

North Dakota Math Grade 3 Blueprint

Reporting Category	Standards Assessed	Approximate Portion of Test
Operations and Algebraic Thinking	3.OA.1 3.OA.2 3.OA.3* 3.OA.4	31-38 %
	3.OA.5** 3.OA.6	
	3.OA.7	
	3.OA.8* 3.OA.9**	
Number and Operations in Base Ten	3.NBT.1 3.NBT.2 3.NBT.3**	19-24 %
Number and Operations – Fractions	3.NF.1 3.NF.2 3.NF.3**	19-24 %
Measurement, Data, Geometry	3.MD.1* 3.MD.2*	24-29 %
	3.MD.3* 3.MD.4	
	3.MD.5 3.MD.6 3.MD.7**	
	3.MD.8*	
	3.G.1** 3.G.2	

*Items aligned to this standard may include Modeling and Problem Solving.

**Items aligned to this standard may require the student to use Mathematical Reasoning.

At least 75% of all standards within a reporting category are assessed every year, and each standard is assessed within every 2 years.

DOK 1	17-26 %
DOK 2	52-64 %
DOK 3	14-26 %

North Dakota Math Grade 4 Blueprint

Reporting Category	Standards Assessed	Approximate Portion of Test
Operations and Algebraic Thinking	4.OA.1 4.OA.2* 4.OA.3*	24-31 %
	4.OA.4	
	4.OA.5	
Number and Operations in Base Ten	4.NBT.1 4.NBT.2 4.NBT.3	21-26 %
	4.NBT.4 4.NBT.5** 4.NBT.6**	
Number and Operations - Fractions	4.NF.1** 4.NF.2**	21-26 %
	4.NF.3* 4.NF.4*	
	4.NF.5 4.NF.6 4.NF.7**	
Measurement, Data, Geometry	4.MD.1 4.MD.2* 4.MD.3*	24-29 %
	4.MD.4*	
	4.MD.5 4.MD.6 4.MD.7**	
	4.G.1 4.G.2 4.G.3	

*Items aligned to this standard may include Modeling and Problem Solving.

**Items aligned to this standard may require the student to use Mathematical Reasoning.

At least 75% of all standards within a reporting category are assessed every year, and each standard is assessed within every 2 years.

DOK 1	17-26 %
DOK 2	52-64 %
DOK 3	14-26 %

North Dakota Math Grade 5 Blueprint

Reporting Category	Standards Assessed	Approximate Portion of Test
Operations and Algebraic Thinking	5.OA.1	24-31 %
	5.OA.2	
	5.OA.3**	
	5.OA.4	
Number and Operations in Base Ten	5.NBT.1	21-26 %
	5.NBT.2**	
	5.NBT.3	
	5.NBT.4	
	5.NBT.5	
	5.NBT.6**	
Number and Operations - Fractions	5.NF.1	21-26 %
	5.NF.2*	
	5.NF.3*	
	5.NF.4**	
	5.NF.5**	
	5.NF.6*	
	5.NF.7*	
Measurement, Data, and Geometry	5.MD.1	24-29 %
	5.MD.2*	
	5.MD.3	
	5.MD.4	
	5.MD.5*	
	5.G.1	
	5.G.2*	
	5.G.3**	
	5.G.4	

*Items aligned to this standard may include Modeling and Problem Solving.

**Items aligned to this standard may require the student to use Mathematical Reasoning.

At least 75% of all standards within a reporting category are assessed every year, and each standard is assessed within every 2 years.

DOK 1	17-26 %
DOK 2	52-64 %
DOK 3	14-26 %

North Dakota Math Grade 6 Blueprint

Reporting Category	Standards Assessed	Approximate Portion of Test
Ratios and Proportional Relationships and Number Systems	6.RP.1 6.RP.2 6.RP.3*	29-36 %
	6.NS.1*	
	6.NS.2 6.NS.3 6.NS.4	
	6.NS.5 6.NS.6** 6.NS.7** 6.NS.8*	
Expressions and Equations	6.EE.1 6.EE.2 6.EE.3** 6.EE.4	24-31 %
	6.EE.5** 6.EE.6* 6.EE.7* 6.EE.8*	
	6.EE.9*	
Geometry	6.G.1** 6.G.2** 6.G.3 6.G.4	19-21 %
Statistics and Probability	6.SP.1 6.SP.2 6.SP.3**	19-21 %
	6.SP.4 6.SP.5*	

*Items aligned to this standard may include Modeling and Problem Solving.

**Items aligned to this standard may require the student to use Mathematical Reasoning.

At least 75% of all standards within a reporting category are assessed every year, and each standard is assessed within every 2 years.

DOK 1	17-26 %
DOK 2	52-64 %
DOK 3	14-26 %

North Dakota Math Grade 7 Blueprint

Reporting Category	Standards Assessed	Approximate Portion of Test
Ratios and Proportional Relationships and Number Systems	7.RP.1	24-29 %
	7.RP.2**	
	7.RP.3*	
	7.NS.1**	
	7.NS.2**	
	7.NS.3*	
Expressions and Equations	7.EE.1	24-29 %
	7.EE.2	
	7.EE.3*	
	7.EE.4*	
Geometry	7.G.1*	24-29 %
	7.G.2**	
	7.G.3	
	7.G.4	
	7.G.5**	
	7.G.6*	
Statistics and Probability	7.SP.1	24-29 %
	7.SP.2**	
	7.SP.3	
	7.SP.4**	
	7.SP.5	
	7.SP.6*	
	7.SP.7*	
	7.SP.8*	

*Items aligned to this standard may include Modeling and Problem Solving.

**Items aligned to this standard may require the student to use Mathematical Reasoning.

At least 75% of all standards within a reporting category are assessed every year, and each standard is assessed within every 2 years.

DOK 1	17-26 %
DOK 2	52-64 %
DOK 3	14-26 %

North Dakota Math Grade 8 Blueprint

Reporting Category	Standards Assessed	Approximate Portion of Test
Expressions and Equations and Number Systems	8.NS.1	29-36 %
	8.NS.2**	
	8.EE.1	
	8.EE.2	
	8.EE.3	
	8.EE.4	
Functions	8.EE.5*	24-29 %
	8.EE.6**	
	8.EE.7**	
	8.EE.8*	
	8.F.1	
	8.F.2*	
Geometry	8.F.3	21-24 %
	8.F.4*	
	8.F.5*	
	8.G.1	
	8.G.2**	
	8.G.3	
	8.G.4**	
	8.G.5**	
	8.G.6**	
8.G.7		
8.G.8		
Statistics and Probability	8.G.9*	19-21 %
	8.SP.1	
	8.SP.2*	
	8.SP.3*	
	8.SP.4**	

*Items aligned to this standard may include Modeling and Problem Solving.

**Items aligned to this standard may require the student to use Mathematical Reasoning.

At least 75% of all standards within a reporting category are assessed every year, and each standard is assessed within every 2 years.

DOK 1	17-26 %
DOK 2	52-64 %
DOK 3	14-26 %

North Dakota Math Grade 10 Blueprint

Reporting Category	Standards Assessed	Approximate Portion of Test
Algebra	N.RN.4	26 %
	A.SSE.3	
	A.APR.1	
	A.CED.1*	
	A.CED.2*	
	A.CED.3*	
	A.CED.4	
A.REI.1** A.REI.10	29 %	
A.REI.3 A.REI.11**		
A.REI.4 A.REI.12		
A.REI.6		
F.IF.1 F.IF.5		
F.IF.2* F.IF.6		
F.IF.3 F.IF.7		
F.IF.4* F.IF.9**		
F.BF.1*	26 %	
F.BF.3**		
F.LE.1 F.LE.3		
F.LE.2* F.LE.5*	26 %	
G.CO.1 G.CO.7**		
G.CO.2 G.CO.8**		
G.CO.3 G.CO.9		
G.CO.4** G.CO.10		
G.CO.5 G.CO.11		
G.CO.6		
G.SRT.5*		
G.GPE.4**		
G.GPE.5		
G.GPE.7*		
G.GMD.2*	19 %	
G.GMD.3*		
S.ID.1 S.ID.5**		
S.ID.2 S.ID.6*		
S.ID.3* S.ID.7*		
S.CP.2		
S.CP.3		

*Items aligned to this standard may include Modeling and Problem Solving.

**Items aligned to this standard may require the student to use Mathematical Reasoning.

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

DOK 1	15-25 %
DOK 2	50-65 %
DOK 3	15-25 %