Kindergarten Standards

Standard Number	Tier 3 *Not Applicable*	Tier 2 **Kindergarten Readiness**	Tier 1 **1st Grade Readiness**
1		Recognize numerals to 5. **PK.NBT.1a**	Count up to 20 objects. **K.CC.5**
2		Make collections to 5. **PK.CC.5a**	Compare numbers to 10. **K.CC.7**
3		Compare collections to 5. **PK.CC.7**	Name numbers 11 to 19 using ten ones and some more ones. **K.NBT.1**
4		Count the total in a collection to 5. **PK.CC.5b**	Find numbers that add to make 10. **K.OA.4**
5		Write numbers to 9. **PK.CC.3**	Add numbers to 5. **K.OA.5a**
6			Subtract numbers within 5. **K.OA.5b**
Who When?	*For few students.* ***After** they do not respond to tier 2 intervention.*	*For all students.* *In the **fall**, to identify unfinished learning.* *In the **winter**, to celebrate completed learning.*	*For all students.* *In the late **winter**, to identify unfinished learning.* *In the late **spring**, to celebrate completed learning.*

1st Grade Standards

Standard Number	Tier 3 **Kindergarten Readiness**	Tier 2 **1st Grade Readiness**	Tier 1 **2nd Grade Readiness**
1	Recognize numerals to 5. **PK.NBT.1a**	Count up to 20 objects. **K.CC.5**	Name numbers to 120. **1.NBT.1**
2	Make collections to 5. **PK.CC.5a**	Compare numbers to 10. **K.CC.7**	Find 10 more or 10 less than any number to 99. **1.NBT.5**
3	Compare collections to 5. **PK.CC.7**	Name numbers 11 to 19 using ten ones and some more ones. **K.NBT.1**	Compare numbers to 99. **1.NBT.3**
4	Count the total in a collection to 5. **PK.CC.5b**	Find numbers that add to make 10. **K.OA.4**	Add numbers to 10. **1.OA.6a**
5	Write numbers to 9. **PK.CC.3**	Add numbers to 5. **K.OA.5a**	Subtract numbers within 10. **1.OA.6c**
6		Subtract numbers within 5. **K.OA.5b**	
Who? *When?*	*For few students.* ***After** they do not respond to tier 2 intervention.*	*For all students.* *F**all screening**, to identify unfinished learning.* *In the **winter**, to celebrate completed learning.*	*For all students.* *In the late **winter**, to identify unfinished learning.* *In the late **spring**, to celebrate completed learning.*

2nd Grade Standards

Standard Number	Tier 3 2nd Grade Tier 3	Tier 2 2nd Grade Readiness	Tier 1 3rd Grade Readiness
1	Count up to 20 objects. **K.CC.5**	Name numbers to 120. **1.NBT.1**	Identify numbers to 1,000. **2.NBT.3**
2	Compare numbers to 10. **K.CC.7**	Find 10 more or 10 less than any number to 99. **1.NBT.5**	Mentally add and subtract 10 or 100 to a number between 100 and 900. **2.NBT.8**
3	Name numbers 11 to 19 using ten ones and some more ones. **K.NBT.1**	Compare numbers to 99. **1.NBT.3**	Compare numbers to 1,000. **2.NBT.4**
4	Find numbers that add to make 10. **K.OA.4**	Add numbers to 10. **1.OA.6a**	Add numbers to 20. **2.OA.2a**
5	Add numbers to 5. **K.OA.5a**	Subtract numbers within 10. **1.OA.6c**	Subtract numbers within 20. **2.OA.2b**
6	Subtract numbers within 5. **K.OA.5b**		Add 2-digit numbers. **2.NBT.5a**
7			Subtract 2-digit numbers. **2.NBT.5b**
Who When?	*For few students.* ***After** they do not respond to tier 2 intervention.*	*For all students.* *In the **fall**, to identify unfinished learning.* *In the **winter**, to celebrate completed learning.*	*For all students.* *In the late **winter**, to identify unfinished learning.* *In the late **spring**, to celebrate completed learning.*

3rd Grade Standards

Standard Number	Tier 3 **3rd Grade Tier 3**	Tier 2 **3rd Grade Readiness**	Tier 1 **4th Grade Readiness**
1	Count up to 20 objects. **K.CC.5**	Identify numbers to 1,000. **2.NBT.3**	Add three-digit numbers. **3.NBT.2a**
2	Compare numbers to 10. **K.CC.7**	Mentally add and subtract 10 or 100 to a number between 100 and 900. **2.NBT.8**	Subtract three-digit numbers. **3.NBT.2b**
3	Name numbers 11 to 19 using ten ones and some more ones. **K.NBT.1**	Compare numbers to 1,000. **2.NBT.4**	Multiply numbers from 0 to 10. **3.OA.7a**
4	Name numbers to 120. **1.NBT.1**	Add numbers to 20. **2.OA.2a**	Divide numbers by 1 to 10. **3.OA.7b**
5	Compare numbers to 99. **1.NBT.3**	Subtract numbers within 20. **2.OA.2b**	Identify fractions and their parts. **3.NF.1**
6	Find 10 more or 10 less than any number to 99. **1.NBT.5**	Add 2-digit numbers. **2.NBT.5a**	Name fractions on a number line. **3.NF.2**
7	Find numbers that add to make 10. **K.OA.4**	Subtract 2-digit numbers. **2.NBT.5b**	Compare fractions with the same numerator or same denominator. **3.NF.3d**
8	Add numbers to 5. **K.OA.5a**		
9	Add numbers to 10. **1.OA.6a**		
10	Subtract numbers within 5. **K.OA.5b**		
11	Subtract numbers within 10. **1.OA.6c**		
Who When?	*For few students.* ***After** they do not respond to tier 2 intervention.*	*For all students.* *In the **fall**, to identify unfinished learning.* *In the **winter**, to celebrate completed learning.*	*For all students.* *In the late **winter**, to identify unfinished learning.* *In the late **spring**, to celebrate completed learning.*

4ᵗʰ Grade Standards

Standard Number	Tier 3 4ᵗʰ Grade Tier 3	Tier 2 4ᵗʰ Grade Readiness	Tier 1 5ᵗʰ Grade Readiness
1	Name numbers to 120. **1.NBT.1**	Add three-digit numbers. **3.NBT.2a**	Multiply up to a four-digit by a one-digit number and two two-digit numbers. **4.NBT.5**
2	Find 10 more or 10 less than any number to 99. **1.NBT.5**	Subtract three-digit numbers. **3.NBT.2b**	Divide up to a four-digit number by a one-digit number. **4.NBT.6**
3	Compare numbers to 99. **1.NBT.3**	Multiply numbers from 0 to 10. **3.OA.7a**	Compare two fractions with different numerators and different denominators. **4.NF.2**
4	Identify numbers to 1,000. **2.NBT.3**	Divide numbers by 1 to 10. **3.OA.7b**	Convert between improper fractions and mixed numbers. **4.NF.3b**
5	Mentally add and subtract 10 or 100 to a number between 100 and 900. **2.NBT.8**	Identify fractions and their parts. **3.NF.1**	Add and subtract mixed numbers with like denominators. **4.NF.3c**
6	Compare numbers to 1,000. **2.NBT.4**	Name fractions on a number line. **3.NF.2**	Multiply a whole number by a fraction. **4.NF.4b**
7	Add 2-digit numbers. **2.NBT.5a**	Compare fractions with the same numerator or same denominator. **3.NF.3d**	
8	Subtract 2-digit numbers. **2.NBT.5b**		
9	Add numbers to 10. **1.OA.6a**		
10	Add numbers to 20. **2.OA.2a**		
11	Subtract numbers within 10. **1.OA.6c**		
12	Subtract numbers within 20. **2.OA.2b**		
Who When?	*For few students.* ***After** they do not respond to tier 2 intervention.*	*For all students.* *In the **fall**, to identify unfinished learning.* *In the **winter**, to celebrate completed learning.*	*For all students.* *In the late **winter**, to identify unfinished learning.* *In the late **spring**, to celebrate completed learning.*

5ᵗʰ Grade Standards

Standard Number	Tier 3 5ᵗʰ Grade Tier 3	Tier 2 5ᵗʰ Grade Readiness	Tier 1 6ᵗʰ Grade Readiness
1	Identify numbers to 1,000. **2.NBT.3**	Multiply up to a four-digit by a one-digit number and two two-digit numbers. **4.NBT.5**	Evaluate number expressions using parentheses. **5.OA.1**
2	Mentally add and subtract 10 or 100 to a number between 100 and 900. **2.NBT.8**	Divide up to a four-digit number by a one-digit number. **4.NBT.6**	Multiply multi-digit numbers. **5.NBT.5**
3	Compare numbers to 1,000. **2.NBT.4**	Compare two fractions with different numerators and different denominators. **4.NF.2**	Divide four-digit numbers. **5.NBT.6**
4	Add 2-digit numbers. **2.NBT.5a**	Convert between improper fractions and mixed numbers. **4.NF.3b**	Add and subtract mixed numbers with different denominators. **5.NF.1**
5	Add three-digit numbers. **3.NBT.2a**	Add and subtract mixed numbers with like denominators. **4.NF.3c**	Multiply fractions. **5.NF.4b**
6	Subtract 2-digit numbers. **2.NBT.5b**	Multiply a whole number by a fraction. **4.NF.4b**	Divide a unit fraction by a whole number. **5.NF.7a**
7	Subtract three-digit numbers. **3.NBT.2b**		Divide a whole number by a unit fraction. **5.NF.7b**
8	Identify fractions and their parts. **3.NF.1**		
9	Identify fractions on a number line. **3.NF.2**		
10	Compare fractions with the same numerator or same denominator. **3.NF.3d**		
11	Add numbers to 20. **2.OA.2a**		
12	Subtract numbers within 20. **2.OA.2b**		
13	Multiply numbers from 0 to 10. **3.OA.7a**		
14	Divide numbers by 1 to 10. **3.OA.7b**		
Who When?	*For few students.* ***After** they do not respond to tier 2 intervention.*	*For all students.* *In the **fall**, to identify unfinished learning.* *In the **winter**, to celebrate completed learning.*	*For all students.* *In the late **winter**, to identify unfinished learning.* *In the late **spring**, to celebrate completed learning.*

6th Grade Standards

Standard Number	Tier 3 6th Grade Tier 3	Tier 2 6th Grade Readiness	Tier 1 7th Grade Readiness
1	Add three-digit numbers. **3.NBT.2a**	Evaluate number expressions using parentheses. **5.OA.1**	Multiply and divide fractions. **6.NS.1**
2	Subtract three-digit numbers. **3.NBT.2b**	Multiply multi-digit numbers. **5.NBT.5**	Find ordered pairs on a coordinate plane. **6.NS.6c**
3	Multiply up to a four-digit by a one-digit number and two two-digit numbers. **4.NBT.5**	Divide four-digit numbers. **5.NBT.6**	Translate algebraic expressions between words and symbols. **6.EE.2a**
4	Divide up to a four-digit number by a one-digit number. **4.NBT.6**	Add and subtract mixed numbers with different denominators. **5.NF.1**	Evaluate algebraic expressions. *Note: Use whole number exponents and no parentheses.* **6.EE.2c**
5	Identify fractions and their parts. **3.NF.1**	Multiply fractions. **5.NF.4b**	Simplify algebraic expressions. **6.EE.4**
6	Identify fractions on a number line. **3.NF.2**	Divide a unit fraction by a whole number. **5.NF.7a**	Solve 1-step equations. **6.EE.7**
7	Compare fractions with the same numerator or same denominator. **3.NF.3d**	Divide a whole number by a unit fraction. **5.NF.7b**	
8	Compare two fractions with different numerators and different denominators. **4.NF.2**		
9	Convert between improper fractions and mixed numbers. **4.NF.3b**		
10	Add and subtract mixed numbers with like denominators. **4.NF.3c**		
11	Multiply a whole number by a fraction. **4.NF.4b**		
12	Multiply numbers from 0 to 10. **3.OA.7a**		
13	Divide numbers by 1 to 10. **3.OA.7b**		
Who When?	*For few students.* ***After** they do not respond to tier 2 intervention.*	*For all students.* *In the **fall**, to identify unfinished learning.* *In the **winter**, to celebrate completed learning.*	*For all students.* *In the late **winter**, to identify unfinished learning.* *In the late **spring**, to celebrate completed learning.*

7th Grade Standards

Standard Number	Tier 3 **7th Grade Tier 3**	Tier 2 **7th Grade Readiness**	Tier 1 **8th Grade Readiness**
1	Multiply up to a four-digit by a one-digit number and two two-digit numbers. **4.NBT.5**	Multiply and divide fractions. **6.NS.1**	Add and subtract integers between -10 and 10. **7.NS.1d**
2	Multiply multi-digit numbers. **5.NBT.5**	Find ordered pairs on a coordinate plane. **6.NS.6c**	Multiply and divide by integers between -10 and 10. **7.NS.2c**
3	Divide up to a four-digit number by a one-digit number. **4.NBT.6**	Translate algebraic expressions between words and symbols. **6.EE.2a**	Add and subtract linear expressions. **7.EE.1a**
4	Divide four-digit numbers. **5.NBT.6**	Evaluate algebraic expressions. *Note: Use whole number exponents and no parentheses.* **6.EE.2c**	Expand linear expressions. **7.EE.1b**
5	Evaluate number expressions using parentheses. **5.OA.1**	Simplify algebraic expressions. **6.EE.4**	Factor linear expressions. **7.EE.1c**
6	Compare two fractions with different numerators and different denominators. **4.NF.2**	Solve 1-step equations. **6.EE.7**	Solve equations with more than one step. **7.EE.4a**
7	Convert between improper fractions and mixed numbers. **4.NF.3b**		
8	Add and subtract mixed numbers with like denominators. **4.NF.3c**		
9	Multiply a whole number by a fraction. **4.NF.4b**		
10	Add and subtract mixed numbers with different denominators. **5.NF.1**		
11	Multiply fractions. **5.NF.4b**		
12	Divide a unit fraction by a whole number. **5.NF.7a**		
13	Divide a whole number by a unit fraction. **5.NF.7b**		
Who When?	*For few students.* **After** *they do not respond to tier 2 intervention.*	*For all students.* *In the **fall**, to identify unfinished learning.* *In the **winter**, to celebrate completed learning.*	*For all students.* *In the late **winter**, to identify unfinished learning.* *In the late **spring**, to celebrate completed learning.*

8ᵗʰ Grade Standards

Standard Number	Tier 3 **8ᵗʰ Grade Tier 3**	Tier 2 **8ᵗʰ Grade Readiness**	Tier 1 **Algebra 1 Readiness**
1	Evaluate number expressions using parentheses. **5.OA.1**	Add and subtract integers between -10 and 10. **7.NS.1d**	Solve multi-step linear equations. *Note: Include equations whose solutions require expanding expressions using the distributive property and collecting like terms* **8.EE.7b**
2	Multiply multi-digit numbers. **5.NBT.5**	Multiply and divide by integers between -10 and 10. **7.NS.2c**	Find the number of solutions to linear equations in one variable. **8.EE.7a**
3	Divide four-digit numbers. **5.NBT.6**	Add and subtract linear expressions. **7.EE.1a**	Find the equation of a line. **8.F.4**
4	Add and subtract mixed numbers with different denominators. **5.NF.1**	Expand linear expressions. **7.EE.1b**	Find equivalent numerical expressions using properties of integer exponents. **8.EE.1**
5	Multiply fractions. **5.NF.4b**	Factor linear expressions. **7.EE.1c**	Solve non-linear equations using square roots and cube roots. **8.EE.2**
6	Divide a unit fraction by a whole number. **5.NF.7a**	Solve equations with more than one step. **7.EE.4a**	
7	Divide a whole number by a unit fraction. **5.NF.7b**		
8	Multiply and divide fractions. **6.NS.1**		
9	Find ordered pairs on a coordinate plane. **6.NS.6c**		
10	Translate algebraic expressions between words and symbols. **6.EE.2a**		
11	Evaluate algebraic expressions. *Note: Use whole number exponents and no parentheses.* **6.EE.2c**		
12	Simplify algebraic expressions. **6.EE.4**		
13	Solve 1-step equations. **6.EE.7**		
Who When?	*For few students.* ***After*** *they do not respond to tier 2 intervention.*	*For all students.* *In the **fall**, to identify unfinished learning.* *In the **winter**, to celebrate completed learning.*	*For all students.* *In the late **winter**, to identify unfinished learning.* *In the late **spring**, to celebrate completed learning.*

High School Algebra Standards

Standard Number	Tier 3 **Algebra Concepts**	Tier 2 **Algebra 1 Readiness**	Tier 1 **Algebra 2 Readiness**
1	Add and subtract integers between -10 and 10. **7.NS.1d**	Solve multi-step linear equations. *Note: Include equations whose solutions require expanding expressions using the distributive property and collecting like terms* **8.EE.7b**	Solve systems of linear equations algebraically. **A.REI.6**
2	Multiply and divide by integers between -10 and 10. **7.NS.2c**	Find the number of solutions to linear equations in one variable. **8.EE.7a**	Factor quadratic expressions to reveal the zero's of a function. **A.SSE.3a**
3	Find ordered pairs on a coordinate plane. **6.NS.6c**	Find the equation of a line. **8.F.4**	Evaluate linear and non-linear functions. **F.IF.2**
4	Translate algebraic expressions between words and symbols. **6.EE.2a**	Find equivalent numerical expressions using properties of integer exponents. **8.EE.1**	Determine if a function is linear or non-linear. **F.LE.1**
5	Evaluate algebraic expressions. *Note: Use whole number exponents and no parentheses.* **6.EE.2c**	Solve non-linear equations using square roots and cube roots. **8.EE.2**	Graph linear and non-linear functions. **A.CED.2**
6	Simplify algebraic expressions. **6.EE.4**		
7	Solve 1-step equations. **6.EE.7**		
8	Add and subtract linear expressions. **7.EE.1a**		
9	Expand linear expressions. **7.EE.1b**		
10	Factor linear expressions. **7.EE.1c**		
11	Solve equations with more than one step. **7.EE.4a**		
Who *When?*	*For few students.* ***After** they do not respond to tier 2 intervention.*	*For all students.* *In the **fall**, to identify unfinished learning.* *In the **winter**, to celebrate completed learning.*	*For all students.* *In the late **winter**, to identify unfinished learning.* *In the late **spring**, to celebrate completed learning.*

Geometry Standards

Standard Number	Tier 2 **6th Grade Geometry Readiness**	Tier 2 **7th Grade Geometry Readiness**	Tier 2 **8th Grade Geometry Readiness**	Tier 2 **High School Geometry Readiness**
1	Find perimeter or unknown side lengths for polygons. **3.MD.8**	Find the area of triangles. **6.G.1a**	Solve problems involving scale drawings of geometric figures. **7.G.1**	Identify congruent parts in figures that have been rotated, reflected, and translated. **8.G.1**
2	Find area, perimeter, or unknown side lengths for rectangles. **4.MD.3**	Find the area of special quadrilaterals and polygons composed of rectangles and triangles. **6.G.1b**	Identify triangles that are, or are not possible given specific angle measures and side lengths. **7.G.3**	Identify congruent figures that have been rotated, reflected, and translated. **8.G.2**
3	Identify geometric objects such as points, lines, and angles. **4.G.1a**	Find the volume of right rectangular prisms. **6.G.2**	Find the area and circumference of circles. **7.G.4**	Identify similar figures that have been dilated, rotated, reflected, and translated. **8.G.4**
4	Identify types of lines and angles in 2-dimensional figures. **4.G.1b**	Use coordinates to find lengths of horizontal and vertical sides. **6.G.3**	Find the surface area of right prisms. **7.G.6a**	Find unknown side lengths of right triangles. **8.G.7**
5	Identify 2-dimensional figures based on properties. **5.G.3**	Identify nets of right rectangular prisms and right triangular prisms. **6.G.4**	Find the volume of right prisms. **7.G.6b**	Find the volume of cones, cylinders, and spheres. **8.G.9**
Who When?	*For all students learning geometry.* *In the **fall**, to identify unfinished learning.* *In the **winter**, to celebrate completed learning.*	*For all students learning geometry.* *In the **fall**, to identify unfinished learning.* *In the **winter**, to celebrate completed learning.*	*For all students learning geometry.* *In the **fall**, to identify unfinished learning.* *In the **winter**, to celebrate completed learning.*	*For all students learning geometry.* *In the **fall**, to identify unfinished learning.* *In the **winter**, to celebrate completed learning.*

Optional Tier 3 Screeners

Appropriate for 8ᵗʰ Grade, Algebra 1, Geometry and Algebra 2

Standard #	Fraction Concepts (Linear expressions and equations)	Algebra Concepts (Linear expressions and equations)
1	Identify fractions and their parts. **3.NF.1**	Add and subtract integers between -10 and 10. **7.NS.1d**
2	Identify fractions on a number line. **3.NF.2**	Multiply and divide by integers between -10 and 10. **7.NS.2c**
3	Compare fractions with the same numerator or same denominator. **3.NF.3d**	Find ordered pairs on a coordinate plane. **6.NS.6c**
4	Compare two fractions with different numerators and different denominators. **4.NF.2**	Translate algebraic expressions between words and symbols. **6.EE.2a**
5	Convert between improper fractions and mixed numbers. **4.NF.3b**	Evaluate algebraic expressions. *Note: Use whole number exponents and no parentheses.* **6.EE.2c**
6	Add and subtract mixed numbers with like denominators. **4.NF.3c**	Simplify algebraic expressions. **6.EE.4**
7	Multiply a whole number by a fraction. **4.NF.4b**	Solve 1-step equations. **6.EE.7**
8	Add and subtract mixed numbers with different denominators. **5.NF.1**	Add and subtract linear expressions. **7.EE.1a**
9	Multiply fractions. **5.NF.4b**	Expand linear expressions. **7.EE.1b**
10	Divide a unit fraction by a whole number. **5.NF.7a**	Factor linear expressions. **7.EE.1c**
11	Divide a whole number by a unit fraction. **5.NF.7b**	Solve equations with more than one step. **7.EE.4a**
12	Multiply and divide fractions. **6.NS.1**	

Note: *Fall, winter and spring screeners measure the same standards with the same levels of difficulty.*