	0-1	8 or 10	10	17%
TOTALS	51	3	54	60	100%

Grade 6

DCCAS Reporting Category	SR	CR	Total # Items (Target)	Total # Points (Target)	Total # Points 2012 (Actual)	% Points (Target)	% Points 2012 (Actual)
Number Sense and Operations	3	0	3	3	3	5%	5%
Number Sense and Operations (Priority Standards)*	12	1	13	15	15	25%	25%
Patterns, Relations, and Algebra	13 or 16	0-1	14 or 16	16	16	27%	27%
Geometry	8	0	8	8	8	13%	13%
Measurement	5 or 8	0-1	6 or 8	8	8	13%	13%
Data Analysis, Statistics, and Probability	7 or 10	0-1	8 or 10	10	10	17%	17%
TOTALS	51	3	54	60	60	100%	100%

*The NSO Priority Standards are: 6.NSO-N.3, 6.NSO-N.5, 6.NSO-C.8, 6.NSO-C.10, 6.NSO-C.11, 6.NSO-C.12, 6.NSO-C.16 and 6.NSO-C.17

DC CAS Grade 7

DCCAS Reporting Category	SR	CR	Total # Items (Target)	Total # Points (Target)	% Points (Target)
Number Sense and Operations	14 or 17	0-1	15 or 17	17	28%
Patterns, Relations, and Algebra	13	1	14	16	27%
Geometry	6 or 9	0-1	7 or 9	9	15%
Measurement	5	1	6	8	13%
Data Analysis, Statistics, and Probability	7 or 10	0-1	8 or 10	10	17%
TOTALS	51	3	54	60	100%

Grade 7

DCCAS Reporting Category	SR	CR	Total # Items (Target)	Total # Points (Target)	Total # Points 2012 (Actual)	% Points (Target)	% Points 2012 (Actual)
Number Sense and Operations	9	0	9	9	9	15%	15%
Number Sense and Operations (Priority Standards)*	6	1	7	9	9	15%	15%
Patterns, Relations, and Algebra	10	1	11	13	13	22%	22%
Patterns, Relations, and Algebra (Priority Standards)*	2	0	2	2	2	3%	3%
Geometry	8	0	8	8	8	13%	13%
Measurement	1	0	1	1	3	2%	5%
Measurement (Priority Standards)*	6	1	7	9	7	15%	12%
Data Analysis, Statistics, and Probability	9	0	9	9	9	15%	15%
TOTALS	51	3	54	60	60	100%	100%

*The NSO Priority Standards are: 7.NSO-N.8, 7.NSO-C.13 and 7.NSO-C.14
The PRA Priority standard is 7.PRA.8
The Measurement Priority Standards are 7.M.3 and 7.M.4

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DC CAS Grade 8

DCCAS Reporting Category	SR	CR	Total # Items (Target)	Total # Points (Target)	% Points (Target)
Number Sense and Operations	14 or 17	0-1	15 or 17	17	28%
Patterns, Relations, and Algebra	13	1	14	16	27%
Geometry	6 or 9	0-1	7 or 9	9	15%
Measurement	5	1	6	8	13%
Data Analysis, Statistics, and Probability	7 or 10	0-1	8 or 10	10	17%
TOTALS	51	3	54	60	100%

Grade 8

DCCAS Reporting Category	SR	CR	Total # Items (Target)	Total # Points (Target)	Total # Points 2012 (Actual)	% Points (Target)	% Points 2012 (Actual)
Number Sense and Operations	13 or 16	0-1	14 or 16	16	16	27%	27%
Patterns, Relations, and Algebra (Priority Standards)*	18	1	19	21	21	35%	35%
Geometry	5 or 8	0-1	6 or 8	8	8	13%	13%
Measurement	3	1	4	6	6	10%	10%
Data Analysis, Statistics, and Probability	6 or 9	0-1	7 or 9	9	9	15%	15%
TOTALS	51	3	54	60	60	100%	100%

*The PRA Priority Standards are: 8.PRA.1, 8.PRA.2, 8.PRA.3, 8.PRA.4, 8.PRA.5, 8.PRA.6 and 8.PRA.9

DC CAS Grade 10

DCCAS Reporting Category	SR	CR	Total # Items (Target)	Total # Points (Target)	% Points (Target)
Number Sense and Operations	9 or 12	0-1	10 or 12	12	20%
Patterns, Relations, and Algebra	14	1	15	17	28%
Geometry	7	1	8	10	17%
Measurement	8	0	8	8	13%
Data Analysis, Statistics, and Probability	10 or 13	0-1	11 or 13	13	22%
TOTALS	51	3	54	60	100%

Grade 10

DCCAS Reporting Category	SR	CR	Total # Items (Target)	Total # Points (Target)	Total # Points 2012 (Actual)	% Points (Target)	% Points 2012 (Actual)
Number Sense and Operations	8 or 11	0-1	9 or 11	11	11	18%	18%
Patterns, Relations, and Algebra (Priority Standards)*	18	1	19	21	21	35%	35%
Geometry	6	1	7	9	9	15%	15%
Measurement	7	0	7	7	7	12%	12%
Data Analysis, Statistics, and Probability	9 or 12	0-1	10 or 12	12	12	20%	20%
TOTALS	51	3	54	60	60	100%	100%

*The PRA Priority Standards are: AI.P.1, AI.P.3, AI.P.5, AI.P.13, AI.P.14, AI.P.15, AI.P.8 and AI.P.9

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