

ND A+ Math Grade 3 Blueprint

Category	Sub-category	Standards Assessed	Approximate Portion of Test (38 items)
Number and Operations (NO)	Counting & Cardinality (CC)	3.NO.CC.1	31-32%
	Base Ten (NBT)	3.NO.NBT.1 3.NO.NBT.2 3.NO.NBT.3 3.NO.NBT.4	
	Fractions (NF)	3.NO.NF.1 3.NO.NF.2 3.NO.NF.3 3.NO.NF.4 3.NO.NF.5	
Algebraic Reasoning (AR)	Operations and Algebraic Thinking (OA)	3.AR.OA.1 3.AR.OA.2 3.AR.OA.3 3.AR.OA.4 3.AR.OA.5 3.AR.OA.6	28-29%
Geometry and Measurement (GM)	Geometry (G)	3.GM.G.1 3.GM.G.2 3.GM.G.3	23-24%
	Measurement (M)	3.GM.M.1 3.GM.M.2 3.GM.M.3 3.GM.M.4 3.GM.M.5 3.GM.M.6 3.GM.M.7 3.GM.M.8	
Data, Probability, and Statistics (DPS)	Data (D)	3.DPS.D.1 3.DPS.D.2 3.DPS.D.3	15-16%

At least 75% of all standards within a reporting category are assessed every year, and each standard is assessed within every 3 years.

All items for this grade will be non-calculator.

DOK Level	Min/Max
1	18-32%
2	50-64%
3	13-22%

ND A+ Math Grade 4 Blueprint

Category	Sub-category	Standards Assessed	Approximate Portion of Test (38 items)
Number and Operations (NO)	Counting & Cardinality (CC)	4.NO.CC.1	42-43%
	Base Ten (NBT)	4.NO.NBT.1 4.NO.NBT.2 4.NO.NBT.3 4.NO.NBT.4 4.NO.NBT.5 4.NO.NBT.6	
	Fractions (NF)	4.NO.NF.1 4.NO.NF.2 4.NO.NF.3 4.NO.NF.4 4.NO.NF.5 4.NO.NF.6 4.NO.NF.7	
Algebraic Reasoning (AR)	Operations and Algebraic Thinking (OA)	4.AR.OA.1 4.AR.OA.2 4.AR.OA.3 4.AR.OA.4 4.AR.OA.5 4.AR.OA.6	23-24%
Geometry and Measurement (GM)	Geometry (G)	4.GM.G.1 4.GM.G.2 4.GM.G.3	18-19%
	Measurement (M)	4.GM.M.1 4.GM.M.2 4.GM.M.3 4.GM.M.4 4.GM.M.5 4.GM.M.6 4.GM.M.7	
Data, Probability, and Statistics (DPS)	Data (D)	4.DPS.D.1 4.DPS.D.2 4.DPS.D.3	15-16%

At least 75% of all standards within a reporting category are assessed every year, and each standard is assessed within every 3 years.

All items for this grade will be non-calculator.

DOK Level	Min/Max
1	18-32%
2	50-64%
3	13-22%

ND A+ Math Grade 5 Blueprint

Category	Sub-category	Standards Assessed	Approximate Portion of Test (38 items)
Number and Operations (NO)	Counting & Cardinality (CC)	5.NO.CC.1	42-43%
	Base Ten (NBT)	5.NO.NBT.1 5.NO.NBT.2 5.NO.NBT.3 5.NO.NBT.4 5.NO.NBT.5 5.NO.NBT.6 5.NO.NBT.7	
	Fractions (NF)	5.NO.NF.1 5.NO.NF.2 5.NO.NF.3 5.NO.NF.4	
Algebraic Reasoning (AR)	Operations and Algebraic Thinking (OA)	5.AR.OA.1 5.AR.OA.2 5.AR.OA.3 5.AR.OA.4 5.AR.OA.5	23-24%
Geometry and Measurement (GM)	Geometry (G)	5.GM.G.1 5.GM.G.2 5.GM.G.3	18-19%
	Measurement (M)	5.GM.M.1 5.GM.M.2 5.GM.M.3	
Data, Probability, and Statistics (DPS)	Data (D)	5.DPS.D.1 5.DPS.D.2	15-16%

At least 75% of all standards within a reporting category are assessed every year, and each standard is assessed within every 3 years.

All items for this grade will be non-calculator.

DOK Level	Min/Max
1	18-32%
2	50-64%
3	13-22%

ND A+ Math Grade 6 Blueprint

Category	Sub-category	Standards Assessed	Approximate Portion of Test (38 items)
Number and Operations (NO)	Number Systems (NS)	6.NO.NS.1 6.NO.NS.2	23-24%
	Operations (O)	6.NO.O.1 6.NO.O.2 6.NO.O.3 6.NO.O.4	
Algebraic Reasoning (AR)	Ratios and Proportional Relationships (RP)	6.AR.RP.1 6.AR.RP.2 6.AR.RP.3 6.AR.RP.4 6.AR.RP.5	39-40%
	Expressions and Equations (EE)	6.AR.EE.1 6.AR.EE.2 6.AR.EE.3 6.AR.EE.4 6.AR.EE.5 6.AR.EE.6	
Geometry and Measurement (GM)	Area and Volume (AV)	6.GM.AV.1 6.GM.AV.2	15-16%
	Geometric Figures (GF)	6.GM.GF.1 6.GM.GF.2 6.GM.GF.3	
Data, Probability, and Statistics (DPS)	Data Analysis (D)	6.DPS.D.1 6.DPS.D.2 6.DPS.D.3 6.DPS.D.4	21-22%
	Probability (P)	n/a	

At least 75% of all standards within a reporting category are assessed every year, and each standard is assessed within every 3 years.

Items for this grade are split with regards to calculator usage. Some will allow for it and others will not.

DOK Level	Min/Max
1	18-35%
2	52-64%
3	10-19%

ND A+ Math Grade 7 Blueprint

Category	Sub-category	Standards Assessed	Approximate Portion of Test (38 items)
Number and Operations (NO)	Number Systems (NS)	7.NO.NS.1 7.NO.NS.2	21-22%
	Operations (O)	7.NO.O.1 7.NO.O.2 7.NO.O.3	
Algebraic Reasoning (AR)	Ratios and Proportional Relationships (RP)	7.AR.RP.1 7.AR.RP.2 7.AR.RP.3 7.AR.RP.4	39-40%
	Expressions and Equations (EE)	7.AR.EE.1 7.AR.EE.2 7.AR.EE.3	
Geometry and Measurement (GM)	Area and Volume (AV)	7.GM.AV.1 7.GM.AV.2 7.GM.AV.3	18-19%
	Geometric Figures (GF)	7.GM.GF.1 7.GM.GF.2	
Data, Probability, and Statistics (DPS)	Data Analysis (D)	7.DPS.D.1 7.DPS.D.2	21-22%
	Probability (P)	7.DPS.P.1 7.DPS.P.2	

At least 75% of all standards within a reporting category are assessed every year, and each standard is assessed within every 3 years.

Items for this grade are split with regards to calculator usage. Some will allow for it and others will not.

DOK Level	Min/Max
1	18-35%
2	52-64%
3	10-19%

ND A+ Math Grade 8 Blueprint

Category	Sub-category	Standards Assessed	Approximate Portion of Test (38 items)
Number and Operations (NO)	Number Systems (NS)	8.NO.NS.1 8.NO.NS.2 8.NO.NS.3	18-19%
	Operations (O)	8.NO.O.1 8.NO.O.2	
Algebraic Reasoning (AR)	Expressions and Equations (EE)	8.AR.EE.1 8.AR.EE.2 8.AR.EE.3 8.AR.EE.4 8.AR.EE.5 8.AR.EE.6 8.AR.EE.7 8.AR.EE.8	39-40%
	Functions (F)	8.AR.F.1 8.AR.F.2 8.AR.F.3 8.AR.F.4 8.AR.F.5	
Geometry and Measurement (GM)	Area and Volume (AV)	8.GM.AV.1	23-24%
	Geometric Figures (GF)	8.GM.GF.1 8.GM.GF.2 8.GM.GF.3 8.GM.GF.4 8.GM.GF.5 8.GM.GF.6	
Data, Probability, and Statistics (DPS)	Data Analysis (D)	8.DPS.D.1 8.DPS.D.2 8.DPS.D.3 8.DPS.D.4	18-19%
	Probability (P)	n/a	

At least 75% of all standards within a reporting category are assessed every year, and each standard is assessed within every 3 years.

Items for this grade are split with regards to calculator usage. Some will allow for it and others will not.

DOK Level	Min/Max
1	18-35%
2	52-64%
3	10-19%

ND A+ Math Grade 10 Blueprint

Category	Sub-category	Standards Assessed	Approximate Portion of Test (43 items)
Number and Operations (NO)	n/a	9-10.NO.1 9-10.NO.2 9-10.NO.3 9-10.NO.4* 9-10.NO.5	13-14%
Algebraic Reasoning (AR)	n/a	9-10.AR.1 9-10.AR.2 9-10.AR.3* 9-10.AR.4* 9-10.AR.5 9-10.AR.6	34-35%
	Functions (F)	9-10.AR.F.1 9-10.AR.F.2* 9-10.AR.F.3* 9-10.AR.F.4* 9-10.AR.F.5* 9-10.AR.F.6*	
Geometry and Measurement (GM)	n/a	9-10.GM.1 9-10.GM.2 9-10.GM.3 9-10.GM.4 9-10.GM.5 9-10.GM.6 9-10.GM.7 9-10.GM.8 9-10.GM.9 9-10.GM.10 9-10.GM.11 9-10.GM.12 9-10.GM.14 9-10.GM.15 9-10.GM.16 9-10.GM.17	34-35%
Data, Probability, and Statistics (DPS)	n/a	9-10.DPS.1* 9-10.DPS.2* 9-10.DPS.3* 9-10.DPS.4* 9-10.DPS.5*	16-17%
		9-10.AR.7* 9-10.AR.8 9-10.AR.9 9-10.AR.10 9-10.AR.11 9-10.AR.F.7* 9-10.AR.F.8* 9-10.AR.F.9* 9-10.AR.F.10* 9-10.AR.F.11* 9-10.AR.F.12 9-10.GM.18 9-10.GM.20* 9-10.GM.22 9-10.GM.25 9-10.GM.26 9-10.GM.27 9-10.GM.28 9-10.GM.29 9-10.GM.30* 9-10.GM.31 9-10.GM.32 9-10.GM.33 9-10.GM.34 9-10.GM.35* 9-10.GM.36* 9-10.DPS.6* 9-10.DPS.7* 9-10.DPS.8* 9-10.DPS.9* 9-10.DPS.10*	

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At least 75% of all standards within a reporting category are assessed every year, and each standard is assessed within every 3 years.

All items for this grade will allow calculator usage.

DOK Level	Min/Max
1	16-35%
2	48-61%
3	11-21%