

MAP SKILLS FRAMEWORK – COMMON CORE

for the MAP Skills™ assessment

The MAP® Skills™ assessments are organized by the framework described in this document. Refer to this framework as needed when assigning tests.

There are these subjects in the framework:

- [Mathematics on page 3](#)
- [Language Usage on page 39](#)
- [Vocabulary on page 49](#)
- [Reading on page 52](#)

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Mathematics

Use this reference to understand and choose between the following mathematics strands.

- [Computation Base Ten on page 12](#) (grades K to 8)
- [Computation Fractions and Rational Numbers on page 15](#) (grades 1 to 8)
- [Data and Statistics on page 17](#) (grades K to 8)
- [Equivalence and Properties on page 18](#) (grades 1 to 8)
- [Graphs and Functions on page 20](#) (grades 2 to 8)
- [Length, Area, Volume, and Coordinate Geometry on page 22](#) (grades K to 8)
- [Number Sense Base Ten on page 24](#) (grades K to 8)
- [Number Sense Fractions, Rational and Irrational on page 26](#) (grades 1 to 8)
- [Probability on page 27](#) (grades 6 to 7)
- [Problem Solving, Fractions and Ratios on page 28](#) (grades 1 to 8)
- [Shapes, Attributes, Congruence, and Similarity on page 31](#) (grades K to 8)
- [Solving Problems, Equations, and Inequalities on page 33](#) (grades K to 8)
- [Working with Units Including Degrees on page 36](#) (grades K to 8)

Common Core Look-up...

Use the following lists to match each Common Core standard to the strand in MAP Skills.

Kindergarten:

- K.CC.B.5, K.CC.C.6, K.CC.C.7 = [Number Sense Base Ten on page 24](#)
- K.G.A.1 to K.G.A.3 and K.G.B.4 and K.G.B.6 = [Shapes, Attributes, Congruence, and Similarity on page 31](#)
- K.MD.A.1 =
 - [Length, Area, Volume, and Coordinate Geometry on page 22](#)
 - [Working with Units Including Degrees on page 36](#)
- K.MD.A.2 =
 - [Length, Area, Volume, and Coordinate Geometry on page 22](#)
 - [Working with Units Including Degrees on page 36](#)
- K.MD.B.3 = [Data and Statistics on page 17](#)
- K.NBT.A.1 = [Number Sense Base Ten on page 24](#)
- K.OA.A.1 = [Solving Problems, Equations, and Inequalities on page 33](#)

- K.OA.A.2 = [Computation Base Ten on page 12](#)
- K.OA.A.4 = [Solving Problems, Equations, and Inequalities on page 33](#)
- K.OA.A.5 = [Computation Base Ten on page 12](#)

First:

- 1.G.A.1 to 1.G.A.2 = [Shapes, Attributes, Congruence, and Similarity on page 31](#)
- 1.G.A.3 =
 - [Computation Fractions and Rational Numbers on page 15](#)
 - [Length, Area, Volume, and Coordinate Geometry on page 22](#)
 - [Number Sense Fractions, Rational and Irrational on page 26](#)
 - [Problem Solving, Fractions and Ratios on page 28](#)
 - [Shapes, Attributes, Congruence, and Similarity on page 31](#)
- 1.MD.A.1 to 1.MD.A.2 =
 - [Length, Area, Volume, and Coordinate Geometry on page 22](#)
 - [Working with Units Including Degrees on page 37](#)
- 1.MD.B.3 = [Working with Units Including Degrees on page 37](#)
- 1.MD.C.4 = [Data and Statistics on page 17](#)
- 1.NBT.A.1, 1.NBT.B.2, 1.NBT.B.2c, and 1.NBT.B.3 = [Number Sense Base Ten on page 24](#)
- 1.NBT.C.4 and 1.NBT.C.6 = [Computation Base Ten on page 12](#)
- 1.OA.A.1 =
 - [Problem Solving, Fractions and Ratios on page 28](#)
 - [Solving Problems, Equations, and Inequalities on page 33](#)
- 1.OA.A.2 = [Solving Problems, Equations, and Inequalities on page 33](#)
- 1.OA.B.3 and 1.OA.D.7 = [Equivalence and Properties on page 18](#)
- 1.OA.D.8 = [Solving Problems, Equations, and Inequalities on page 33](#)

Second:

- 2.G.A.1 = [Shapes, Attributes, Congruence, and Similarity on page 31](#)
- 2.G.A.3 =
 - [Computation Fractions and Rational Numbers on page 15](#)
 - [Length, Area, Volume, and Coordinate Geometry on page 22](#)
 - [Number Sense Fractions, Rational and Irrational on page 26](#)
 - [Problem Solving, Fractions and Ratios on page 28](#)
 - [Shapes, Attributes, Congruence, and Similarity on page 31](#)
- 2.MD.A.1 and 2.MD.A.3 =
 - [Length, Area, Volume, and Coordinate Geometry on page 22](#)

- [Working with Units Including Degrees on page 37](#)
- 2.MD.A.4 and 2.MD.B.5 = [Working with Units Including Degrees on page 37](#)
- 2.MD.B.6 =
 - [Graphs and Functions on page 20](#)
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 - [Working with Units Including Degrees on page 37](#)
- 2.MD.C.7 to 2.MD.C.8 = [Working with Units Including Degrees on page 37](#)
- 2.MD.D.9 to 2.MD.D.10 = [Data and Statistics on page 17](#)
- 2.NBT.A.1, 2.NBT.A.3, and 2.NBT.A.4 = [Number Sense Base Ten on page 24](#)
- 2.NBT.B.5 to 2.NBT.B.6 = [Computation Base Ten on page 12](#)
- 2.OA.A.1 =
 - [Problem Solving, Fractions and Ratios on page 28](#)
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- 2.OA.C.3 = [Equivalence and Properties on page 18](#)
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- 3.G.A.2 =
 - [Length, Area, Volume, and Coordinate Geometry on page 22](#)
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- 3.MD.A.1 to 3.MD.A.2 = [Working with Units Including Degrees on page 37](#)
- 3.MD.B.3 to 3.MD.B.4 = [Data and Statistics on page 17](#)
- 3.MD.C.6 to 3.MD.D.8 = [Length, Area, Volume, and Coordinate Geometry on page 22](#)
- 3.NBT.A.1 = [Number Sense Base Ten on page 24](#)
- 3.NBT.A.2 to 3.NBT.A.3 = [Computation Base Ten on page 13](#)
- 3.NF.A.2 =
 - [Graphs and Functions on page 20](#)
 - [Number Sense Fractions, Rational and Irrational on page 26](#)
- 3.NF.A.3a =
 - [Computation Fractions and Rational Numbers on page 15](#)

- [Number Sense Fractions, Rational and Irrational on page 26](#)
- 3.NF.A.3d = [Number Sense Fractions, Rational and Irrational on page 26](#)
- 3.OA.A.1 and 3.OA.A.2 = [Solving Problems, Equations, and Inequalities on page 34](#)
- 3.OA.A.3 =
 - [Problem Solving, Fractions and Ratios on page 29](#)
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- 3.OA.A.4 = [Solving Problems, Equations, and Inequalities on page 34](#)
- 3.OA.B.5 = [Equivalence and Properties on page 19](#)
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- 4.MD.A.3 = [Length, Area, Volume, and Coordinate Geometry on page 22](#)
- 4.MD.B.4 = [Data and Statistics on page 17](#)
- 4.MD.C.6 and 4.MD.C.7 = [Working with Units Including Degrees on page 37](#)
- 4.NBT.A.1 = [Number Sense Base Ten on page 24](#)
- 4.NBT.A.2 =
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- 4.NBT.A.3 = [Number Sense Base Ten on page 24](#)
- 4.NBT.B.4 to 4.NBT.B.6 = [Computation Base Ten on page 13](#)
- 4.NF.A.1 =
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- 4.NF.A.2 = [Number Sense Fractions, Rational and Irrational on page 26](#)
- 4.NF.B.3 = [Computation Fractions and Rational Numbers on page 15](#)
- 4.NF.B.3b = [Number Sense Fractions, Rational and Irrational on page 26](#)
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- 4.NF.B.4 = [Computation Fractions and Rational Numbers on page 15](#)
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- 4.NF.C.7 = [Number Sense Base Ten on page 24](#)
- 4.OA.A.2 =
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- 4.OA.A.3 =
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- 4.OA.B.4 =
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- 4.OA.C.5 = [Graphs and Functions on page 20](#)

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- 5.G.B.3 and 5.G.B.4 = [Shapes, Attributes, Congruence, and Similarity on page 32](#)
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- 5.NBT.A.1 and 5.NBT.A.2 = [Number Sense Base Ten on page 25](#)
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- 5.NBT.A.4 = [Number Sense Base Ten on page 25](#)
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- 5.NF.B.3 =
 - [Number Sense Fractions, Rational and Irrational on page 27](#)
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- 5.NF.B.4 =
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- 6.EE.A.1 =
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- 6.EE.A.2, 6.EE.A.2b, and 6.EE.A.4 = [Equivalence and Properties](#) **on page 19**
- 6.EE.B.5, 6.EE.B.7, 6.EE.B.8 = [Solving Problems, Equations, and Inequalities](#) **on page 35**
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 - [Graphs and Functions](#) **on page 20**
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- 6.G.A.1 to 6.G.A.2 = [Length, Area, Volume, and Coordinate Geometry](#) **on page 23**
- 6.G.A.3 =
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- 6.G.A.4 =
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 - [Shapes, Attributes, Congruence, and Similarity](#) **on page 32**
- 6.NS.A.1 =
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- 6.NS.B.2 to 6.NS.B.3 = [Computation Base Ten](#) **on page 13**
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- 6.NS.C.7 =
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- 6.RP.A.1 to 6.RP.A.2 =
 - [Probability](#) **on page 28**
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- 6.RP.A.3 =
 - [Computation Base Ten on page 13](#)
 - [Computation Fractions and Rational Numbers on page 16](#)
 - [Probability on page 28](#)
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- 6.RP.A.3c = [Computation Base Ten on page 13](#)
- 6.SP.A.1 to 6.SP.A.3 = [Data and Statistics on page 17](#)
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- 7.EE.A.1 = [Equivalence and Properties on page 19](#)
- 7.EE.B.3 = [Solving Problems, Equations, and Inequalities on page 35](#)
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- 7.EE.B.4a and 7.EE.B.4b = [Solving Problems, Equations, and Inequalities on page 35](#)
- 7.G.A.1 =
 - [Length, Area, Volume, and Coordinate Geometry on page 23](#)
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- 7.G.A.2 to 7.G.A.3 = [Shapes, Attributes, Congruence, and Similarity on page 32](#)
- 7.G.B.4 = [Length, Area, Volume, and Coordinate Geometry on page 23](#)
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- 7.NS.A.1 =
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- 7.NS.A.3 =
 - [Problem Solving, Fractions and Ratios](#) **on page 30**
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- 7.RP.A.2 =
 - [Graphs and Functions](#) **on page 21**
 - [Length, Area, Volume, and Coordinate Geometry](#) **on page 23**
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- 7.RP.A.3 =
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- 7.SP.A.1 to 7.SP.A.2 = [Data and Statistics](#) **on page 18**
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- 8.EE.A.1 =
 - [Computation Base Ten](#) **on page 14**
 - [Computation Fractions and Rational Numbers](#) **on page 16**
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- 8.EE.A.2 =
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- 8.EE.A.3 = [Equivalence and Properties](#) **on page 20**
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- 8.EE.B.5 =
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- 8.EE.B.6 = [Graphs and Functions on page 21](#)
- 8.EE.C.7 to 8.EE.C.8 = [Solving Problems, Equations, and Inequalities on page 36](#)
- 8.F.A.1 to 8.F.A.3 = [Graphs and Functions on page 21](#)
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- 8.F.B.5 = [Graphs and Functions on page 21](#)
- 8.G.A.2 to 8.G.A.4 = [Shapes, Attributes, Congruence, and Similarity on page 32](#)
- 8.G.B.7 = [Length, Area, Volume, and Coordinate Geometry on page 23](#)
- 8.G.B.8 =
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- 8.G.C.9 = [Length, Area, Volume, and Coordinate Geometry on page 23](#)
- 8.NS.A.1 and 8.NS.A.2 =
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- 8.SP.A.1 to 8.SP.A.4 = [Data and Statistics on page 18](#)

Computation Base Ten

Computation Base Ten			
	Kindergarten	Skill ID	Standard
1	Add within 10 using objects or drawings.	MA.K.7.1	K.OA.A.2
2	Add within 5. (no objects or drawings).	MA.K.7.2	K.OA.A.5
3	Subtract within 10 using objects or drawings.	MA.K.7.3	K.OA.A.2
4	Add two 1 digit numbers, sum > 10.	MA.K.7.4	N/A
	First Grade	Skill ID	Standard
1	Add a 2-digit number and a 1-digit number, sum within 100, no regrouping.	MA.1.7.1	1.NBT.C.4
2	Add a 2-digit number and a multiple of ten, within 100, no regrouping.	MA.1.7.2	1.NBT.C.4
3	Add two 2-digit numbers, sum within 100, no regrouping.	MA.1.7.3	N/A
4	Subtract multiple of ten from multiple of ten, up to 90.	MA.1.7.4	1.NBT.C.6
5	Subtract a 1-digit number from a 2-digit number, no regrouping.	MA.1.7.5	N/A
6	Subtract multiple of ten from a 2-digit number, within 100, no regrouping.	MA.1.7.6	N/A
7	Subtract within 100, no regrouping.	MA.1.7.7	N/A
	Second Grade	Skill ID	Standard

Computation Base Ten

1	Add within 100.	MA.2.7.1	2.NBT.B.5
2	Subtract within 100.	MA.2.7.2	2.NBT.B.5
3	Add up to four 2-digit numbers, with regrouping.	MA.2.7.3	2.NBT.B.6
4	Match objects in rectangular arrays to an expression showing repeated addition of equal addends.	MA.2.7.4	2.OA.C.4
5	Multiply 1-digit by 1-digit.	MA.2.7.5	N/A
Third Grade		Skill ID	Standard
1	Subtract within 1000.	MA.3.7.1	3.NBT.A.2
2	Multiply within 100.	MA.3.7.2	3.OA.C.7
3	Multiply 1-digit by multiple of 10 (10-90).	MA.3.7.3	3.NBT.A.3
4	Divide within 100.	MA.3.7.4	3.OA.C.7
Fourth Grade		Skill ID	Standard
1	Add multi-digit whole numbers > 1000.	MA.4.7.1	4.NBT.B.4
2	Subtract multi-digit whole numbers > 1000.	MA.4.7.2	4.NBT.B.4
3	Multiply whole number up to 4 digits by a 1-digit whole number.	MA.4.7.3	4.NBT.B.5
4	Find whole-number quotients with up to four-digit dividends and one-digit divisors, no remainders.	MA.4.7.4	4.NBT.B.6
5	Find whole-number quotients and remainders with up to four-digit dividends and one-digit divisors.	MA.4.7.5	4.NBT.B.6
6	Multiply a 2-digit whole number by a 2-digit whole number.	MA.4.7.6	4.NBT.B.5
7	Locate decimals to hundredths on a number line.	MA.4.7.7	4.NF.C.6
8	Use decimal notation for fractions with denominators 10 or 100.	MA.4.7.8	4.NF.C.6
Fifth Grade		Skill ID	Standard
1	Multiply multi-digit whole numbers (3 or more digits by 2 or more digits).	MA.5.7.1	5.NBT.B.5
2	Find whole-number quotients of whole numbers with up to 4-digit dividends and 2-digit divisors.	MA.5.7.2	5.NBT.B.6
3	Evaluate numerical expressions that use grouping symbols.	MA.5.7.3	5.OA.A.1
4	Add decimals to hundredths.	MA.5.7.4	5.NBT.B.7
5	Subtract decimals to hundredths.	MA.5.7.5	5.NBT.B.7
6	Multiply decimals to hundredths.	MA.5.7.6	5.NBT.B.7
7	Divide decimals to hundredths.	MA.5.7.7	5.NBT.B.7
Sixth Grade		Skill ID	Standard
1	Find a percent of a quantity as a rate per 100.	MA.6.7.1	6.RP.A.3

Computation Base Ten

2	Divide multi-digit numbers.	MA.6.7.2	6.NS.B.2
3	Add multi-digit decimals.	MA.6.7.3	6.NS.B.3
4	Subtract multi-digit decimals.	MA.6.7.4	6.NS.B.3
5	Multiply multi-digit decimals.	MA.6.7.5	6.NS.B.3
6	Divide multi-digit decimals.	MA.6.7.6	6.NS.B.3
7	Determine the whole when given a part and percent, in a context.	MA.6.7.7	6.RP.A.3c
8	Evaluate numerical expressions involving whole-number bases with whole-number exponents.	MA.6.7.8	6.EE.A.1
9	Calculate the square of a decimal.	MA.6.7.9	6.EE.A.1
10	Calculate the cube of a decimal.	MA.6.7.10	6.EE.A.1
11	Rewrite the sum of two whole numbers by using the distributive property to factor out the greatest common factor.	MA.6.7.11	6.NS.B.4

Seventh Grade		Skill ID	Standard
1	Add two integers (both negative, or one positive and one negative).	MA.7.7.1	7.NS.A.1
2	Subtract two integers (both negative, or one positive and one negative).	MA.7.7.2	7.NS.A.1
3	Add and subtract three or more integers with various signs.	MA.7.7.3	7.NS.A.1
4	Multiply two integers (both negative, or one positive and one negative).	MA.7.7.4	7.NS.A.1
5	Divide two integers (both negative, or one positive and one negative).	MA.7.7.5	7.NS.A.1
6	Multiply and divide three or more integers with various signs.	MA.7.7.6	7.NS.A.2
7	Identify the prime factorization of a given whole number.	MA.7.7.7	N/A
8	Add two rational numbers in decimal form (both negative, or one positive and one negative).	MA.7.7.8	7.NS.A.1
9	Subtract two rational numbers in decimal form (both negative, or one positive and one negative).	MA.7.7.9	7.NS.A.1
10	Add and subtract three or more rational numbers in decimal form with various signs.	MA.7.7.10	7.NS.A.1
11	Multiply two rational numbers in decimal form (both negative, or one positive and one negative).	MA.7.7.11	7.NS.A.1
12	Divide two rational numbers in decimal form (both negative, or one positive and one negative).	MA.7.7.12	7.NS.A.1
13	Multiply and divide three or more rational numbers in decimal form with various signs.	MA.7.7.13	7.NS.A.2

Eighth Grade		Skill ID	Standard
1	Evaluate numerical expressions involving integer exponents.	MA.8.7.1	8.EE.A.1
2	Find square roots of small perfect squares of whole numbers.	MA.8.7.2	8.EE.A.2

Computation Base Ten

3	Find cube roots of small perfect cubes of whole numbers.	MA.8.7.3	8.EE.A.2
4	Compute with numbers given in scientific notation.	MA.8.7.4	8.EE.A.4
5	Find square roots of small perfect squares of positive rational numbers in decimal form.	MA.8.7.5	8.EE.A.2
6	Find cube roots of small perfect cubes of positive rational numbers in decimal form.	MA.8.7.6	8.EE.A.2
7	Evaluate complex numerical expressions involving signed numbers, decimals, integer exponents, etc.	MA.8.7.7	N/A

Computation Fractions and Rational Numbers

Computation Fractions and Rational Numbers

First Grade		Skill ID	Standard
1	Identify halves, fourths, and quarters of circles and rectangles.	MA.1.9.1	1.G.A.3
2	Identify a partitioned whole as two-halves, four-fourths, or four-quarters.	MA.1.9.2	1.G.A.3
Second Grade		Skill ID	Standard
1	Identify thirds of circles and rectangles.	MA.2.9.1	2.G.A.3
2	Identify a partitioned whole as three-thirds or four-fourths.	MA.2.9.2	2.G.A.3
3	Find equal shares of an identical whole which do not have the same shape (e.g., find other pictures of one-fourth of the same rectangle).	MA.2.9.3	2.G.A.3
Third Grade		Skill ID	Standard
1	Express equal areas of larger shape as a unit fraction.	MA.3.9.1	3.G.A.2
2	Recognize equivalent fractions (number line, numeric).	MA.3.9.2	3.NF.A.3a
3	Add fractions less than one with like denominators.	MA.3.9.3	N/A
4	Subtract fractions less than one with like denominators.	MA.3.9.4	N/A
Fourth Grade		Skill ID	Standard
1	Identify equivalent fractions using numerical representation.	MA.4.9.1	4.NF.A.1
2	Add mixed numbers with like denominators.	MA.4.9.2	4.NF.B.3
3	Subtract mixed numbers with like denominators.	MA.4.9.3	4.NF.B.3
4	Multiply a fraction by a whole number.	MA.4.9.4	4.NF.B.4
5	Add two fractions with respective denominators 10 and 100.	MA.4.9.5	4.NF.C.5
6	Find a least common denominator for two fractions.	MA.4.9.6	N/A
Fifth Grade		Skill ID	Standard

Computation Fractions and Rational Numbers

1	Add fractions and mixed numbers with unlike denominators.	MA.5.9.1	5.NF.A.1
2	Subtract fractions and mixed numbers with unlike denominators.	MA.5.9.2	5.NF.A.1
3	Multiply a fraction by a fraction.	MA.5.9.3	N/A
4	Represent fraction products as rectangular areas.	MA.5.9.4	5.NF.B.4
5	Divide unit fractions by whole numbers.	MA.5.9.5	5.NF.B.7
6	Divide whole numbers by unit fractions.	MA.5.9.6	5.NF.B.7
Sixth Grade		Skill ID	Standard
1	Find a percent of a quantity as a rate per 100.	MA.6.9.1	6.RP.A.3
2	Determine the whole when given a part and percent, in a context.	MA.6.9.2	6.RP.A.3
3	Divide fractions by fractions.	MA.6.9.3	6.NS.A.1
4	Evaluate numerical expressions involving whole-number bases with whole-number exponents.	MA.6.9.4	6.EE.A.1
5	Calculate the square of a fraction.	MA.6.9.5	6.EE.A.1
6	Calculate the cube of a fraction.	MA.6.9.6	6.EE.A.1
Seventh Grade		Skill ID	Standard
1	Add two integers (both negative, or one positive and one negative).	MA.7.9.1	7.NS.A.1
2	Subtract two integers (both negative, or one positive and one negative).	MA.7.9.2	7.NS.A.1
3	Add and subtract three or more integers with various signs.	MA.7.9.3	7.NS.A.1
4	Multiply two integers (both negative, or one positive and one negative).	MA.7.9.4	7.NS.A.1
5	Divide two integers (both negative, or one positive and one negative).	MA.7.9.5	7.NS.A.1
6	Multiply and divide three or more integers with various signs.	MA.7.9.6	7.NS.A.2
7	Identify the prime factorization of a given whole number.	MA.7.9.7	N/A
8	Add two rational numbers (both negative, or one positive and one negative).	MA.7.9.8	7.NS.A.1
9	Subtract two rational numbers (both negative, or one positive and one negative).	MA.7.9.9	7.NS.A.1
10	Add and subtract three or more rational numbers with various signs.	MA.7.9.10	7.NS.A.1
11	Multiply two rational numbers (both negative, or one positive and one negative).	MA.7.9.11	7.NS.A.1
12	Divide two rational numbers (both negative, or one positive and one negative).	MA.7.9.12	7.NS.A.1
13	Multiply and divide three or more rational numbers with various signs.	MA.7.9.13	7.NS.A.2
Eighth Grade		Skill ID	Standard
1	Find square roots of small perfect squares of whole numbers.	MA.8.9.1	8.EE.A.2
2	Find cube roots of small perfect cubes of whole numbers.	MA.8.9.2	8.EE.A.2
3	Evaluate numerical expressions involving integer exponents.	MA.8.9.3	8.EE.A.1

Computation Fractions and Rational Numbers

4	Find square roots of small perfect squares of positive fractions.	MA.8.9.4	8.EE.A.2
5	Find cube roots of small perfect cubes of positive fractions.	MA.8.9.5	8.EE.A.2
6	Evaluate complex numerical expressions involving signed numbers, decimals, integer exponents, etc.	MA.8.9.6	N/A

Data and Statistics

Data and Statistics			
	Skill	Skill ID	Standard
Kindergarten		Skill ID	Standard
1	Count and order categories of objects.	MA.K.3.1	K.MD.B.3
First Grade		Skill ID	Standard
1	Organize data into (up to 3) categories.	MA.1.3.1	1.MD.C.4
2	Identify and compare frequencies across categories.	MA.1.3.2	1.MD.C.4
Second Grade		Skill ID	Standard
1	Match measurement data to a line plot.	MA.2.3.1	2.MD.D.9
2	Match single-unit scale picture graph to given data, up to 4 categories.	MA.2.3.2	2.MD.D.10
3	Match single-unit scale bar graph to given data, up to 4 categories.	MA.2.3.3	2.MD.D.10
4	Solve put-together and compare problems using data in a single-unit scale bar graph.	MA.2.3.4	2.MD.D.10
Third Grade		Skill ID	Standard
1	Identify non-unit scale picture graph or bar graph for a data set.	MA.3.3.1	3.MD.B.3
2	Answer how many more or how many less based on bar graphs with non-unit scales.	MA.3.3.2	3.MD.B.3
3	Identify a line plot for a data set with whole units.	MA.3.3.3	3.MD.B.4
Fourth Grade		Skill ID	Standard
1	Identify a line plot for a data set with fractional units.	MA.4.3.1	4.MD.B.4
Fifth Grade		Skill ID	Standard
1	Use information in line plots to solve problems.	MA.5.3.1	5.MD.B.2
Sixth Grade		Skill ID	Standard
1	Identify a statistical question.	MA.6.3.1	6.SP.A.1
2	Identify distributions by center, shape, and spread.	MA.6.3.2	6.SP.A.2
3	Identify median for a data set.	MA.6.3.3	6.SP.A.3

Data and Statistics			
	Skill	Skill ID	Standard
4	Identify mean for a data set.	MA.6.3.4	6.SP.A.3
5	Identify the range of a data set.	MA.6.3.5	6.SP.A.3
6	Identify histograms for a data set.	MA.6.3.6	6.SP.B.4
7	Identify box plots for a data set.	MA.6.3.7	6.SP.B.4
8	Identify interquartile range or mean absolute deviation for data sets.	MA.6.3.8	6.SP.B.5
Seventh Grade		Skill ID	Standard
1	Identify a representative sample for a given population.	MA.7.3.1	7.SP.A.1
2	Draw inferences about a population based on data from a random sample.	MA.7.3.2	7.SP.A.2
3	Compare samples from the same population to estimate variations.	MA.7.3.3	7.SP.A.2
4	Compare centers of two data sets of similar variability based on graphical representation of their distributions.	MA.7.3.4	7.SP.B.3
5	Compare numerical data sets using measures of center and variability.	MA.7.3.5	7.SP.B.4
Eighth Grade		Skill ID	Standard
1	Interpret scatter plots for bivariate measurement data noting clustering or outliers.	MA.8.3.1	8.SP.A.1
2	Interpret scatter plots for bivariate measurement data noting positive or negative relationships and linear/non-linear relationships.	MA.8.3.2	8.SP.A.1
3	Identify and assess a line that represents a fit to bivariate data.	MA.8.3.3	8.SP.A.2
4	Solve problems using the equation of the line of best fit.	MA.8.3.4	8.SP.A.3
5	Understand bivariate categorical data expressed in a two-way table.	MA.8.3.5	8.SP.A.4
6	Use the rows and columns in a table to calculate relative frequency to suggest a relationship between two variables.	MA.8.3.6	8.SP.A.4

Equivalence and Properties

Equivalence and Properties			
First Grade		Skill ID	Standard
1	Recognize that addition is commutative.	MA.1.11.1	1.OA.B.3
2	Recognize that addition is associative.	MA.1.11.2	1.OA.B.3
3	Understand meaning of equal sign.	MA.1.11.3	1.OA.D.7
Second Grade		Skill ID	Standard
1	Identify odd and even numbers.	MA.2.11.1	2.OA.C.3
2	Express an even number as sum of two equal addends.	MA.2.11.2	2.OA.C.3

Equivalence and Properties

3	Match objects in rectangular arrays to an expression showing repeated addition of equal addends.	MA.2.11.3	2.OA.C.4
Third Grade		Skill ID	Standard
1	Recognize that multiplication is commutative.	MA.3.11.1	3.OA.B.5
2	Recognize that multiplication is associative.	MA.3.11.2	3.OA.B.5
3	Multiply within 100.	MA.3.11.3	3.OA.C.7
4	Divide within 100.	MA.3.11.4	N/A
Fourth Grade		Skill ID	Standard
1	Match a multi-digit whole numeral to its representation in expanded form.	MA.4.11.1	4.NBT.A.2
2	Match a multi-digit whole numeral to its representation in word form.	MA.4.11.2	4.NBT.A.2
3	Know the difference between multiplicative comparison and additive comparison.	MA.4.11.3	4.OA.A.2
4	Identify multiples of a single-digit number within 100.	MA.4.11.4	4.OA.B.4
5	Identify factor pairs for a whole number within 100.	MA.4.11.5	4.OA.B.4
6	Determine if a number is prime or composite.	MA.4.11.6	4.OA.B.4
Fifth Grade		Skill ID	Standard
1	Match a numeral to its representation in expanded form (decimals to the thousandths).	MA.5.11.1	5.NBT.A.3
2	Match a numeral to its representation in word form (decimals to the thousandths).	MA.5.11.2	5.NBT.A.3
3	Evaluate numerical expressions that use grouping symbols.	MA.5.11.3	5.OA.A.1
4	Translate between verbal and numerical expressions.	MA.5.11.4	5.OA.A.2
5	Interpret numerical expressions without evaluating them.	MA.5.11.5	5.OA.A.2
Sixth Grade		Skill ID	Standard
1	Evaluate numerical expressions involving whole-number bases with whole-number exponents.	MA.6.11.1	6.EE.A.1
2	Evaluate expressions at specific values of their variables.	MA.6.11.2	6.EE.A.2
3	Use the words sum, term, difference, product, factor, quotient and coefficient to describe parts of a mathematical expression.	MA.6.11.3	6.EE.A.2b
4	Write algebraic expressions that record operations with numbers and variables (no real-world context).	MA.6.11.4	6.EE.A.2
5	Recognize equivalent expressions.	MA.6.11.5	6.EE.A.4
6	Rewrite the sum of two whole numbers by using the distributive property to factor out the greatest common factor.	MA.6.11.6	6.NS.B.4
Seventh Grade		Skill ID	Standard
1	Identify equivalent representation of a rational number as fraction, decimal, and percent.	MA.7.11.1	7.NS.A.2

Equivalence and Properties

2	Add linear expressions with rational coefficients.	MA.7.11.2	7.EE.A.1
3	Subtract linear expressions with rational coefficients.	MA.7.11.3	7.EE.A.1
4	Expand linear expressions with rational coefficients.	MA.7.11.4	7.EE.A.1
5	Factor linear expressions with rational coefficients.	MA.7.11.5	7.EE.A.1
Eighth Grade		Skill ID	Standard
1	Use properties of integer exponents to identify equivalent numerical expressions.	MA.8.11.1	8.EE.A.1
2	Represent approximate values of extremely large or small numbers, in a context, as a single digit multiplied by 10 to an integer power.	MA.8.11.2	8.EE.A.3
3	Compute with numbers given in scientific notation.	MA.8.11.3	8.EE.A.4

Graphs and Functions

Graphs and Functions

Second Grade		Skill ID	Standard
1	Match number line diagrams to whole number lengths.	MA.2.13.1	2.MD.B.6
Third Grade		Skill ID	Standard
1	Locate a fraction on a number line.	MA.3.13.1	3.NF.A.2
Fourth Grade		Skill ID	Standard
1	Locate decimals to hundredths on a number line.	MA.4.13.1	4.NF.C.6
2	Extend a shape pattern that follows a given rule.	MA.4.13.2	4.OA.C.5
3	Extend a number pattern that follows a given rule.	MA.4.13.3	4.OA.C.5
Fifth Grade		Skill ID	Standard
1	Locate points in the first quadrant that correspond to ordered pairs.	MA.5.13.1	5.G.A.1
2	Interpret points in the first quadrant in a context.	MA.5.13.2	5.G.A.2
3	Identify first-quadrant graphs of points that show real-world or mathematical situations.	MA.5.13.3	5.G.A.2
4	Given two number patterns, describe the relationship between corresponding terms.	MA.5.13.4	5.OA.B.3
Sixth Grade		Skill ID	Standard
1	Locate points on a number line that correspond to rational numbers (including negative values).	MA.6.13.1	6.NS.C.6
2	Locate points on a coordinate graph that correspond to ordered pairs of rational numbers (including negative values).	MA.6.13.2	6.NS.C.6
3	Name the ordered pair that corresponds to a point on a coordinate graph.	MA.6.13.3	6.EE.C.9

Graphs and Functions

4	Use tables to determine the relationship between independent and dependent variables, and describe how the relationship corresponds to the equation.	MA.6.13.4	6.EE.C.9
5	Use graphs to determine the relationship between independent and dependent variables, and describe how the relationship corresponds to the equation.	MA.6.13.5	6.EE.C.9

	Seventh Grade	Skill ID	Standard
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1	Given a graph of a real-world or mathematical proportional relationship, describe the meaning of a point (x, y) on that graph.	MA.7.13.1	7.RP.A.2
2	Interpret the graph of a solution set of an inequality in terms of a given context.	MA.7.13.2	7.EE.B.4
3	Identify the graph of the solution set of an inequality of the form $px + q > r$ or $px + q < r$, where p , q , and r are specific rational numbers.	MA.7.13.3	7.EE.B.4

	Eighth Grade	Skill ID	Standard
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1	Identify functions that are not linear.	MA.8.13.1	8.F.A.3
2	Identify equations of the form $y = mx + b$ as a linear function.	MA.8.13.2	8.F.A.3
3	Identify the graph of proportional relationships.	MA.8.13.3	8.EE.B.5
4	Given a line through the origin, write the equation for that line.	MA.8.13.4	8.EE.B.6
5	Given a line with a non-zero y -intercept, write the equation for that line in slope-intercept form.	MA.8.13.5	8.EE.B.6
6	Given a function equation and a scenario, describe the meaning of the y -intercept in terms of the context.	MA.8.13.6	8.F.B.4
7	Given a function equation and a scenario, describe the meaning of the slope in terms of the context.	MA.8.13.7	8.F.B.4
8	Given a qualitative description of functional relationship, identify the graph that corresponds to it.	MA.8.13.8	8.F.B.5
9	Use qualitative language to describe the relationship between two variables when given a graph of the function.	MA.8.13.9	8.F.B.5
10	Determine the initial value for a function, given a verbal description of the relationship, or two (x, y) values either explicitly or in a table or graph.	MA.8.13.10	8.F.B.4
11	Determine the rate of change for a function, given a verbal description of the relationship, or two (x, y) values either explicitly or in a table or graph.	MA.8.13.11	8.F.B.4
12	Identify a function that models a linear relationship between two quantities.	MA.8.13.12	8.F.B.4
13	Compare proportional relationships represented in different ways (equations or tables, and graphs).	MA.8.13.13	8.EE.B.5
14	Compare functions represented in different ways (equations, tables, graphs, verbal descriptions).	MA.8.13.14	8.F.A.2
15	Identify relations that are functions.	MA.8.13.15	8.F.A.1

Length, Area, Volume, and Coordinate Geometry

Length, Area, Volume, and Coordinate Geometry			
Kindergarten		Skill ID	Standard
1	Identify measurable attributes of an object.	MA.K.2.1	K.MD.A.1
2	Use more/less to describe comparison between objects on a measurable attribute.	MA.K.2.2	K.MD.A.2
First Grade		Skill ID	Standard
1	Compare lengths of several objects.	MA.1.2.1	1.MD.A.1
2	Find length in nonstandard units using a measurement with no gaps and no overlaps.	MA.1.2.2	1.MD.A.2
3	Identify halves, fourths, and quarters of circles and rectangles.	MA.1.2.3	1.G.A.3
4	Identify a partitioned whole as two-halves, four-fourths, or four-quarters.	MA.1.2.4	1.G.A.3
Second Grade		Skill ID	Standard
1	Identify thirds of circles and rectangles.	MA.2.2.1	2.G.A.3
2	Choose appropriate tool for measuring length of an object.	MA.2.2.2	2.MD.A.1
3	Estimate lengths of objects in inches and feet.	MA.2.2.3	2.MD.A.3
4	Match number line diagrams to whole number lengths.	MA.2.2.4	2.MD.B.6
5	Identify a partitioned whole as three-thirds or four-fourths.	MA.2.2.5	2.G.A.3
6	Find equal shares of an identical whole which do not have the same shape (e.g., find other pictures of one-fourth of the same rectangle).	MA.2.2.6	2.G.A.3
7	Estimate lengths of objects in centimeters and meters.	MA.2.2.7	2.MD.A.3
8	Match number line diagrams to sums and differences within 100.	MA.2.2.8	2.MD.B.6
Third Grade		Skill ID	Standard
1	Determine area by counting unit squares.	MA.3.2.1	3.MD.C.6
2	Find areas of rectangles with whole number sides.	MA.3.2.2	3.MD.C.7
3	Decompose rectilinear figures into rectangles to find the total area.	MA.3.2.3	3.MD.C.7
4	Solve problems involving the perimeter of polygons that include unknown side problems.	MA.3.2.4	3.MD.D.8
5	Partition shapes into parts with equal areas.	MA.3.2.5	3.G.A.2
6	Express equal areas of larger shape as a unit fraction.	MA.3.2.6	3.G.A.2
Fourth Grade		Skill ID	Standard
1	Solve real-world area and perimeter problems including unknown side lengths.	MA.4.2.1	4.MD.A.3
Fifth Grade		Skill ID	Standard
1	Measure volume by counting unit cubes.	MA.5.2.1	5.MD.C.4

Length, Area, Volume, and Coordinate Geometry

2	Find the volume of a right rectangular prism with whole-number side lengths.	MA.5.2.2	5.MD.C.5
3	Locate points in the first quadrant that correspond to ordered pairs.	MA.5.2.3	5.G.A.1
4	Apply the formulas $V = l \times w \times h$ and $V = b \times h$ to solve problems.	MA.5.2.4	5.MD.C.5
5	Decompose a solid figure into two right rectangular prisms to find the total volume.	MA.5.2.5	5.MD.C.5
6	Identify first-quadrant graphs of points that show real-world or mathematical situations.	MA.5.2.6	5.G.A.2
7	Interpret points in the first quadrant in a context.	MA.5.2.7	5.G.A.2
Sixth Grade		Skill ID	Standard
1	Locate points on a coordinate graph that correspond to ordered pairs of rational numbers (including negative values).	MA.6.2.1	6.NS.C.6
2	Find the area of right triangles.	MA.6.2.2	6.G.A.1
3	Find the area of special quadrilaterals.	MA.6.2.3	6.G.A.1
4	Find the volume of right rectangular prisms with fractional edges.	MA.6.2.4	6.G.A.2
5	Identify vertical and horizontal side lengths in the coordinate plane.	MA.6.2.5	6.G.A.3
6	Identify nets that represent three-dimensional figures.	MA.6.2.6	6.G.A.4
7	Name the ordered pair that corresponds to a point on a coordinate graph.	MA.6.2.7	6.NS.C.6
8	Find the area of non-right triangles.	MA.6.2.8	6.G.A.1
9	Find the area of polygons by decomposing into triangles and rectangles.	MA.6.2.9	6.G.A.1
10	Complete polygons in the coordinate plane by supplying missing coordinates.	MA.6.2.10	6.G.A.3
11	Solve real-world problems using coordinates to find horizontal or vertical lengths.	MA.6.2.11	6.G.A.3
12	Find the surface area of three-dimensional figures.	MA.6.2.12	6.G.A.4
Seventh Grade		Skill ID	Standard
1	Find volumes and surface areas of prisms.	MA.7.2.1	7.G.B.6
2	Find the area and circumference of circles.	MA.7.2.2	7.G.B.4
3	Represent proportional relationships for similar figures with equations.	MA.7.2.3	7.RP.A.2
4	Identify constant of proportionality (scale factor) for similar figures.	MA.7.2.4	7.RP.A.2
5	Find actual or scale lengths for geometric figures.	MA.7.2.5	7.G.A.1
Eighth Grade		Skill ID	Standard
1	Apply the Pythagorean theorem to find unknown sides.	MA.8.2.1	8.G.B.7
2	Apply the Pythagorean theorem to find distances in a coordinate plane.	MA.8.2.2	8.G.B.8
3	Find the volume of cones.	MA.8.2.3	8.G.C.9
4	Find the volume of cylinders.	MA.8.2.4	8.G.C.9
5	Find the volume of spheres.	MA.8.2.5	8.G.C.9

Number Sense Base Ten

Number Sense Base Ten			
Kindergarten		Skill ID	Standard
1	Tell how many, up to 20.	MA.K.6.1	K.CC.B.5
2	Compare two sets of objects, up to 20.	MA.K.6.2	K.CC.C.6
3	Compare two numerals, up to 10.	MA.K.6.3	K.CC.C.7
4	Decompose and recompose teens as a ten and ones.	MA.K.6.4	K.NBT.A.1
First Grade		Skill ID	Standard
1	Represent a set of tens and no ones, shown as base-ten blocks, as a (multiple of ten) numeral.	MA.1.6.1	1.NBT.B.2c
2	Represent a set of base-ten blocks, through 120, as a numeral.	MA.1.6.2	1.NBT.A.1
3	Compare 2-digit numbers using the $<$, $=$, and $>$ symbols.	MA.1.6.3	1.NBT.B.3
4	Match a set of tens and ones given in words to a 2-digit number.	MA.1.6.4	1.NBT.B.2
Second Grade		Skill ID	Standard
1	Match a numeral to the number represented by base-ten blocks.	MA.2.6.1	2.NBT.A.1
2	Match a whole numeral less than 1000 to its representation in expanded form.	MA.2.6.2	2.NBT.A.3
3	Match a whole numeral less than 1000 to its representation in word form.	MA.2.6.3	2.NBT.A.3
4	Match number line diagrams to whole number lengths.	MA.2.6.4	2.MD.B.6
5	Compare 3-digit numbers using the $<$, $=$, and $>$ symbols.	MA.2.6.5	2.NBT.A.4
Third Grade		Skill ID	Standard
1	Round numbers to nearest 10.	MA.3.6.1	3.NBT.A.1
2	Round numbers to nearest 100.	MA.3.6.2	3.NBT.A.1
Fourth Grade		Skill ID	Standard
1	Round multi-digit whole numbers to any place.	MA.4.6.1	4.NBT.A.3
2	Compare multi-digit whole numbers using the symbols $<$, $=$, $>$.	MA.4.6.2	4.NBT.A.2
3	Identify that the value of a given digit is 10 times as much when located one place to the left (whole numbers).	MA.4.6.3	4.NBT.A.1
4	Match a multi-digit whole numeral to its representation in expanded form.	MA.4.6.4	4.NBT.A.2
5	Match a multi-digit whole numeral to its representation in word form.	MA.4.6.5	4.NBT.A.2
6	Locate decimals to hundredths on a number line.	MA.4.6.6	4.NF.C.6
7	Use decimal notation for fractions with denominators 10 or 100.	MA.4.6.7	4.NF.C.6

Number Sense Base Ten

8	Compare decimals to hundredths using the symbols $<$, $=$, $>$.	MA.4.6.8	4.NF.C.7
9	Determine if a number is prime or composite.	MA.4.6.9	4.OA.B.4
Fifth Grade		Skill ID	Standard
1	Compare decimals to thousandths using the symbols $<$, $=$, $>$.	MA.5.6.1	5.NBT.A.3
2	Match a numeral to its representation in expanded form (decimals to the thousandths).	MA.5.6.2	5.NBT.A.3
3	Match a numeral to its representation in word form (decimals to the thousandths).	MA.5.6.3	5.NBT.A.3
4	Round decimals to tenths, hundredths, or thousandths.	MA.5.6.4	5.NBT.A.4
5	Identify that the value of a given digit is 10 times as much when located one place to the left (decimals).	MA.5.6.5	5.NBT.A.1
6	Identify that the value of a given digit is $\frac{1}{10}$ th as much when located one place to the right (whole and decimals).	MA.5.6.6	5.NBT.A.1
7	Use whole-number exponents to denote powers of 10.	MA.5.6.7	5.NBT.A.2
Sixth Grade		Skill ID	Standard
1	Locate points on a number line that correspond to rational numbers (including negative values).	MA.6.6.1	6.NS.C.6
2	Locate points on a coordinate graph that correspond to ordered pairs of rational numbers (including negative values).	MA.6.6.2	6.NS.C.6
3	Name the ordered pair that corresponds to a point on a coordinate graph.	MA.6.6.3	6.NS.C.6
4	Compare positive and negative numbers using the symbols $<$, $=$, $>$.	MA.6.6.4	6.NS.C.7
5	Evaluate numerical expressions involving whole-number bases with whole-number exponents.	MA.6.6.5	6.EE.A.1
6	Calculate the square of a decimal.	MA.6.6.6	6.EE.A.1
7	Calculate the cube of a decimal.	MA.6.6.7	6.EE.A.1
Seventh Grade		Skill ID	Standard
1	Convert rational number to decimal using long division (non-repeating decimal).	MA.7.6.1	7.NS.A.2
2	Identify equivalent representation of a rational number as fraction, decimal, and percent.	MA.7.6.2	7.NS.A.2
3	Identify the prime factorization of a given whole number.	MA.7.6.3	N/A
Eighth Grade		Skill ID	Standard
1	Convert rational numbers to decimals (including repeating decimal).	MA.8.6.1	8.NS.A.1
2	Convert repeating decimals to a rational numbers.	MA.8.6.2	8.NS.A.1
3	Find square roots of small perfect squares of whole numbers.	MA.8.6.3	8.EE.A.2
4	Find cube roots of small perfect cubes of whole numbers.	MA.8.6.4	8.EE.A.2
5	Find square roots of small perfect squares of positive rational numbers in decimal	MA.8.6.5	8.EE.A.2

Number Sense Base Ten

	form.		
6	Find cube roots of small perfect cubes of positive rational numbers in decimal form.	MA.8.6.6	8.EE.A.2
7	Identify rational and irrational numbers.	MA.8.6.7	8.NS.A.1
8	Locate irrational numbers approximately on a number line.	MA.8.6.8	8.NS.A.2
9	Use rational approximation of irrational numbers to compare their sizes.	MA.8.6.9	8.NS.A.2
10	Identify the simplified radical form for non-perfect square roots or cube roots.	MA.8.6.10	8.EE.A.2

Number Sense Fractions, Rational and Irrational

Number Sense Fractions, Rational and Irrational

First Grade		Skill ID	Standard
1	Identify halves, fourths, and quarters of circles and rectangles.	MA.1.8.1	1.G.A.3
2	Identify a partitioned whole as two-halves, four-fourths, or four-quarters.	MA.1.8.2	1.G.A.3
Second Grade		Skill ID	Standard
1	Match number line diagrams to whole number lengths.	MA.2.8.1	2.MD.B.6
2	Identify thirds of circles and rectangles.	MA.2.8.2	2.G.A.3
3	Identify a partitioned whole as three-thirds or four-fourths.	MA.2.8.3	2.G.A.3
4	Find equal shares of an identical whole which do not have the same shape (e.g., find other pictures of one-fourth of the same rectangle).	MA.2.8.4	2.G.A.3
Third Grade		Skill ID	Standard
1	Locate a fraction on a number line.	MA.3.8.1	3.NF.A.2
2	Partition shapes into parts with equal areas.	MA.3.8.2	3.G.A.2
3	Express equal areas of larger shape as a unit fraction.	MA.3.8.3	3.G.A.2
4	Recognize equivalent fractions (number line, numeric).	MA.3.8.4	3.NF.A.3a
5	Compare fractions with same denominators using the symbols $<$, $=$, $>$.	MA.3.8.5	3.NF.A.3d
6	Compare fractions with same numerators using the symbols $<$, $=$, $>$.	MA.3.8.6	3.NF.A.3d
Fourth Grade		Skill ID	Standard
1	Identify equivalent fractions using visual models.	MA.4.8.1	4.NF.A.1
2	Express a fraction with denominator 10 as an equivalent fraction with denominator 100.	MA.4.8.2	4.NF.C.5
3	Use decimal notation for fractions with denominators 10 or 100.	MA.4.8.3	4.NF.C.6
4	Identify equivalent fractions using numerical representation.	MA.4.8.4	4.NF.A.1

Number Sense Fractions, Rational and Irrational

5	Rewrite a non-unit fraction as the sum of two or more fractions with the same denominator, in multiple ways.	MA.4.8.5	4.NF.B.3b
6	Compare fractions with different numerators and denominators using the symbols $<$, $=$, $>$.	MA.4.8.6	4.NF.A.2
Fifth Grade		Skill ID	Standard
1	Understand a fraction as division of the numerator by the denominator ($a/b = a \div b$).	MA.5.8.1	5.NF.B.3
Sixth Grade		Skill ID	Standard
1	Convert decimal to fraction.	MA.6.8.1	N/A
2	Locate points on a number line that correspond to rational numbers (including negative values).	MA.6.8.2	6.NS.C.6
3	Compare positive and negative numbers using the symbols $<$, $=$, $>$.	MA.6.8.3	6.NS.C.7
4	Evaluate numerical expressions involving whole-number bases with whole-number exponents.	MA.6.8.4	6.EE.A.1
5	Calculate the square of a fraction or decimal.	MA.6.8.5	6.EE.A.1
6	Calculate the cube of a fraction or decimal.	MA.6.8.6	6.EE.A.1
Seventh Grade		Skill ID	Standard
1	Identify equivalent representation of a rational number as fraction, decimal, and percent.	MA.7.8.1	7.NS.A.2
2	Convert rational number to decimal using long division (non-repeating decimal).	MA.7.8.2	7.NS.A.2
3	Identify the prime factorization of a given whole number.	MA.7.8.3	N/A
Eighth Grade		Skill ID	Standard
1	Convert rational numbers to decimals (including repeating decimal).	MA.8.8.1	8.NS.A.1
2	Convert repeating decimals to a rational numbers.	MA.8.8.2	8.NS.A.1
3	Find square roots of small perfect squares of whole numbers.	MA.8.8.3	8.EE.A.2
4	Find cube roots of small perfect cubes of whole numbers.	MA.8.8.4	8.EE.A.2
5	Find square roots of small perfect squares of positive fractions.	MA.8.8.5	8.EE.A.2
6	Find cube roots of small perfect cubes of positive fractions.	MA.8.8.6	8.EE.A.2
7	Identify rational and irrational numbers.	MA.8.8.7	8.NS.A.1
8	Identify the simplified radical form for non-perfect square roots or cube roots.	MA.8.8.8	8.EE.A.2
9	Locate irrational numbers approximately on a number line.	MA.8.8.9	8.NS.A.2
10	Use rational approximation of irrational numbers to compare their sizes.	MA.8.8.10	8.NS.A.2

Probability

Probability			
Sixth Grade		Skill ID	Standard
1	Use ratio language to describe a ratio relationship between two quantities.	MA.6.5.1	6.RP.A.1
2	Use rate language in the context of a ratio relationship.	MA.6.5.2	6.RP.A.2
3	Find a percent of a quantity as a rate per 100.	MA.6.5.3	6.RP.A.3
Seventh Grade		Skill ID	Standard
1	Represent the probability of a simple event with a number between 0 and 1.	MA.7.5.1	7.SP.C.5
2	Compute experimental probability from a set of events.	MA.7.5.2	7.SP.C.6
3	Identify the relative frequency of an event given a probability of the event.	MA.7.5.3	7.SP.C.6
4	Compute theoretical probability from models.	MA.7.5.4	7.SP.C.7
5	Compare probabilities from a model to observed frequencies.	MA.7.5.5	7.SP.C.7
6	Find the probability of compound events.	MA.7.5.6	7.SP.C.8
7	Identify appropriate representations of compound events.	MA.7.5.7	7.SP.C.8
8	Identify an appropriate simulation for a compound event.	MA.7.5.8	7.SP.C.8

Problem Solving, Fractions and Ratios

Problem Solving, Fractions and Ratios			
First Grade		Skill ID	Standard
1	Identify halves, fourths, and quarters of circles and rectangles.	MA.1.10.1	1.G.A.3
2	Identify a partitioned whole as two-halves, four-fourths, or four-quarters.	MA.1.10.2	1.G.A.3
3	Use addition and subtraction within 20 to solve problems of adding to, taking from, and putting together with result unknown.	MA.1.10.3	1.OA.A.1
4	Use addition and subtraction within 20 to solve problems of putting together/taking apart with part unknown, and problems of adding to with change unknown and start unknown.	MA.1.10.4	1.OA.A.1
5	Use addition and subtraction within 20 to solve for larger-unknown and smaller-unknown values in compare problems.	MA.1.10.5	1.OA.A.1
Second Grade		Skill ID	Standard
1	Identify thirds of circles and rectangles.	MA.2.10.1	2.G.A.3
2	Identify a partitioned whole as three-thirds or four-fourths.	MA.2.10.2	2.G.A.3
3	Find equal shares of an identical whole which do not have the same shape (e.g., find other pictures of one-fourth of the same rectangle).	MA.2.10.3	2.G.A.3
4	Use addition and subtraction within 100 to solve problems of adding to, taking from, and putting together with result unknown.	MA.2.10.4	2.OA.A.1

Problem Solving, Fractions and Ratios

5	Use addition and subtraction within 100 to solve for difference in compare problems.	MA.2.10.5	2.OA.A.1
6	Use addition and subtraction within 100 to solve problems of putting together/taking apart with part unknown, and problems of adding to with change unknown and start unknown.	MA.2.10.6	2.OA.A.1
7	Use addition and subtraction within 100 to solve for larger-unknown and smaller-unknown values in compare problems.	MA.2.10.7	2.OA.A.1
Third Grade		Skill ID	Standard
1	Solve word problems involving multiplication and division within 100.	MA.3.10.1	3.OA.A.3
2	Solve two-step word problems involving whole numbers, using the four operations, within 100.	MA.3.10.2	3.OA.D.8
3	Add fractions less than one with like denominators.	MA.3.10.3	N/A
4	Subtract fractions less than one with like denominators.	MA.3.10.4	N/A
Fourth Grade		Skill ID	Standard
1	Determine if the answers to word problems that involve whole numbers are reasonable.	MA.4.10.1	4.OA.A.3
2	Identify equivalent fractions using numerical representation.	MA.4.10.2	4.NF.A.1
3	Solve one-step fraction word problems (same denominators, addition and subtraction).	MA.4.10.3	4.NF.B.3d
4	Solve multi-step fraction word problems (same denominators, addition and subtraction).	MA.4.10.4	4.NF.B.3d
5	Multiply a whole number by a fraction to find the answer to a word problem.	MA.4.10.5	4.NF.B.4c
Fifth Grade		Skill ID	Standard
1	Add fractions and mixed numbers with unlike denominators.	MA.5.10.1	5.NF.A.1
2	Subtract fractions and mixed numbers with unlike denominators.	MA.5.10.2	5.NF.A.1
3	Multiply a fraction by a fraction.	MA.5.10.3	N/A
4	Multiply fractional side lengths to find areas of rectangles.	MA.5.10.4	5.NF.B.4
5	Divide unit fractions by whole numbers.	MA.5.10.5	5.NF.B.7
6	Divide whole numbers by unit fractions.	MA.5.10.6	5.NF.B.7
7	Add and subtract fractions and/or mixed numbers to find the answer to a word problem.	MA.5.10.7	5.NF.A.2
8	Determine if the answers to addition and subtraction word problems that involve fractions are reasonable.	MA.5.10.8	5.NF.A.2
9	Divide whole numbers that result in a fraction or mixed number to find the answer to a word problem.	MA.5.10.9	5.NF.B.3
10	Identify a context which can be represented by multiplication of fractions and mixed numbers.	MA.5.10.10	N/A

Problem Solving, Fractions and Ratios

11	Multiply mixed numbers and fractions to find the answer to a word problem.	MA.5.10.11	5.NF.B.6
12	Identify a context which can be represented by the division of a unit fraction by a whole number.	MA.5.10.12	5.NF.B.7
13	Identify a context which can be represented by the division of a whole number by a unit fraction.	MA.5.10.13	5.NF.B.7
14	Divide a unit fraction by a whole number to find the answer to a word problem.	MA.5.10.14	5.NF.B.7
15	Divide a whole number by a unit fraction to find the answer to a word problem.	MA.5.10.15	5.NF.B.7

Sixth Grade	Skill ID	Standard
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1	Make tables of equivalent ratios relating quantities with whole-number measurements.	MA.6.10.1	6.RP.A.3
2	Use tables to compare ratios.	MA.6.10.2	6.RP.A.3
3	Use ratio reasoning to convert measurement units.	MA.6.10.3	6.RP.A.3
4	Solve word problems involving division of fractions by fractions.	MA.6.10.4	6.NS.A.1
5	Interpret quotients of fractions.	MA.6.10.5	6.NS.A.1
6	Use ratio language to describe a ratio relationship between two quantities.	MA.6.10.6	6.RP.A.1
7	Use rate language in the context of a ratio relationship.	MA.6.10.7	6.RP.A.2
8	Solve unit rate problems.	MA.6.10.8	6.RP.A.3
9	Represent values from a context with positive and negative numbers.	MA.6.10.9	6.NS.C.5

Seventh Grade	Skill ID	Standard
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1	Given a graph of a real-world or mathematical proportional relationship, describe the meaning of a point (x, y) on that graph.	MA.7.10.1	7.RP.A.2
2	Identify constant of proportionality.	MA.7.10.2	7.RP.A.2
3	Represent proportional relationships with equations.	MA.7.10.3	7.RP.A.2
4	Solve multi-step percent and ratio problems.	MA.7.10.4	7.RP.A.3
5	Match addition or subtraction expressions to real-world contexts.	MA.7.10.5	7.NS.A.1
6	Match multiplication or division expression of rational numbers with a real-world context.	MA.7.10.6	7.NS.A.2
7	Solve real-world or mathematical problems involving the four operations with rational numbers (one or two steps only, result is unknown).	MA.7.10.7	7.NS.A.3

Eighth Grade	Skill ID	Standard
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1	Compare proportional relationships represented in different ways (equations or tables, and graphs).	MA.8.10.1	8.EE.B.5
2	Interpret the slope of a graph of a proportional relationship as the unit rate.	MA.8.10.2	8.EE.B.5
3	Identify a function that models a linear relationship between two quantities.	MA.8.10.3	8.F.B.4

Shapes, Attributes, Congruence, and Similarity

Shapes, Attributes, Congruence, and Similarity			
	Kindergarten	Skill ID	Standard
1	Identify triangles, squares, rectangles, circles, and cubes in pictures of real world objects.	MA.K.1.1	K.G.A.1
2	Describe relative position of objects using terms like "above," "below," "beside."	MA.K.1.2	K.G.A.1
3	Identify triangles and rectangles regardless of their orientation or size.	MA.K.1.3	K.G.A.2
4	Distinguish between 2D and 3D shapes.	MA.K.1.4	K.G.A.3
5	Compare 2D shapes by attribute using informal language (e.g., number of corners).	MA.K.1.5	K.G.B.4
6	Compare 3D shapes by attribute using informal language (e.g. number of sides or corners).	MA.K.1.6	K.G.B.4
7	Identify simple shapes used to form larger shapes.	MA.K.1.7	K.G.B.6
	First Grade	Skill ID	Standard
1	Distinguish defining vs. non-defining attributes of shapes.	MA.1.1.1	1.G.A.1
2	Identify the shapes composing a composite 2D shape.	MA.1.1.2	1.G.A.2
3	Identify the shapes composing a composite 3D shape.	MA.1.1.3	1.G.A.2
4	Identify halves, fourths, and quarters of circles and rectangles.	MA.1.1.4	1.G.A.3
5	Identify a partitioned whole as two-halves, four-fourths, or four-quarters.	MA.1.1.5	1.G.A.3
	Second Grade	Skill ID	Standard
1	Find shapes which have a given attribute such as a specified number of faces or a specified number of angles.	MA.2.1.1	2.G.A.1
2	Identify quadrilaterals.	MA.2.1.2	2.G.A.1
3	Identify pentagons and hexagons.	MA.2.1.3	2.G.A.1
4	Identify thirds of circles and rectangles.	MA.2.1.4	2.G.A.3
5	Identify a partitioned whole as three-thirds or four-fourths.	MA.2.1.5	2.G.A.3
6	Find equal shares of an identical whole which do not have the same shape (e.g., find other pictures of one-fourth of the same rectangle).	MA.2.1.6	2.G.A.3
	Third Grade	Skill ID	Standard
1	Understand (identify) shared attributes of quadrilaterals.	MA.3.1.1	3.G.A.1
2	Recognize various quadrilaterals including non-special quadrilaterals.	MA.3.1.2	3.G.A.1
3	Partition shapes into parts with equal areas.	MA.3.1.3	3.G.A.2
4	Express equal areas of larger shape as a unit fraction.	MA.3.1.4	3.G.A.2

Shapes, Attributes, Congruence, and Similarity

Fourth Grade		Skill ID	Standard
1	Identify lines, line segments and rays in two-dimensional figures.	MA.4.1.1	4.G.A.1
2	Identify obtuse, right, and acute angles in two-dimensional figures.	MA.4.1.2	4.G.A.1
3	Identify parallel lines in two-dimensional figures.	MA.4.1.3	4.G.A.1
4	Identify perpendicular lines in two-dimensional figures.	MA.4.1.4	4.G.A.1
5	Use perpendicular and parallel lines in a two-dimensional figure to classify the figure.	MA.4.1.5	4.G.A.2
6	Classify two-dimensional figures based on angle size (acute, right, obtuse).	MA.4.1.6	4.G.A.2
7	Identify lines of symmetry in two-dimensional shapes.	MA.4.1.7	4.G.A.3
8	Identify two-dimensional symmetric figures.	MA.4.1.8	4.G.A.3
Fifth Grade		Skill ID	Standard
1	Apply attributes to sub-categories and categories of two-dimensional figures.	MA.5.1.1	5.G.B.3
2	Classify two-dimensional figures in a hierarchy based on properties.	MA.5.1.2	5.G.B.4
Sixth Grade		Skill ID	Standard
1	Identify the reflections across the vertical, horizontal or both axes that relate ordered pairs that differ only by sign.	MA.6.1.1	6.NS.C.6
2	Identify nets that represent three-dimensional figures.	MA.6.1.2	6.G.A.4
Seventh Grade		Skill ID	Standard
1	Represent proportional relationships for similar figures with equations.	MA.7.1.1	7.RP.A.2
2	Identify constant of proportionality (scale factor) for similar figures.	MA.7.1.2	7.RP.A.2
3	Find actual or scale lengths for geometric figures.	MA.7.1.3	7.G.A.1
4	Determine if a combination of three angle or side measures defines one, no or many triangles.	MA.7.1.4	7.G.A.2
5	Identify the two-dimensional figure that is the result of slicing three-dimensional figures.	MA.7.1.5	7.G.A.3
6	Solve multistep problems involving angle measures.	MA.7.1.6	7.G.B.5
7	Write equations for unknown angles.	MA.7.1.7	7.G.B.5
Eighth Grade		Skill ID	Standard
1	Identify the effect of rotations.	MA.8.1.1	8.G.A.3
2	Identify the effect of reflections.	MA.8.1.2	8.G.A.3
3	Identify the effect of translations.	MA.8.1.3	8.G.A.3
4	Identify the effect of dilations.	MA.8.1.4	8.G.A.3
5	Identify congruent figures.	MA.8.1.5	8.G.A.2

Shapes, Attributes, Congruence, and Similarity

6 Identify similar figures.

MA.8.1.6 8.G.A.4

Solving Problems, Equations, and Inequalities

Solving Problems, Equations, and Inequalities

Solving Problems, Equations, and Inequalities			
	Kindergarten	Skill ID	Standard
1	Identify how many more are needed to make 10, when given a number between 1 and 9.	MA.K.12.1	K.OA.A.4
2	Represent addition with expressions and equations.	MA.K.12.2	K.OA.A.1
3	Represent subtraction with expressions and equations.	MA.K.12.3	K.OA.A.1
	First Grade	Skill ID	Standard
1	Use addition and subtraction within 20 to solve problems of adding to, taking from, and putting together with result unknown.	MA.1.12.1	1.OA.A.1
2	Add 3 whole numbers to find the answer to a word problem, result less than 20.	MA.1.12.2	1.OA.A.2
3	Solve unknown addend problems having no context, within 20.	MA.1.12.3	1.OA.D.8
4	Solve unknown subtrahend or minuend problems having no context, within 20.	MA.1.12.4	1.OA.D.8
5	Use addition and subtraction within 20 to solve problems of putting together/taking apart with part unknown, and problems of adding to with change unknown and start unknown.	MA.1.12.5	1.OA.A.1
6	Use addition and subtraction within 20 to solve for larger-unknown and smaller-unknown values in compare problems.	MA.1.12.6	1.OA.A.1
	Second Grade	Skill ID	Standard
1	Use addition and subtraction within 100 to solve problems of adding to, taking from, and putting together with result unknown.	MA.2.12.1	2.OA.A.1
2	Use addition and subtraction within 100 to solve for difference in compare problems.	MA.2.12.2	2.OA.A.1
3	Use addition and subtraction within 100 to solve problems of putting together/taking apart with part unknown, and problems of adding to with change unknown and start unknown.	MA.2.12.3	2.OA.A.1
4	Use addition and subtraction within 100 to solve for larger-unknown and smaller-unknown values in compare problems.	MA.2.12.4	2.OA.A.1
5	Solve unknown addend problem having no context, within 100.	MA.2.12.5	2.OA.A.1
6	Solve unknown subtrahend or minuend problem having no context, within 100.	MA.2.12.6	2.OA.A.1
7	Use addition and subtraction within 100 to solve two-step problems across various problem schemas and with unknowns in all positions.	MA.2.12.7	2.OA.A.1
8	Represent addition or subtraction word problem using symbol for unknown.	MA.2.12.8	2.OA.A.1

Solving Problems, Equations, and Inequalities

Third Grade		Skill ID	Standard
1	Represent multiplication or division word problem using symbol for unknown, whole numbers within 100.	MA.3.12.1	3.OA.A.3
2	Solve word problems involving multiplication and division within 100.	MA.3.12.2	3.OA.A.3
3	Solve two-step word problems involving whole numbers, using the four operations, within 100.	MA.3.12.3	3.OA.D.8
4	Solve for unknown factor in multiplication equation of whole numbers within 100.	MA.3.12.4	3.OA.A.4
5	Solve for unknown dividend or divisor in division equation of whole numbers within 100.	MA.3.12.5	3.OA.A.4
6	Identify a context which can be represented by a product of whole numbers.	MA.3.12.6	3.OA.A.1
7	Identify a context which can be represented by a quotient of whole numbers.	MA.3.12.7	3.OA.A.2
Fourth Grade		Skill ID	Standard
1	Determine if the answers to word problems that involve whole numbers are reasonable.	MA.4.12.1	4.OA.A.3
2	Solve whole-number word problems involving multiplication or division, within 1000.	MA.4.12.2	4.OA.A.2
3	Solve word problems in which remainders must be interpreted.	MA.4.12.3	4.OA.A.3
4	Solve multistep word problems involving whole numbers, using the four operations, within 1000.	MA.4.12.4	4.OA.A.3
5	Solve for unknown factor in multiplication equation involving whole numbers within 1000.	MA.4.12.5	N/A
6	Solve for unknown dividend or divisor in division equation, whole numbers within 1000.	MA.4.12.6	N/A
7	Represent one-step addition or subtraction word problem involving fractions with like denominators using symbol for unknown.	MA.4.12.7	4.NF.B.3d
8	Solve one-step fraction word problems. (same denominators, addition and subtraction)	MA.4.12.8	4.NF.B.3d
9	Solve multi-step fraction word problems. (same denominators, addition and subtraction)	MA.4.12.9	4.NF.B.3d
10	Multiply a whole number by a fraction to find the answer to a word problem.	MA.4.12.10	4.NF.B.4c
Fifth Grade		Skill ID	Standard
1	Add and subtract fractions and/or mixed numbers to find the answer to a word problem.	MA.5.12.1	5.NF.A.2
2	Divide whole numbers that result in a fraction or mixed number to find the answer to a word problem.	MA.5.12.2	5.NF.B.3
3	Determine if the answers to addition and subtraction word problems that involve fractions are reasonable.	MA.5.12.3	5.NF.A.2
4	Solve unknown addend equation involving fractions or decimals.	MA.5.12.4	5.NF.B.6

Solving Problems, Equations, and Inequalities

5	Solve unknown subtrahend or minuend equation involving fractions or decimals.	MA.5.12.5	5.NF.B.6
6	Solve for unknown factor in multiplication equation involving fractions or decimals.	MA.5.12.6	N/A
7	Solve for unknown dividend or divisor in division equation involving fractions or decimals.	MA.5.12.7	N/A
8	Multiply mixed numbers and fractions to find the answer to a word problem.	MA.5.12.8	5.NF.B.6
9	Identify a context which can be represented by the division of a unit fraction by a whole number.	MA.5.12.9	5.NF.B.7
10	Identify a context which can be represented by the division of a whole number by a unit fraction.	MA.5.12.10	5.NF.B.7
11	Divide a unit fraction by a whole number to find the answer to a word problem.	MA.5.12.11	5.NF.B.7
12	Divide a whole number by a unit fraction to find the answer to a word problem.	MA.5.12.12	5.NF.B.7
Sixth Grade		Skill ID	Standard
1	Given an equation or inequality, and a set of numbers, determine which of the number(s) make it true.	MA.6.12.1	6.EE.B.5
2	Solve equations of the form $x + p = q$ and $px = q$, where p and q are specific nonnegative rational numbers.	MA.6.12.2	6.EE.B.7
3	Solve inequalities of the form $px > q$, $px < q$, $x + p > q$, or $x + p < q$, where p and q are specific nonnegative rational numbers.	MA.6.12.3	6.EE.B.8
4	Solve word problems involving division of fractions by fractions.	MA.6.12.4	6.NS.A.1
5	Interpret quotients of fractions.	MA.6.12.5	6.NS.A.1
6	Represent values from a context with positive and negative numbers.	MA.6.12.6	6.NS.C.5
7	Solve real-world and mathematical problems that lead to equations of the form $x + p = q$ and $px = q$ for cases in which p , q and x are all nonnegative rational numbers.	MA.6.12.7	6.EE.B.7
8	Use variables to represent two quantities in a real-world problem that change in relationship to one another.	MA.6.12.8	6.EE.C.9
Seventh Grade		Skill ID	Standard
1	Match addition or subtraction expressions to real-world contexts.	MA.7.12.1	7.NS.A.1
2	Match multiplication or division expression of rational numbers with a real-world context.	MA.7.12.2	7.NS.A.2
3	Solve equations of the form $p(x + q) = r$, where p , q , and r are specific rational numbers.	MA.7.12.4	7.EE.B.4
4	Solve equations of the form $px + q = r$, where p , q , and r are specific rational numbers.	MA.7.12.3	7.EE.B.4
5	Construct equations of the form $px + q = r$ or $p(x + q) = r$ to represent quantities in real-world or mathematical problems, where p , q , and r are specific rational numbers.	MA.7.12.5	7.EE.B.4

Solving Problems, Equations, and Inequalities

6	Solve multi-step percent and ratio problems.	MA.7.12.6	7.RP.A.3
7	Solve real-world or mathematical problems involving the four operations with rational numbers (one or two steps only, result is unknown).	MA.7.12.7	7.NS.A.3
8	Solve multistep real-life and mathematical problems posed with positive and negative rational numbers in any form.	MA.7.12.8	7.EE.B.3
9	Solve word problems that lead to linear equations (i.e. $ax + b = c$ or $a(x + b) = c$, where x is a variable and a , b , and c are rational numbers).	MA.7.12.9	7.EE.B.4a
10	Solve inequalities of the form $px + q > r$ or $px + q < r$, where p , q , and r are specific rational numbers.	MA.7.12.10	7.EE.B.4
11	Construct inequalities of the form $px + q > r$ or $px + q < r$ to represent quantities in real-world or mathematical problems, where p , q , and r are specific rational numbers.	MA.7.12.11	7.EE.B.4
12	Solve word problems that lead to linear inequalities (i.e. $ax + b > c$ or $ax + b < c$, where x is a variable and a , b , and c are rational numbers).	MA.7.12.12	7.EE.B.4b
Eighth Grade		Skill ID	Standard
1	Solve equations of the form $x^2 = p$, where p is a positive rational number that is a perfect square.	MA.8.12.1	8.EE.A.2
2	Solve equations of the form $x^3 = p$, where p is a positive rational number that is a perfect cube.	MA.8.12.2	8.EE.A.2
3	Solve linear equations in one variable with rational number coefficients (including ones that require distribution property and collecting like terms).	MA.8.12.3	8.EE.C.7
4	Determine the number of solutions to a linear equation (0, 1, or infinite).	MA.8.12.4	8.EE.C.7
5	Represent solutions to: $x^2 = n$ (where n is a rational, positive, non-perfect square) as a number in radical form.	MA.8.12.5	8.EE.A.2
6	Represent solutions to: $x^3 = n$ (where n is a rational, positive, non-perfect cube) as a number in radical form.	MA.8.12.6	8.EE.A.2
7	Solve system of two linear equations in two variables.	MA.8.12.7	8.EE.C.8
8	Solve real world and mathematical problems leading to two linear equations in two variables.	MA.8.12.8	8.EE.C.8
9	Determine the number of solutions to a system of two linear equations (0, 1, or infinite).	MA.8.12.9	8.EE.C.8

Working with Units Including Degrees

Working with Units Including Degrees

	Skill	Skill ID	Standard
Kindergarten		Skill ID	Standard
1	Identify measurable attributes of an object.	MA.K.4.1	K.MD.A.1

Working with Units Including Degrees

	Skill	Skill ID	Standard
2	Use more/less to describe comparison between objects on a measurable attribute.	MA.K.4.2	K.MD.A.2
First Grade		Skill ID	Standard
1	Compare lengths of several objects.	MA.1.4.1	1.MD.A.1
2	Find length in nonstandard units using a measurement with no gaps and no overlaps.	MA.1.4.2	1.MD.A.2
3	Tell time to half hour on analog clock.	MA.1.4.3	1.MD.B.3
Second Grade		Skill ID	Standard
1	Choose appropriate tool for measuring length of an object.	MA.2.4.1	2.MD.A.1
2	Estimate lengths of objects in inches and feet.	MA.2.4.2	2.MD.A.3
3	Estimate lengths of objects in centimeters and meters.	MA.2.4.3	2.MD.A.3
4	Use addition and subtraction within 100 to solve length word problems with unknown result.	MA.2.4.4	2.MD.B.5
5	Use a.m. and p.m. correctly.	MA.2.4.5	2.MD.C.7
6	Represent collections of dollar bills and coins as an amount using dollar and cent symbols appropriately.	MA.2.4.6	2.MD.C.8
7	Match number line diagrams to whole number lengths.	MA.2.4.7	2.MD.B.6
8	Find the difference in standard-unit lengths for two objects.	MA.2.4.8	2.MD.A.4
9	Use addition and subtraction within 100 to solve length word problems with unknown part and known result.	MA.2.4.9	2.MD.B.5
10	Tell time to nearest five minutes on analog clock.	MA.2.4.10	2.MD.C.7
11	Solve addition and subtraction word problems involving dollar bills and coins.	MA.2.4.11	2.MD.C.8
Third Grade		Skill ID	Standard
1	Tell time to the minute.	MA.3.4.1	3.MD.A.1
2	Add and subtract times and time intervals to solve word problems.	MA.3.4.2	3.MD.A.1
3	Add and subtract to solve problems in the same unit of mass or volume (metric).	MA.3.4.3	3.MD.A.2
4	Multiply and divide to solve problems in the same unit of mass or volume (metric).	MA.3.4.4	3.MD.A.2
5	Measure and estimate mass or volume (metric).	MA.3.4.5	3.MD.A.2
Fourth Grade		Skill ID	Standard
1	Convert units within a system of measurement using whole numbers.	MA.4.4.1	4.MD.A.1
2	Represent measurement quantities on a diagram that includes a measurement scale.	MA.4.4.2	4.MD.A.2
3	Add and subtract to solve problems of time, distance, mass or volume including conversion.	MA.4.4.3	4.MD.A.2

Working with Units Including Degrees			
	Skill	Skill ID	Standard
4	Multiply and divide to solve problems of time, distance, mass, or volume including conversion.	MA.4.4.4	4.MD.A.2
5	Identify the measure of an angle using a protractor.	MA.4.4.5	4.MD.C.6
6	Solve problems based on the additive nature of angle measurement.	MA.4.4.6	4.MD.C.7
Fifth Grade		Skill ID	Standard
1	Convert units within a system of measurement using decimal equivalents.	MA.5.4.1	5.MD.A.1
Sixth Grade		Skill ID	Standard
1	Complete polygons in the coordinate plane by supplying missing coordinates.	MA.6.4.1	6.G.A.3
2	Identify vertical and horizontal side lengths in the coordinate plane.	MA.6.4.2	6.G.A.3
3	Solve real-world problems using coordinates to find horizontal or vertical lengths.	MA.6.4.3	6.G.A.3
Seventh Grade		Skill ID	Standard
1	Find actual or scale lengths for geometric figures.	MA.7.4.1	7.G.A.1
2	Solve multistep problems involving angle measures.	MA.7.4.2	7.G.B.5
3	Write equations for unknown angles.	MA.7.4.3	7.G.B.5
Eighth Grade		Skill ID	Standard
1	Apply the Pythagorean theorem to find distances in a coordinate plane.	MA.8.4.1	8.G.B.8

Language Usage

Strands in this subject:

- [Parts of Speech on page 41](#) (grades K to 8)
- [Punctuation and Capitalization on page 43](#) (grades K to 8)
- [Sentences, Phrases, Clauses, and Agreement on page 45](#) (grades K to 8)
- [Spelling on page 46](#) (grades 1 to 8)

Common Core Look-up...

Use the following lists to match each Common Core standard to the strand in MAP Skills.

Kindergarten:

- L.K.1a = [Punctuation and Capitalization on page 43](#)
- L.K.1d = [Sentences, Phrases, Clauses, and Agreement on page 45](#)
- L.K.1e = [Parts of Speech on page 41](#)
- L.K.2a to L.K.2b = [Punctuation and Capitalization on page 43](#)

First:

- L.1.1b = [Parts of Speech on page 41](#)
- L.1.1c = [Sentences, Phrases, Clauses, and Agreement on page 45](#)
- L.1.1d to L.1.1i = [Parts of Speech on page 41](#)
- L.1.1j = [Sentences, Phrases, Clauses, and Agreement on page 45](#)
- L.1.2a to L.1.2c = [Punctuation and Capitalization on page 43](#)
- L.1.2d = [Spelling on page 46](#)

Second:

- L.2.1a to L.2.1e = [Parts of Speech on page 41](#)
- L.2.1f = [Sentences, Phrases, Clauses, and Agreement on page 45](#)
- L.2.2a to L.2.2c = [Punctuation and Capitalization on page 44](#)
- L.2.2d = [Spelling on page 46](#)

Third:

- L.2.1f = [Sentences, Phrases, Clauses, and Agreement on page 45](#)
- L.3.1a, L.3.1b, and L.3.1d = [Parts of Speech on page 42](#)
- L.3.1f = [Sentences, Phrases, Clauses, and Agreement on page 45](#)

- L.3.1g to L.3.1h = [Parts of Speech on page 42](#)
- L.3.2a to L.3.2d = [Punctuation and Capitalization on page 44](#)
- L.3.2e to L.3.2f = [Spelling on page 47](#)

Fourth:

- L.3.1f = [Sentences, Phrases, Clauses, and Agreement on page 45](#)
- L.4.1a to L.4.1e = [Parts of Speech on page 42](#)
- L.4.1f = [Sentences, Phrases, Clauses, and Agreement on page 45](#)
- L.4.1g = [Spelling on page 48](#)
- L.4.2c = [Punctuation and Capitalization on page 44](#)
- L.4.2d = [Spelling on page 48](#)

Fifth:

- L.4.1f = [Sentences, Phrases, Clauses, and Agreement on page 45](#)
- L.4.2a = [Punctuation and Capitalization on page 44](#)
- L.5.1a, L.5.1b, L.5.1d, L.5.1e = [Parts of Speech on page 42](#)
- L.5.2a to L.5.2d = [Punctuation and Capitalization on page 44](#)
- L.5.2e = [Spelling on page 48](#)

Sixth:

- L.3.1f and L.4.1f = [Sentences, Phrases, Clauses, and Agreement on page 46](#)
- L.5.1d, L.6.1a, L.6.1c, L.6.1d = [Parts of Speech on page 43](#)
- L.6.2a = [Punctuation and Capitalization on page 44](#)
- L.6.2b = [Spelling on page 48](#)

Seventh:

- L.2.1f and L.3.1f = [Sentences, Phrases, Clauses, and Agreement on page 46](#)
- L.5.2a = [Punctuation and Capitalization on page 44](#)
- L.6.1c to L.6.1d = [Parts of Speech on page 43](#)
- L.7.1a and L.7.1c = [Sentences, Phrases, Clauses, and Agreement on page 46](#)
- L.7.2a = [Punctuation and Capitalization on page 44](#)
- L.7.2b = [Spelling on page 48](#)

Eighth:

- L.3.1f and L.4.1f = [Sentences, Phrases, Clauses, and Agreement on page 46](#)
- L.5.2a = [Punctuation and Capitalization on page 45](#)
- L.6.1c to L.6.1d = [Parts of Speech on page 43](#)

- L.7.1c = [Sentences, Phrases, Clauses, and Agreement on page 46](#)
- L.8.2a = [Punctuation and Capitalization on page 45](#)
- L.8.2c = [Spelling on page 48](#)
- L.8.3a = [Parts of Speech on page 43](#)

Parts of Speech

Parts of Speech			
Kindergarten		Skill ID	Standard
1	Use the prepositions "for," "of," and "with."	LA.K.1.1	L.K.1e
2	Use the prepositions "to," "from," and "by."	LA.K.1.2	L.K.1e
3	Use the prepositions "in," "out," "on," and "off."	LA.K.1.3	L.K.1e
First Grade		Skill ID	Standard
1	Use the frequently occurring conjunctions "and," "so," "but," "or," and "because."	LA.1.1.1	L.1.1g
2	Use definite and indefinite articles.	LA.1.1.2	L.1.1h
3	Use the demonstrative pronouns "this," "that," "these," and "those."	LA.1.1.3	L.1.1h
4	Use the prepositions "during," "beyond," and "toward."	LA.1.1.4	L.1.1i
5	Use regular verbs in the past tense.	LA.1.1.5	L.1.1e
6	Use verbs in the present tense.	LA.1.1.6	L.1.1e
7	Use verbs in the future tense.	LA.1.1.7	L.1.1e
8	Use frequently occurring adjectives.	LA.1.1.8	L.1.1f
9	Use singular personal pronouns (e.g., I, me, him, her).	LA.1.1.9	L.1.1d
10	Use plural personal pronouns (e.g., we, you, they, them).	LA.1.1.10	L.1.1d
11	Use possessive pronouns (e.g., my, his, hers, their).	LA.1.1.11	L.1.1d
12	Use indefinite pronouns (e.g., both, anyone, everything).	LA.1.1.12	L.1.1d
13	Use common nouns.	LA.1.1.13	L.1.1b
14	Use proper nouns.	LA.1.1.14	L.1.1b
15	Use possessive nouns.	LA.1.1.15	L.1.1b
Second Grade		Skill ID	Standard
1	Choose adjectives to modify nouns.	LA.2.1.1	L.2.1e
2	Choose adverbs to modify verbs.	LA.2.1.2	L.2.1e
3	Use the past tense of common irregular verbs.	LA.2.1.3	L.2.1d
4	Use common irregular plural nouns.	LA.2.1.4	L.2.1b

Parts of Speech

5	Use reflexive pronouns.	LA.2.1.5	L.2.1c
6	Use collective nouns (e.g. group, team, class).	LA.2.1.6	L.2.1a
Third Grade		Skill ID	Standard
1	Choose a subordinating conjunction (e.g., because, while, after) to begin or join clauses in a sentence.	LA.3.1.1	L.3.1h
2	Choose a coordinating conjunction (e.g., or, and) to connect words or groups of words in sentences.	LA.3.1.2	L.3.1h
3	Determine when to use comparative and superlative adverbs (e.g., more carefully, most carefully) as modifiers.	LA.3.1.3	L.3.1g
4	Determine when to use irregular comparative and superlative adjectives (e.g., better, best, worse, worst, more, most).	LA.3.1.4	L.3.1g
5	Determine when to use regular comparative and superlative adjectives (e.g., bigger, biggest, taller, tallest) as modifiers.	LA.3.1.5	L.3.1g
6	Use regular plural nouns.	LA.3.1.6	L.3.1b
7	Use irregular plural nouns (e.g., halves, wives, tomatoes).	LA.3.1.7	L.3.1b
8	Use regular verbs in the simple tenses.	LA.3.1.8	L.3.1d
9	Use the past tense for irregular verbs (e.g., grew, drove, slept).	LA.3.1.9	L.3.1d
10	Identify the purpose of an adverb in a sentence.	LA.3.1.10	L.3.1a
11	Identify the purpose of an adjective in a sentence.	LA.3.1.11	L.3.1a
12	Identify the purpose of a verb in a sentence.	LA.3.1.12	L.3.1a
13	Identify the purpose of a pronoun in a sentence.	LA.3.1.13	L.3.1a
14	Identify the purpose of a noun in a sentence.	LA.3.1.14	L.3.1a
Fourth Grade		Skill ID	Standard
1	Use prepositional phrases.	LA.4.1.1	L.4.1e
2	Understand how to use modal verbs (e.g., might, should, must) to make a request; ask permission; or express ability, probability, or intention.	LA.4.1.2	L.4.1c
3	Use the progressive verb forms.	LA.4.1.3	L.4.1b
4	Sequence two modifiers in a sentence using conventional placement patterns (e.g., the tiny gray rock).	LA.4.1.4	L.4.1d
5	Use relative pronouns (e.g., who, whose, which, that).	LA.4.1.5	L.4.1a
6	Use relative adverbs (e.g., where, when, why).	LA.4.1.6	L.4.1a
Fifth Grade		Skill ID	Standard
1	Use correlative conjunctions such as "either/or" and "neither/nor."	LA.5.1.1	L.5.1e
2	Identify the purpose of a preposition in a sentence.	LA.5.1.2	L.5.1a

Parts of Speech

3	Identify the purpose of a conjunction in a sentence.	LA.5.1.3	L.5.1a
4	Recognize an inappropriate shift in verb tense.	LA.5.1.4	L.5.1d
5	Use the perfect verb tenses.	LA.5.1.5	L.5.1b
Sixth Grade		Skill ID	Standard
1	Revise sentences in which a pronoun has two possible antecedents (e.g., After Rusty told Jim he bought a new hat, he went to catch the bus).	LA.6.1.1	L.6.1d
2	Use a pronoun that agrees in number and person with an antecedent that is a single word (e.g., Cats do not like to share their food).	LA.6.1.2	L.6.1c
3	Correct an inappropriate shift in verb tense.	LA.6.1.3	L.5.1d
4	Use a subjective case personal pronoun (e.g., I, he, she) in a sentence that contains a compound subject (e.g., Jack and I have blue backpacks).	LA.6.1.4	L.6.1a
5	Use an objective case personal pronoun in a sentence that contains a compound object (e.g., The teacher smiled at Maya and me).	LA.6.1.5	L.6.1a
Seventh Grade		Skill ID	Standard
1	Revise sentences that inappropriately use "you" as an indefinite reference (e.g., At the ice rink, you can rent a pair of skates).	LA.7.1.1	L.6.1d
2	Use a pronoun that agrees in number with an antecedent that includes an indefinite pronoun (e.g., each of the girls had worn out her shoes).	LA.7.1.2	L.6.1c
Eighth Grade		Skill ID	Standard
1	Revise a sentence in the passive voice to put it in the active voice.	LA.8.1.1	L.8.3a
2	Revise a sentence that contains a pronoun that lacks an antecedent (e.g., It said on the Internet that it would rain tomorrow).	LA.8.1.2	L.6.1d
3	Use the appropriate pronoun in a sentence that has a collective noun as an antecedent (e.g., The team won its first trophy).	LA.8.1.3	L.6.1c

Punctuation and Capitalization

Punctuation and Capitalization			
Kindergarten		Skill ID	Standard
1	Recognize end punctuation.	LA.K.3.1	L.K.2b
2	Distinguish between uppercase and lowercase letters.	LA.K.3.2	L.K.1a
3	Capitalize the first word in a sentence.	LA.K.3.3	L.K.2a
4	Capitalize the pronoun "I."	LA.K.3.4	L.K.2a
First Grade		Skill ID	Standard
1	Use commas in dates.	LA.1.3.1	L.1.2c

Punctuation and Capitalization

2	Use commas to separate single words in a series.	LA.1.3.2	L.1.2c
3	Use question marks and periods correctly.	LA.1.3.3	L.1.2b
4	Capitalize days of the week and names of months.	LA.1.3.4	L.1.2a
5	Capitalize names of people.	LA.1.3.5	L.1.2a
Second Grade		Skill ID	Standard
1	Use an apostrophe to form contractions.	LA.2.3.1	L.2.2c
2	Use an apostrophe to form frequently occurring possessives.	LA.2.3.2	L.2.2c
3	Use commas in greeting and closing of letters.	LA.2.3.3	L.2.2b
4	Capitalize holidays.	LA.2.3.4	L.2.2a
5	Capitalize dates.	LA.2.3.5	L.2.2a
6	Capitalize geographic names.	LA.2.3.6	L.2.2a
Third Grade		Skill ID	Standard
1	Form possessives for singular nouns correctly.	LA.3.3.1	L.3.2d
2	Form possessives for plural nouns correctly.	LA.3.3.2	L.3.2d
3	Punctuate dialogue correctly.	LA.3.3.3	L.3.2c
4	Use commas in addresses.	LA.3.3.4	L.3.2b
5	Capitalize titles of books correctly.	LA.3.3.5	L.3.2a
Fourth Grade		Skill ID	Standard
1	Use a comma before a coordinating conjunction in a compound sentence.	LA.4.3.1	L.4.2c
Fifth Grade		Skill ID	Standard
1	Use punctuation and formatting rules for indicating the titles of various types of works (e.g., books, plays, short stories, movies).	LA.5.3.1	L.5.2d
2	Use a comma to set off the words "yes" and "no" when they introduce a sentence.	LA.5.3.2	L.5.2c
3	Use a comma to indicate direct address.	LA.5.3.3	L.5.2c
4	Use a comma to separate a phrase or dependent clause from the rest of the sentence.	LA.5.3.4	L.5.2b
5	Use commas to separate words and phrases in a series.	LA.5.3.5	L.5.2a
6	Apply capitalization rules to directions and regions (e.g., traveling north, the Southwest).	LA.5.3.6	L.5.2
Sixth Grade		Skill ID	Standard
1	Use punctuation to set off nonrestrictive/parenthetical elements.	LA.6.3.1	L.6.2a
Seventh Grade		Skill ID	Standard
1	Use a comma to separate coordinate adjectives.	LA.7.3.1	L.7.2a

Punctuation and Capitalization

2	Use colons to introduce items in a series correctly.	LA.7.3.2	L.5.2a
Eighth Grade		Skill ID	Standard
1	Use dashes to set off an appositive.	LA.8.3.1	L.8.2a
2	Use semicolons and commas with items in a series correctly.	LA.8.3.2	L.5.2a

Sentences, Phrases, Clauses, and Agreement

Sentences, Phrases, Clauses, and Agreement

Kindergarten		Skill ID	Standard
1	Understand and use question words "who," "what," and "where."	LA.K.2.1	L.K.1d
2	Understand and use question words "when," "why," and "how."	LA.K.2.2	L.K.1d
First Grade		Skill ID	Standard
1	Use singular nouns with matching verbs in basic sentences.	LA.1.2.1	L.1.1c
2	Use plural nouns with matching verbs in basic sentences.	LA.1.2.2	L.1.1c
3	Recognize that sentences with a subject and a predicate are complete.	LA.1.2.3	L.1.1j
4	Distinguish sentences that ask questions from sentences that make statements.	LA.1.2.4	L.1.1j
Second Grade		Skill ID	Standard
1	Recognize complete simple sentences.	LA.2.2.1	L.2.1f
2	Recognize complete compound sentences.	LA.2.2.2	L.2.1f
Third Grade		Skill ID	Standard
1	Ensure subject-verb agreement in a sentence with a singular subject.	LA.3.2.1	L.3.1f
2	Ensure pronoun-antecedent agreement with a singular pronoun replacing a singular noun.	LA.3.2.2	L.3.1f
3	Produce complete simple sentences.	LA.3.2.3	L.3.1i
4	Produce complete compound sentences.	LA.3.2.4	L.3.1i
5	Produce complete complex sentences.	LA.3.2.5	L.3.1i
Fourth Grade		Skill ID	Standard
1	Correct sentence fragments.	LA.4.2.1	L.4.1f
2	Ensure subject-verb agreement in a sentence with a plural subject.	LA.4.2.2	L.3.1f
3	Ensure pronoun-antecedent agreement with a plural pronoun replacing a plural noun.	LA.4.2.3	L.3.1f
Fifth Grade		Skill ID	Standard
1	Ensure subject-verb agreement for two singular subjects connected by coordinating conjunctions (e.g., and, or).	LA.5.2.1	L.3.1f

Sentences, Phrases, Clauses, and Agreement

2	Recognize run-on sentences and comma splices.	LA.5.2.2	L.4.1f
3	Ensure pronoun-antecedent agreement when there is a phrase or clause between the subject and verb.	LA.5.2.3	L.3.1f
Sixth Grade		Skill ID	Standard
1	Ensure subject-verb agreement when there are phrases or clauses between the noun and verb.	LA.6.2.1	L.3.1f
2	Correct run-on sentences and comma splices.	LA.6.2.2	L.4.1f
3	Ensure subject-verb agreement for two singular subjects connected by correlative conjunctions (e.g., either/or, neither/nor).	LA.6.2.3	L.3.1f
Seventh Grade		Skill ID	Standard
1	Place prepositional phrases within a sentence correctly.	LA.7.2.1	L.7.1a
2	Correct dangling and misplaced modifiers.	LA.7.2.2	L.7.1c
3	Correct sentence fragments in the context of a piece of writing.	LA.7.2.3	L.4.1i
4	Ensure subject-verb agreement with singular indefinite pronouns (each, everybody, anyone, etc.).	LA.7.2.4	L.3.1f
Eighth Grade		Skill ID	Standard
1	Ensure subject-verb agreement with collective nouns.	LA.8.2.1	L.3.1f
2	Correct run-on sentences and comma splices in the context of a piece of writing.	LA.8.2.2	L.4.1f
3	Place restrictive and non-restrictive clauses within a sentence correctly.	LA.8.2.3	L.7.1c

Spelling

Spelling			
	First Grade	Skill ID	Standard
1	Use conventional spelling for single-syllable words with the CVC short vowel spelling pattern such as "cat."	LA.1.4.1	L.1.2d
2	Use conventional spelling for single-syllable words with the CVCC and CCVC short vowel spelling patterns such as "cost" and "trap."	LA.1.4.2	L.1.2d
3	Use conventional spelling for single-syllable words with the CVVC and CVCe long vowel spelling patterns such as "main" and "bake."	LA.1.4.3	L.1.2d
4	Use conventional spelling for single-syllable words with the -ar and -or spelling patterns such as "park" and "cork."	LA.1.4.4	L.1.2d
5	Use conventional spelling for single-syllable words with the -er, -ir-, -ur- spelling patterns such as "her," "bird," and "turn."	LA.1.4.5	L.1.2d
	Second Grade	Skill ID	Standard
1	Use a learned spelling pattern for the conventional spelling of single-syllable words ending in -dge/-ge such as "fudge" and "age."	LA.2.4.1	L.2.2d

Spelling

2	Use a learned spelling pattern for the conventional spelling of single-syllable words ending in double consonants such as "ball" and "dress."	LA.2.4.2	L.2.2d
3	Use a learned spelling pattern for the conventional spelling of single-syllable words ending in -ck such as "pack."	LA.2.4.3	L.2.2d
4	Use a learned spelling pattern for the conventional spelling of single-syllable words with the diphthongs "oy/oi" and "ow/ou."	LA.2.4.4	L.2.2d

Third Grade		Skill ID	Standard
1	Use conventional spelling for words with the -igh and -ugh spelling patterns such as "high" and "tough."	LA.3.4.1	L.3.2f
2	Use conventional spelling for words with the -ould and -oo spelling patterns such as could and moon.	LA.3.4.2	L.3.2f
3	Use conventional spelling for words with the -ie and -ei spelling patterns such as belief and weigh.	LA.3.4.3	L.3.2f
4	Use conventional spelling for words with the kn- and wr- digraphs such as know and wrist.	LA.3.4.4	L.3.2f
5	Use conventional spelling for words with the -gh and ph- digraphs such as "laugh" and "phone."	LA.3.4.5	L.3.2f
6	Use conventional spelling for two-syllable VCCV and VCV words such as "clever" and "fancy."	LA.3.4.6	L.3.2f
7	Use conventional spelling for words ending in -le/-al/-el such as "puddle," "travel," and "local."	LA.3.4.7	L.3.2f
8	Use conventional spelling to add a suffix that begins with a consonant (ful, less, ly) to words ending in -e such as "hope>hopeful" and "late>lately."	LA.3.4.8	L.3.2e
9	Use conventional spelling to add a suffix that begins with a vowel (er, y, ed, ing) to words ending in -e such as "note>noting" and "late>later."	LA.3.4.9	L.3.2e
10	Use conventional spelling to add the suffixes -est, -ous, and -en.	LA.3.4.10	L.3.2e
11	Use conventional spelling for regular plural words ending in -ch or -sh such as "wish>wishes" and "beach>beaches."	LA.3.4.11	L.3.2e
12	Use conventional spelling for regular plural words ending in -s or -x such as "bus>buses" and "mix>mixes."	LA.3.4.12	L.3.2e
13	Use conventional spelling for adding the -ing suffix to words ending in -ie such as "lie>lying."	LA.3.4.13	L.3.2e
14	Use conventional spelling for adding a plural suffix to words ending in -f/-fe such as "knife>knives" and "leaf>leaves."	LA.3.4.14	L.3.2e
15	Use conventional spelling for words ending in -able/-ible such as "washable" and "possible."	LA.3.4.15	L.3.2e
16	Use conventional spelling for adding a suffix to words ending in -y such as "carry>carried" and "play>playful."	LA.3.4.16	L.3.2e
17	Use conventional spelling for doubling a final consonant when adding a suffix such as "cap>capped."	LA.3.4.17	L.3.2e

Spelling			
Fourth Grade		Skill ID	Standard
1	Use conventional spelling for frequently confused words (e.g., then/than).	LA.4.4.1	L.4.1g
2	Use conventional spelling for the frequently confused homophones "do/due/dew."	LA.4.4.2	L.4.1g
3	Use conventional spelling for the frequently confused homophones "their/there" and "pair/pear."	LA.4.4.3	L.4.1g
4	Use conventional spelling for the frequently confused homophones "know/no" and "by/buy/bye."	LA.4.4.4	L.4.1g
5	Use conventional spelling for the frequently confused homophones "peace/piece" and "weather/whether."	LA.4.4.5	L.4.1g
6	Use conventional spelling for the frequently confused homophones "scene/seen" and "meat/meet."	LA.4.4.6	L.4.1g
7	Use conventional spelling for frequently misspelled words such as "business" and "tomorrow."	LA.4.4.7	L.4.2d
8	Use conventional spelling for words ending in -tion/-sion such as "nation" and "vision."	LA.4.4.8	L.4.2d
Fifth Grade		Skill ID	Standard
1	Use conventional spelling for frequently misspelled words (e.g., separate, especially).	LA.5.4.1	L.5.2e
2	Use conventional spelling for frequently confused words (e.g., advice/advise).	LA.5.4.2	L.5.2e
Sixth Grade		Skill ID	Standard
1	Use conventional spelling for frequently misspelled words such as "schedule."	LA.6.4.1	L.6.2b
2	Use conventional spelling for frequently confused words such as "adapt/adopt."	LA.6.4.2	L.6.2b
Seventh Grade		Skill ID	Standard
1	Use conventional spelling for frequently misspelled words such as "recommend."	LA.7.4.1	L.7.2b
2	Use conventional spelling for frequently confused words such as decent/descent/dissent.	LA.7.4.2	L.7.2b
Eighth Grade		Skill ID	Standard
1	Use conventional spelling for frequently misspelled words such as "accommodate."	LA.8.4.1	L.8.2c
2	Use conventional spelling for frequently confused words such as "affect/effect."	LA.8.4.2	L.8.2c

Vocabulary

The vocabulary subject has just one strand—vocabulary.

Vocabulary

Vocabulary			
	Kindergarten	Skill ID	Standard
1	Identify multiple meanings of words such as "back" and "park."	READ.K.10.1	L.K.4a
2	Use the most frequently occurring inflections (-s, -ed, and -ing) as a clue to the meaning of a word.	READ.K.10.2	L.K.4b
3	Demonstrate understanding of frequently occurring verbs by relating them to their opposites (e.g., "stop" and "go").	READ.K.10.3	L.K.5b
4	Demonstrate understanding of frequently occurring adjectives by relating them to their opposites (e.g., "big" and "little").	READ.K.10.4	L.K.5b
	First Grade	Skill ID	Standard
1	Use sentences as context to understand the meaning of a word or phrase.	READ.1.10.1	L.1.4a
2	Use common affixes, such as re-, un-, and -ful, as clues to the meaning of a word.	READ.1.10.2	L.1.4b
3	Understand inflectional forms of common root words, such as "heats," "heated," and "heating."	READ.1.10.3	L.1.4c
4	Categorize words logically.	READ.1.10.4	L.1.5a
5	Explain nouns through using their key attributes, such as "A bird is an animal that flies."	READ.1.10.5	L.1.5b
6	Differentiate between shades of meaning with verbs and adjectives, such as "small" and "tiny."	READ.1.10.6	L.1.5d
7	Identify the relationship signaled by frequently occurring conjunctions (e.g., "because," "or," "and").	READ.1.10.7	L.1.6
	Second Grade	Skill ID	Standard
1	Use sentences as context to understand the meaning of a word or phrase.	READ.2.10.1	L.2.4a
2	Understand the meaning of a new word formed by adding a common prefix.	READ.2.10.2	L.2.4b
3	Use the meaning of individual words to understand the meaning of compound words.	READ.2.10.3	L.2.4d
4	Use glossary or dictionary entries to determine the meaning of words or phrases.	READ.2.10.4	L.2.4e
5	Make real-world connections between nouns and their use or traits, such as "Water is wet."	READ.2.10.5	L.2.5a

Vocabulary

6	Differentiate between shades of meaning with verbs and adjectives (e.g., eat/gobble).	READ.2.10.6	L.2.5b
Third Grade		Skill ID	Standard
1	Use sentences as context to understand the meaning of a word or phrase.	READ.3.10.1	L.3.4a
2	Identify the meaning of a word formed when a known prefix or suffix is added to a known word (e.g., trust/distrust, enjoy/enjoyable).	READ.3.10.2	L.3.4b
3	Use a known root word to determine the meaning of an unknown word with the same root (e.g., complete/completion).	READ.3.10.3	L.3.4c
4	Use a beginner's dictionary to understand the meaning of words.	READ.3.10.4	L.3.4d
5	Understand the difference between literal and figurative meanings of words or phrases.	READ.3.10.5	L.3.5a
6	Make real-world connections between nouns and their use or traits, such as "Teachers are helpful."	READ.3.10.6	L.3.5b
7	Differentiate between shades of meaning among words that describe mental states, such as "thought," "knew," "believed."	READ.3.10.7	L.3.5c
8	Understand words and phrases that indicate spatial and/or temporal relationships, such as "after dinner" or "on the table."	READ.3.10.8	L.3.6
Fourth Grade		Skill ID	Standard
1	Use context clues to understand the meaning of words.	READ.4.10.1	L.4.4a
2	Use Greek and Latin affixes to understand the meaning of words.	READ.4.10.2	L.4.4b
3	Understand common idioms.	READ.4.10.3	L.4.5b
4	Use antonyms to understand the meaning of words.	READ.4.10.4	L.4.5c
5	Use synonyms to understand the meaning of words.	READ.4.10.5	L.4.5c
Fifth Grade		Skill ID	Standard
1	Use context clues to understand the meaning of words.	READ.5.10.1	L.5.4a
2	Use Greek and Latin affixes to understand the meaning of words.	READ.5.10.2	L.5.4b
3	Recognize and explain the meaning of well-known adages.	READ.5.10.3	L.5.5b
4	Use words and phrases that indicate logical relationships, such as "however," "similarly," or "in addition."	READ.5.10.4	L.5.6
Sixth Grade		Skill ID	Standard
1	Use context to understand the meaning of a word in a sentence.	READ.6.10.1	L.6.4a
2	Use Greek and Latin affixes and roots to understand the meaning of words.	READ.6.10.2	L.6.4b
3	Use the relationship between specific words in order to understand their meanings.	READ.6.10.3	L.6.5b
Seventh Grade		Skill ID	Standard
1	Use Greek and Latin affixes and roots to understand the meaning of words.	READ.7.10.1	L.7.4b

Vocabulary

2 Use the relationship between words in a sentence (comparison) to better understand the meaning of a particular word. READ.7.10.2 L.7.5b

Eighth Grade	Skill ID	Standard
1 Use Greek and Latin affixes and roots to understand the meaning of words.	READ.8.10.1	L.8.4b

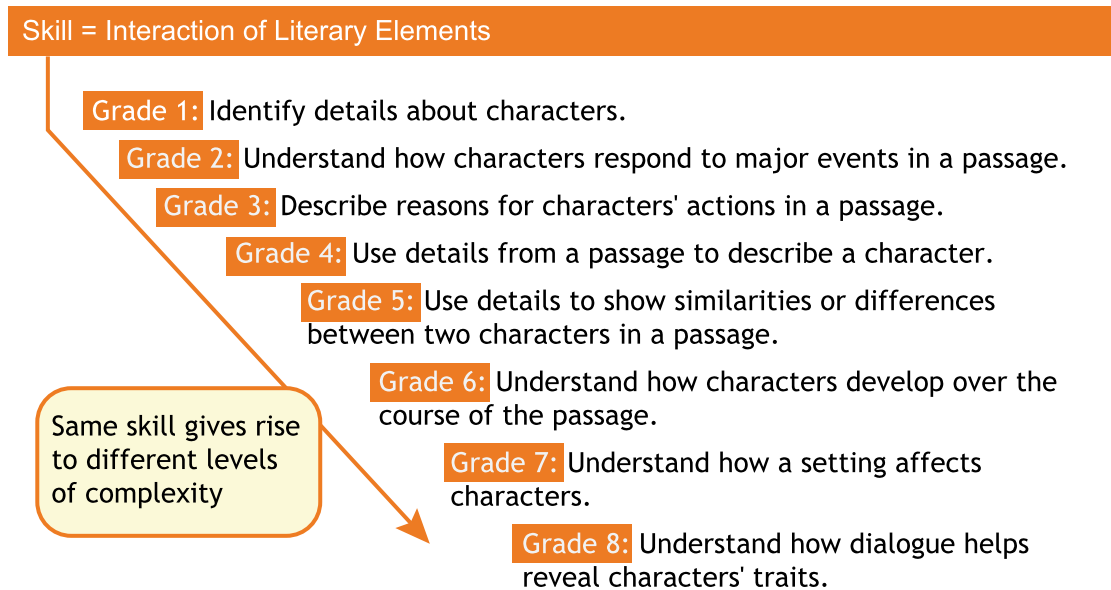
Reading

Use this reference to understand and choose between the following reading strands.

- [Creative Fiction on page 52](#) (grades 1 to 8)
- [Realistic Fiction on page 58](#) (grades 1 to 8)
- [History/Humanities Text on page 64](#) (grades 3 to 8)
- [Informational Texts on page 69](#) (grades 1 to 2)
- [Nonfiction/Literary Nonfiction on page 70](#) (grades 3 to 8)
- [Scientific/Technical Text on page 75](#) (grades 3 to 8)

How Reading Skills Differ

Unlike math and language usage, reading skills generally remain constant across the grades. The difference between grades arises from the text complexity and how students use those skills. These differences are called *skill descriptors*. For example, here is how the skill "Interaction of Literary Elements" differs across grades:



Creative Fiction

Creative Fiction				
	Skill	Skill Descriptor	Skill ID	Standard
First Grade				
1	Explicit Comprehension of Text	Identify significant details in a passage.	READ.1.4.1	RL.1.1

Creative Fiction				
	Skill	Skill Descriptor	Skill ID	Standard
2	Details That Support Ideas	Identify details related to the main idea or to the theme of a passage.	READ.1.4.2	RL.1.1
3	Main Idea or Summary	Understand the main idea of a passage.	READ.1.4.3	RL.1.2
4	Main Idea or Summary	Understand the theme of a passage.	READ.1.4.4	RL.1.2
5	Interaction of Literary Elements	Identify details about characters.	READ.1.4.5	RL.1.3
6	Interaction of Literary Elements	Identify details about a setting.	READ.1.4.6	RL.1.3
7	Interaction of Literary Elements	Identify details about events.	READ.1.4.7	RL.1.3
8	Text Structure	Identify how a passage begins or ends.	READ.1.4.8	RL.1.5
9	Style or Point of View	Identify who is narrating or speaking dialogue in a passage.	READ.1.4.9	RL.1.6
10	Vocabulary in Context	Understand words and phrases that convey emotion or feeling.	READ.1.4.10	RL.1.4
11	Vocabulary in Context	Identify sensory words and phrases.	READ.1.4.11	RL.1.4
Second Grade				
1	Explicit Comprehension of Text	Answer questions about significant details in a passage.	READ.2.4.1	RL.2.1
2	Main Idea or Summary	Understand the main idea of a passage.	READ.2.4.2	RL.2.2
3	Main Idea or Summary	Understand the central message or moral of a passage.	READ.2.4.3	RL.2.2
4	Details That Support Ideas	Identify a detail that relates to the main idea, central message, or moral of a passage.	READ.2.4.4	RL.2.1
5	Interaction of Literary Elements	Understand how characters respond to major events in a passage.	READ.2.4.5	RL.2.3
6	Text Structure	Explain how plot events relate to each other.	READ.2.4.6	RL.2.5
7	Text Structure	Explain how a passage begins.	READ.2.4.7	RL.2.5
8	Text Structure	Explain how a passage ends.	READ.2.4.8	RL.2.5
9	Style or Point of View	Identify who is narrating or speaking dialogue in a passage.	READ.2.4.9	RL.2.6
10	Vocabulary in Context	Understand the meaning of words or phrases in context.	READ.2.4.10	RL.2.4
Third Grade				
1	Explicit Comprehension of Text	Answer questions about significant details in a passage.	READ.3.4.1	RL.3.1

Creative Fiction				
	Skill	Skill Descriptor	Skill ID	Standard
2	Main Idea or Summary	Understand the main idea of a passage.	READ.3.4.2	RL.3.2
3	Main Idea or Summary	Understand the central message or moral of a passage.	READ.3.4.3	RL.3.2
4	Details That Support Ideas	Understand how details support the main idea of a passage.	READ.3.4.4	RL.3.1
5	Details That Support Ideas	Understand how details support the central message or moral of a passage.	READ.3.4.5	RL.3.1
6	Interaction of Literary Elements	Describe how characters behave in a passage.	READ.3.4.6	RL.3.3
7	Interaction of Literary Elements	Describe reasons for characters' actions in a passage.	READ.3.4.7	RL.3.3
8	Interaction of Literary Elements	Describe how characters feel or think in a passage.	READ.3.4.8	RL.3.3
9	Interaction of Literary Elements	Explain how characters' actions influence what happens in a passage.	READ.3.4.9	RL.3.3
10	Text Structure	Describe how one part of a passage relates to another part.	READ.3.4.10	RL.3.5
11	Style or Point of View	Describe a narrator's or character's point of view or attitude.	READ.3.4.11	RL.3.6
12	Vocabulary in Context	Understand the meaning of words or phrases in context.	READ.3.4.12	RL.3.4
13	Vocabulary in Context	Determine the meaning of figurative words or phrases.	READ.3.4.13	RL.3.4
Fourth Grade				
1	Explicit Comprehension of Text	Understand which detail best supports what a passage clearly states.	READ.4.4.1	RL.4.1
2	Main Idea or Summary	Understand the theme or main idea of a passage.	READ.4.4.2	RL.4.2
3	Main Idea or Summary	Recognize the best summary of a passage.	READ.4.4.3	RL.4.2
4	Details That Support Ideas	Understand which detail best supports the theme or main idea of a passage.	READ.4.4.4	RL.4.1
5	Inferences Supported by Text	Understand which detail best supports an inference based on the passage.	READ.4.4.5	RL.4.1
6	Interaction of Literary Elements	Use details from a passage to describe a character.	READ.4.4.6	RL.4.3
7	Interaction of Literary Elements	Use details from a passage to describe a setting.	READ.4.4.7	RL.4.3
8	Interaction of Literary Elements	Use details from a passage to describe an event.	READ.4.4.8	RL.4.3

Creative Fiction				
	Skill	Skill Descriptor	Skill ID	Standard
9	Text Structure	Describe how one part of a passage relates to another part.	READ.4.4.9	RL.4.5
10	Style or Point of View	Describe similarities or differences between the narrator's or the characters' points of view or attitudes.	READ.4.4.10	RL.4.6
11	Vocabulary in Context	Understand the meaning of words or phrases in context.	READ.4.4.11	RL.4.4
12	Vocabulary in Context	Understand the connotations of words or phrases in a passage.	READ.4.4.12	RL.4.4
13	Vocabulary in Context	Understand how mythological allusions influence meaning in a passage.	READ.4.4.13	RL.4.4
Fifth Grade				
1	Explicit Comprehension of Text	Understand which quoted detail best supports what a passage clearly states.	READ.5.4.1	RL.5.1
2	Main Idea or Summary	Understand the theme or main idea of a passage.	READ.5.4.2	RL.5.2
3	Main Idea or Summary	Recognize the best summary of a passage.	READ.5.4.3	RL.5.2
4	Details That Support Ideas	Identify which quoted detail best supports the theme or main idea of a passage.	READ.5.4.4	RL.5.1
5	Inferences Supported by Text	Identify which quoted detail best supports an inference based on a passage.	READ.5.4.5	RL.5.1
6	Interaction of Literary Elements	Use details to show similarities or differences between two characters in a passage.	READ.5.4.6	RL.5.3
7	Interaction of Literary Elements	Use details to show similarities or differences between two settings in a passage.	READ.5.4.7	RL.5.3
8	Interaction of Literary Elements	Use details to show similarities or differences between two events in a passage.	READ.5.4.8	RL.5.3
9	Text Structure	Describe how part of a passage relates to another part or to the passage structure as a whole.	READ.5.4.9	RL.5.5
10	Style or Point of View	Understand how the narrator's point of view or attitude affects descriptions.	READ.5.4.10	RL.5.6
11	Vocabulary in Context	Understand the meaning of words or phrases in context.	READ.5.4.11	RL.5.4
12	Vocabulary in Context	Understand the figurative meaning of words or phrases in a passage.	READ.5.4.12	RL.5.4
13	Vocabulary in Context	Understand the meaning of metaphors.	READ.5.4.13	RL.5.4
14	Vocabulary in Context	Understand the meaning of similes.	READ.5.4.14	RL.5.4
Sixth Grade				

Creative Fiction				
	Skill	Skill Descriptor	Skill ID	Standard
1	Explicit Comprehension of Text	Understand which detail best supports what a passage clearly states.	READ.6.4.1	RL.6.1
2	Main Idea or Summary	Understand the theme or main idea of a passage.	READ.6.4.2	RL.6.2
3	Main Idea or Summary	Recognize the best summary of a passage.	READ.6.4.3	RL.6.2
4	Details That Support Ideas	Identify which detail best supports the theme or main idea.	READ.6.4.4	RL.6.1
5	Inferences Supported by Text	Identify which detail best supports an inference based on a passage.	READ.6.4.5	RL.6.1
6	Interaction of Literary Elements	Understand how the plot develops over the course of a passage.	READ.6.4.6	RL.6.3
7	Interaction of Literary Elements	Understand how characters develop over the course of a passage.	READ.6.4.7	RL.6.3
8	Text Structure	Analyze how part of a passage relates to another part or to the passage structure as a whole.	READ.6.4.8	RL.6.5
9	Text Structure	Analyze how a part of a passage contributes to the setting.	READ.6.4.9	RL.6.5
10	Text Structure	Analyze how a part of a passage contributes to the plot.	READ.6.4.10	RL.6.5
11	Style or Point of View	Explain how the author develops the narrator's point of view or attitude toward characters or events.	READ.6.4.11	RL.6.6
12	Vocabulary in Context	Understand the meaning of words or phrases in context.	READ.6.4.12	RL.6.4
13	Vocabulary in Context	Understand the figurative meaning of words or phrases in a passage.	READ.6.4.13	RL.6.4
14	Vocabulary in Context	Understand the connotative meaning of words or phrases in a passage.	READ.6.4.14	RL.6.4
15	Vocabulary in Context	Analyze the effect of word choice on meaning.	READ.6.4.15	RL.6.4
16	Vocabulary in Context	Analyze the effect of word choice on tone.	READ.6.4.16	RL.6.4
Seventh Grade				
1	Explicit Comprehension of Text	Understand which detail best supports what a passage clearly states.	READ.7.4.1	RL.7.1
2	Main Idea or Summary	Understand the theme or main idea of a passage.	READ.7.4.2	RL.7.2
3	Main Idea or Summary	Recognize the best summary of a passage.	READ.7.4.3	RL.7.2
4	Details That Support Ideas	Identify which detail best supports the theme or main idea.	READ.7.4.4	RL.7.1
5	Inferences Supported by Text	Identify which detail best supports an inference based on a passage.	READ.7.4.5	RL.7.1

Creative Fiction				
	Skill	Skill Descriptor	Skill ID	Standard
6	Interaction of Literary Elements	Understand how a setting affects characters.	READ.7.4.6	RL.7.3
7	Interaction of Literary Elements	Understand how a setting affects the plot.	READ.7.4.7	RL.7.3
8	Interaction of Literary Elements	Describe how various story elements interact and contribute to plot development.	READ.7.4.8	RL.7.3
9	Text Structure	Analyze how parts of a passage interact with each other or contribute to the passage structure as a whole.	READ.7.4.9	RL.7.5
10	Style or Point of View	Understand characters' different points of view, attitudes, or perspectives.	READ.7.4.10	RL.7.6
11	Style or Point of View	Understand ways in which an author conveys characters' different points of view, attitudes, or perspectives.	READ.7.4.11	RL.7.6
12	Style or Point of View	Understand ways in which an author develops a narrator's point of view, attitude, or perspective.	READ.7.4.12	RL.7.6
13	Vocabulary in Context	Understand the meaning of words or phrases in context.	READ.7.4.13	RL.7.4
14	Vocabulary in Context	Understand the meaning of figurative words or phrases.	READ.7.4.14	RL.7.4
15	Vocabulary in Context	Understand the connotations of words or phrases.	READ.7.4.15	RL.7.4
Eighth Grade				
1	Explicit Comprehension of Text	Understand which detail best supports what a passage clearly states.	READ.8.4.1	RL.8.1
2	Main Idea or Summary	Understand the main idea or theme of a passage.	READ.8.4.2	RL.8.2
3	Main Idea or Summary	Recognize the best summary of a passage.	READ.8.4.3	RL.8.2
4	Details That Support Ideas	Identify which detail best supports the main idea or theme.	READ.8.4.4	RL.8.1
5	Inferences Supported by Text	Identify which detail best supports an inference based on a passage.	READ.8.4.5	RL.8.1
6	Interaction of Literary Elements	Understand how dialogue moves the plot forward.	READ.8.4.6	RL.8.3
7	Interaction of Literary Elements	Understand how dialogue helps reveal characters' traits.	READ.8.4.7	RL.8.3
8	Interaction of Literary Elements	Understand how events fit within a larger plot.	READ.8.4.8	RL.8.3
9	Interaction of Literary Elements	Understand how events help reveal characters' traits.	READ.8.4.9	RL.8.3

Creative Fiction				
	Skill	Skill Descriptor	Skill ID	Standard
10	Interaction of Literary Elements	Understand how events contribute to decision points.	READ.8.4.10	RL.8.3
11	Text Structure	Analyze how parts of a passage interact with each other or contribute to the passage structure as a whole.	READ.8.4.11	RL.8.5
12	Style or Point of View	Understand differences in the points of view or attitudes of characters.	READ.8.4.12	RL.8.6
13	Style or Point of View	Understand how an author creates suspense.	READ.8.4.13	RL.8.6
14	Style or Point of View	Understand how an author creates humor.	READ.8.4.14	RL.8.6
15	Style or Point of View	Analyze how an author conveys a narrator's point of view or attitude toward characters or plot events.	READ.8.4.15	RL.8.6
16	Vocabulary in Context	Understand how word choice affects meaning.	READ.8.4.16	RL.8.4
17	Vocabulary in Context	Understand how word choice affects tone.	READ.8.4.17	RL.8.4
18	Vocabulary in Context	Understand how figurative language contributes to meaning.	READ.8.4.18	RL.8.4
19	Vocabulary in Context	Understand the meaning of words or phrases in context.	READ.8.4.19	RL.8.4

Realistic Fiction

Realistic Fiction				
	Skill	Skill Descriptor	Skill ID	Standard
First Grade				
1	Explicit Comprehension of Text	Identify significant details in a passage.	READ.1.1.1	RL.1.1
2	Details That Support Ideas	Identify details related to the main idea or to the theme of a passage.	READ.1.1.2	RL.1.1
3	Main Idea or Summary	Understand the main idea of a passage.	READ.1.1.3	RL.1.2
4	Main Idea or Summary	Understand the theme of a passage.	READ.1.1.4	RL.1.2
5	Interaction of Literary Elements	Identify details about characters.	READ.1.1.5	RL.1.3
6	Interaction of Literary Elements	Identify details about a setting.	READ.1.1.6	RL.1.3
7	Interaction of Literary Elements	Identify details about events.	READ.1.1.7	RL.1.3
8	Text Structure	Identify how a passage begins or ends.	READ.1.1.8	RL.1.5
9	Style or Point of View	Identify who is narrating or speaking dialogue in a	READ.1.1.9	RL.1.6

Realistic Fiction				
	Skill	Skill Descriptor	Skill ID	Standard
		passage.		
10	Vocabulary in Context	Understand words and phrases that convey emotion or feeling.	READ.1.1.10	RL.1.4
11	Vocabulary in Context	Identify sensory words and phrases.	READ.1.1.11	RL.1.4
Second Grade				
1	Explicit Comprehension of Text	Answer questions about significant details in a passage.	READ.2.1.1	RL.2.1
2	Main Idea or Summary	Understand the main idea of the passage.	READ.2.1.2	RL.2.2
3	Main Idea or Summary	Understand the central message or moral of the passage.	READ.2.1.3	RL.2.2
4	Details That Support Ideas	Identify a detail that relates to the main idea, central message, or moral of a passage.	READ.2.1.4	RL.2.1
5	Interaction of Literary Elements	Understand how characters respond to major events in a passage.	READ.2.1.5	RL.2.3
6	Text Structure	Explain how plot events relate to each other.	READ.2.1.6	RL.2.5
7	Text Structure	Explain how a passage begins.	READ.2.1.7	RL.2.5
8	Text Structure	Explain how a passage ends.	READ.2.1.8	RL.2.5
9	Style or Point of View	Identify who is narrating or speaking dialogue in a passage.	READ.2.1.9	RL.2.6
10	Vocabulary in Context	Understand the meaning of words or phrases in context.	READ.2.1.10	RL.2.4
Third Grade				
1	Explicit Comprehension of Text	Answer questions about significant details in a passage.	READ.3.1.1	RL.3.1
2	Main Idea or Summary	Understand the main idea of a passage.	READ.3.1.2	RL.3.2
3	Main Idea or Summary	Understand the central message or moral of a passage.	READ.3.1.3	RL.3.2
4	Details That Support Ideas	Understand how details support the main idea of a passage.	READ.3.1.4	RL.3.1
5	Details That Support Ideas	Understand how details support the central message or moral of a passage.	READ.3.1.5	RL.3.1
6	Interaction of Literary Elements	Describe how characters behave in a passage.	READ.3.1.6	RL.3.3
7	Interaction of Literary Elements	Describe reasons for characters' actions in a passage.	READ.3.1.7	RL.3.3
8	Interaction of Literary	Describe how characters feel or think in a passage.	READ.3.1.8	RL.3.3

Realistic Fiction				
	Skill	Skill Descriptor	Skill ID	Standard
Elements				
9	Interaction of Literary Elements	Explain how characters' actions influence what happens in a passage.	READ.3.1.9	RL.3.3
10	Text Structure	Describe how one part of a passage relates to another part.	READ.3.1.10	RL.3.5
11	Style or Point of View	Describe a narrator's or character's point of view or attitude.	READ.3.1.11	RL.3.6
12	Vocabulary in Context	Understand the meaning of words or phrases in context.	READ.3.1.12	RL.3.4
13	Vocabulary in Context	Determine the meaning of figurative words or phrases.	READ.3.1.13	RL.3.4
Fourth Grade				
1	Explicit Comprehension of Text	Understand which detail best supports what a passage clearly states.	READ.4.1.1	RL.4.1
2	Main Idea or Summary	Understand the theme or main idea of a passage.	READ.4.1.2	RL.4.2
3	Main Idea or Summary	Recognize the best summary of a passage.	READ.4.1.3	RL.4.2
4	Details That Support Ideas	Understand which detail best supports the theme or main idea of the passage.	READ.4.1.4	RL.4.1
5	Inferences Supported by Text	Understand which detail best supports an inference.	READ.4.1.5	RL.4.1
6	Interaction of Literary Elements	Use details from a passage to describe a character.	READ.4.1.6	RL.4.3
7	Interaction of Literary Elements	Use details from a passage to describe a setting.	READ.4.1.7	RL.4.3
8	Interaction of Literary Elements	Use details from a passage to describe an event.	READ.4.1.8	RL.4.3
9	Text Structure	Describe how one part of a passage relates to another part.	READ.4.1.9	RL.4.5
10	Style or Point of View	Describe similarities or differences between the narrator's or the characters' points of view or attitudes.	READ.4.1.10	RL.4.6
11	Vocabulary in Context	Understand the meaning of words or phrases in context.	READ.4.1.11	RL.4.4
12	Vocabulary in Context	Understand the connotations of words or phrases in a passage.	READ.4.1.12	RL.4.4
13	Vocabulary in Context	Understand how mythological allusions influence meaning in a passage.	READ.4.1.13	RL.4.4

Realistic Fiction				
	Skill	Skill Descriptor	Skill ID	Standard
Fifth Grade				
1	Explicit Comprehension of Text	Understand which quoted detail best supports what a passage clearly states.	READ.5.1.1	RL.5.1
2	Main Idea or Summary	Understand the theme or main idea of the passage.	READ.5.1.2	RL.5.2
3	Main Idea or Summary	Recognize the best summary of the passage.	READ.5.1.3	RL.5.2
4	Details That Support Ideas	Identify which quoted detail best supports the theme or main idea of a passage.	READ.5.1.4	RL.5.1
5	Inferences Supported by Text	Identify which quoted detail best supports an inference.	READ.5.1.5	RL.5.1
6	Interaction of Literary Elements	Use details to show similarities or differences between two characters in a passage.	READ.5.1.6	RL.5.3
7	Interaction of Literary Elements	Use details to show similarities or differences between two settings in a passage.	READ.5.1.7	RL.5.3
8	Interaction of Literary Elements	Use details to show similarities or differences between two events in a passage.	READ.5.1.8	RL.5.3
9	Text Structure	Describe how part of a passage relates to another part or to the passage structure as a whole.	READ.5.1.9	RL.5.5
10	Style or Point of View	Understand how the narrator's point of view or attitude affects descriptions.	READ.5.1.10	RL.5.6
11	Vocabulary in Context	Understand the meaning of words or phrases in context.	READ.5.1.11	RL.5.4
12	Vocabulary in Context	Understands the figurative meaning of words or phrases in a passage.	READ.5.1.12	RL.5.4
13	Vocabulary in Context	Understand the meaning of metaphors.	READ.5.1.13	RL.5.4
14	Vocabulary in Context	Understand the meaning of similes.	READ.5.1.14	RL.5.4
Sixth Grade				
1	Explicit Comprehension of Text	Understand which detail best supports what the passage clearly states.	READ.6.1.1	RL.6.1
2	Main Idea or Summary	Understand the theme or main idea of the passage.	READ.6.1.2	RL.6.2
3	Main Idea or Summary	Recognize the best summary of the passage.	READ.6.1.3	RL.6.2
4	Details That Support Ideas	Identify which detail best supports the theme or main idea.	READ.6.1.4	RL.6.1
5	Inferences Supported by Text	Identify which detail best supports an inference based on the passage.	READ.6.1.5	RL.6.1
6	Interaction of Literary Elements	Understand how the plot develops over the course of the passage.	READ.6.1.6	RL.6.3

Realistic Fiction				
	Skill	Skill Descriptor	Skill ID	Standard
7	Interaction of Literary Elements	Understand how characters develop over the course of the passage.	READ.6.1.7	RL.6.3
8	Text Structure	Analyze how part of a passage relates to another part or to the passage structure as a whole.	READ.6.1.8	RL.6.5
9	Text Structure	Analyze how a part of the text contributes to the setting.	READ.6.1.9	RL.6.5
10	Text Structure	Analyze how a part of the text contributes to the plot.	READ.6.1.10	RL.6.5
11	Style or Point of View	Explain how the author develops the narrator's point of view or attitude toward characters or events.	READ.6.1.11	RL.6.6
12	Vocabulary in Context	Understand the meaning of words or phrases in context.	READ.6.1.12	RL.6.4
13	Vocabulary in Context	Understand the figurative meaning of words or phrases in a passage.	READ.6.1.13	RL.6.4
14	Vocabulary in Context	Understand the connotative meaning of words or phrases in a passage.	READ.6.1.14	RL.6.4
15	Vocabulary in Context	Analyze the effect of word choice on meaning.	READ.6.1.15	RL.6.4
16	Vocabulary in Context	Analyze the effect of word choice on tone.	READ.6.1.16	RL.6.4
Seventh Grade				
1	Explicit Comprehension of Text	Understand which detail best supports what the passage clearly states.	READ.7.1.1	RL.7.1
2	Main Idea or Summary	Understand the theme or main idea of a passage.	READ.7.1.2	RL.7.2
3	Main Idea or Summary	Recognize the best summary of the passage.	READ.7.1.3	RL.7.2
4	Details That Support Ideas	Identify which detail best supports the theme or main idea.	READ.7.1.4	RL.7.1
5	Inferences Supported by Text	Identify which detail best supports an inference based on the passage.	READ.7.1.5	RL.7.1
6	Interaction of Literary Elements	Understand how a setting affects characters.	READ.7.1.6	RL.7.3
7	Interaction of Literary Elements	Understand how a setting affects the plot.	READ.7.1.7	RL.7.3
8	Interaction of Literary Elements	Describe how various story elements interact and contribute to plot development.	READ.7.1.8	RL.7.3
9	Text Structure	Analyze how parts of a passage interact with each other or contribute to the passage structure as a whole.	READ.7.1.9	RL.7.5
10	Style or Point of View	Understand characters' different points of view, attitudes, or perspectives.	READ.7.1.10	RL.7.6

Realistic Fiction				
	Skill	Skill Descriptor	Skill ID	Standard
11	Style or Point of View	Understand ways in which an author conveys characters' different points of view, attitudes, or perspectives.	READ.7.1.11	RL.7.6
12	Style or Point of View	Understand ways in which an author develops a narrator's point of view, attitude, or perspective.	READ.7.1.12	RL.7.6
13	Vocabulary in Context	Understand the meaning of words or phrases in context.	READ.7.1.13	RL.7.4
14	Vocabulary in Context	Understands the meaning of figurative words or phrases.	READ.7.1.14	RL.7.4
15	Vocabulary in Context	Understand the connotations of words or phrases.	READ.7.1.15	RL.7.4
Eighth Grade				
1	Explicit Comprehension of Text	Understand which detail best supports what the passage clearly states.	READ.8.1.1	RL.8.1
2	Main Idea or Summary	Understand the main idea or theme of a passage.	READ.8.1.2	RL.8.2
3	Main Idea or Summary	Recognize the best summary of the passage.	READ.8.1.3	RL.8.2
4	Details That Support Ideas	Identify which detail best supports the main idea or theme.	READ.8.1.4	RL.8.1
5	Inferences Supported by Text	Identify which detail best supports an inference based on the passage.	READ.8.1.5	RL.8.1
6	Interaction of Literary Elements	Understand how dialogue moves the plot forward.	READ.8.1.6	RL.8.3
7	Interaction of Literary Elements	Understand how dialogue helps reveal characters' traits.	READ.8.1.7	RL.8.3
8	Interaction of Literary Elements	Understand how events fit within a larger plot.	READ.8.1.8	RL.8.3
9	Interaction of Literary Elements	Understand how events help reveal characters' traits.	READ.8.1.9	RL.8.3
10	Interaction of Literary Elements	Understand how events contribute to decision points.	READ.8.1.10	RL.8.3
11	Text Structure	Analyze how parts of a passage interact with each other or contribute to the passage structure as a whole.	READ.8.1.11	RL.8.5
12	Style or Point of View	Understand differences in the points of view or perspectives of characters.	READ.8.1.12	RL.8.6
13	Style or Point of View	Understand how an author creates suspense.	READ.8.1.13	RL.8.6
14	Style or Point of View	Understand how an author creates humor.	READ.8.1.14	RL.8.6
15	Style or Point of View	Analyze how an author conveys a narrator's attitude toward characters or plot events.	READ.8.1.15	RL.8.6

Realistic Fiction				
	Skill	Skill Descriptor	Skill ID	Standard
16	Vocabulary in Context	Understand how word choice affects meaning.	READ.8.1.16	RL.8.4
17	Vocabulary in Context	Understand how word choice affects tone.	READ.8.1.17	RL.8.4
18	Vocabulary in Context	Understand how figurative language contributes to meaning.	READ.8.1.18	RL.8.4
19	Vocabulary in Context	Understand the meaning of words or phrases in context.	READ.8.1.19	RL.8.4

History/Humanities Text

History/Humanities Text				
	Skill	Skill Descriptor	Skill ID	Standard
Third Grade				
1	Explicit Comprehension of Text	Answer literal questions about a passage.	READ.3.6.1	RI.3.1
2	Main Idea or Summary	Identify the best summary of a passage.	READ.3.6.2	RI.3.2
3	Main Idea or Summary	Understand the main idea of a passage.	READ.3.6.3	RI.3.2
4	Details That Support Ideas	Understand how details support the main idea of a passage.	READ.3.6.4	RI.3.2
5	Development of Ideas in Text	Use language that pertains to time, cause and effect, or sequence of events to explain the relationships between events in a passage.	READ.3.6.5	RI.3.3
6	Development of Ideas in Text	Use language that pertains to time, cause and effect, or sequence of events to explain the relationships between ideas or concepts in a passage.	READ.3.6.6	RI.3.3
7	Development of Ideas in Text	Use language that pertains to time, cause and effect, or sequence of events to explain the relationships between a series of steps in a passage.	READ.3.6.7	RI.3.3
8	Vocabulary in Context	Understand the meaning of domain-specific words or phrases in context.	READ.3.6.8	RI.3.4
9	Vocabulary in Context	Understand the meaning of general academic words or phrases in context.	READ.3.6.9	RI.3.4
10	Purpose or Point of View	Understand how the author's attitude/perspective is reflected in or impacts a passage.	READ.3.6.10	RI.3.6
11	Text Structure	Explain the purpose or role of a particular paragraph in a passage.	READ.3.6.11	RI.3.5
12	Arguments, Claims, and Evidence	Explain how the author creates logical connections between parts of a passage.	READ.3.6.12	RI.3.8

History/Humanities Text

	Skill	Skill Descriptor	Skill ID	Standard
Fourth Grade				
1	Explicit Comprehension of Text	Understand which details best support what a passage clearly states.	READ.4.6.1	RI.4.1
2	Main Idea or Summary	Identify the main idea of a passage.	READ.4.6.2	RI.4.2
3	Main Idea or Summary	Identify the best summary of a passage.	READ.4.6.3	RI.4.2
4	Details That Support Ideas	Explain how details support the main idea of a passage.	READ.4.6.4	RI.4.2
5	Inferences Supported by Text	Understand which details best support an inference.	READ.4.6.5	RI.4.1
6	Development of Ideas in Text	Describe a cause-and-effect relationship between events, actions, or steps in a process.	READ.4.6.6	RI.4.3
7	Vocabulary in Context	Understand the meaning of domain-specific words or phrases in context.	READ.4.6.7	RI.4.4
8	Vocabulary in Context	Understand the meaning of general academic words or phrases in context.	READ.4.6.8	RI.4.4
9	Text Structure	Determine the text structure of a passage or part of a passage.	READ.4.6.9	RI.4.5
10	Purpose or Point of View	Understand how the author's attitude/perspective is reflected in or impacts a passage.	READ.4.6.10	RI.4.6
11	Arguments, Claims, and Evidence	Identify evidence an author cites to support a point in a passage.	READ.4.6.11	RI.4.8
12	Arguments, Claims, and Evidence	Identify reasons an author cites to support a point in a passage.	READ.4.6.12	RI.4.8
Fifth Grade				
1	Explicit Comprehension of Text	Understand which quoted detail best supports what a passage clearly states.	READ.5.6.1	RI.5.1
2	Main Idea or Summary	Identify the best summary of a passage.	READ.5.6.2	RI.5.2
3	Main Idea or Summary	Identify the main idea of a passage.	READ.5.6.3	RI.5.2
4	Details That Support Ideas	Understand which quoted detail supports the main idea of a passage.	READ.5.6.4	RI.5.2
5	Inferences Supported by Text	Identify which quoted detail best supports an inference.	READ.5.6.5	RI.5.1
6	Development of Ideas in Text	Use details to show similarities or differences between two individuals, events, or concepts in a passage.	READ.5.6.6	RI.5.3
7	Vocabulary in Context	Understand the meaning of domain-specific words or phrases in context.	READ.5.6.7	RI.5.4

History/Humanities Text				
	Skill	Skill Descriptor	Skill ID	Standard
8	Vocabulary in Context	Understand the meaning of general academic words or phrases in context.	READ.5.6.8	RI.5.4
9	Text Structure	Determine the text structure of a passage or part of a passage.	READ.5.6.9	RI.5.5
10	Purpose or Point of View	Understand how the author's attitude/perspective is reflected in or impacts a passage.	READ.5.6.10	RI.5.6
11	Arguments, Claims, and Evidence	Understand which statements are backed by reasons or evidence and which are not.	READ.5.6.11	RI.5.8
12	Arguments, Claims, and Evidence	Understand which reasons support which statements.	READ.5.6.12	RI.5.8
Sixth Grade				
1	Explicit Comprehension of Text	Understand which detail best supports what a passage clearly states.	READ.6.6.1	RI.6.1
2	Main Idea or Summary	Understand the main idea of a passage.	READ.6.6.2	RI.6.2
3	Main Idea or Summary	Identify the best summary of a passage.	READ.6.6.3	RI.6.2
4	Details That Support Ideas	Identify how details support the main idea.	READ.6.6.4	RI.6.2
5	Inferences Supported by Text	Identify which detail best supports an inference.	READ.6.6.5	RI.6.1
6	Development of Ideas in Text	Explain how a person is introduced or developed in a passage.	READ.6.6.6	RI.6.3
7	Development of Ideas in Text	Explain how an event is introduced or developed in a passage.	READ.6.6.7	RI.6.3
8	Development of Ideas in Text	Explain how an idea is introduced or developed in a passage.	READ.6.6.8	RI.6.3
9	Vocabulary in Context	Understand the meaning of domain-specific words or phrases in context.	READ.6.6.9	RI.6.4
10	Vocabulary in Context	Understand the meaning of general academic words or phrases in context.	READ.6.6.10	RI.6.4
11	Vocabulary in Context	Understand the connotative meaning of words or phrases in context.	READ.6.6.11	RI.6.4
12	Vocabulary in Context	Understand the figurative meaning of words or phrases in context.	READ.6.6.12	RI.6.4
13	Text Structure	Understand how parts of a passage fit into the overall structure or contribute to the development of ideas.	READ.6.6.13	RI.6.5
14	Purpose or Point of View	Understand the author's purpose.	READ.6.6.14	RI.6.6

History/Humanities Text				
	Skill	Skill Descriptor	Skill ID	Standard
15	Purpose or Point of View	Understand the author's point of view.	READ.6.6.15	RI.6.6
16	Purpose or Point of View	Describe how an author's point of view is expressed in a passage.	READ.6.6.16	RI.6.6
17	Purpose or Point of View	Describe how the author's purpose is expressed in a passage.	READ.6.6.17	RI.6.6
18	Arguments, Claims, and Evidence	Understand the central argument or claims in a passage.	READ.6.6.18	RI.6.8
19	Arguments, Claims, and Evidence	Understand which claims or statements are backed by reasons or evidence and which are not.	READ.6.6.19	RI.6.8
Seventh Grade				
1	Explicit Comprehension of Text	Understand which detail best supports what a passage clearly states.	READ.7.6.1	RI.7.1
2	Main Idea or Summary	Identify the main idea in a passage.	READ.7.6.2	RI.7.2
3	Main Idea or Summary	Identify the best summary of a passage.	READ.7.6.3	RI.7.2
4	Details That Support Ideas	Identify which detail supports the main idea.	READ.7.6.4	RI.7.2
5	Inferences Supported by Text	Identify which detail best supports an inference.	READ.7.6.5	RI.7.1
6	Development of Ideas in Text	Understand how individuals, events, or ideas connect in a passage.	READ.7.6.6	RI.7.3
7	Vocabulary in Context	Understand the meaning of domain-specific words or phrases in context.	READ.7.6.7	RI.7.4
8	Vocabulary in Context	Understand the meaning of general academic words or phrases in context.	READ.7.6.8	RI.7.4
9	Vocabulary in Context	Identify the connotative meaning of words or phrases in a passage.	READ.7.6.9	RI.7.4
10	Vocabulary in Context	Identify the figurative meaning of words or phrases in a passage.	READ.7.6.10	RI.7.4
11	Vocabulary in Context	Understand how word choice affects meaning.	READ.7.6.11	RI.7.4
12	Vocabulary in Context	Understand how word choice affects tone.	READ.7.6.12	RI.7.4
13	Text Structure	Understand how various portions of a passage interact with each other to create an overall structure or how they contribute to the development of ideas.	READ.7.6.13	RI.7.5
14	Purpose or Point of View	Understand the author's purpose.	READ.7.6.14	RI.7.6
15	Purpose or Point of View	Understand how the author's attitude/perspective is reflected in or impacts a passage.	READ.7.6.15	RI.7.6

History/Humanities Text				
	Skill	Skill Descriptor	Skill ID	Standard
16	Arguments, Claims, and Evidence	Evaluate the relevance or sufficiency of the evidence or support the author provides.	READ.7.6.16	RI.7.8
17	Arguments, Claims, and Evidence	Understand the author's claims.	READ.7.6.17	RI.7.8
18	Arguments, Claims, and Evidence	Evaluate the author's reasoning.	READ.7.6.18	RI.7.8
Eighth Grade				
1	Explicit Comprehension of Text	Understand which detail best supports what a passage clearly states.	READ.8.6.1	RI.8.1
2	Main Idea or Summary	Understand the main idea of a passage.	READ.8.6.2	RI.8.2
3	Main Idea or Summary	Identify the best summary of a passage.	READ.8.6.3	RI.8.2
4	Details That Support Ideas	Identify which detail best supports the main idea.	READ.8.6.4	RI.8.2
5	Inferences Supported by Text	Identify which detail best supports an inference.	READ.8.6.5	RI.8.1
6	Main Idea or Summary	Explain how a main idea is developed in a passage.	READ.8.6.6	RI.8.2
7	Development of Ideas in Text	Understand how individuals, events, or ideas connect in a passage.	READ.8.6.7	RI.8.3
8	Vocabulary in Context	Understand the meaning of domain-specific words or phrases in context.	READ.8.6.8	RI.8.4
9	Vocabulary in Context	Understand the meaning of general academic words or phrases in context.	READ.8.6.9	RI.8.4
10	Vocabulary in Context	Identify the connotative meaning of a word or phrase in a passage.	READ.8.6.10	RI.8.4
11	Vocabulary in Context	Identify the figurative meaning of a word or phrase in a passage.	READ.8.6.11	RI.8.4
12	Vocabulary in Context	Understand how word choice affects meaning.	READ.8.6.12	RI.8.4
13	Vocabulary in Context	Understand how analogies or allusions affect meaning.	READ.8.6.13	RI.8.4
14	Vocabulary in Context	Understand how word choice affects tone.	READ.8.6.14	RI.8.4
15	Text Structure	Understand the role a part of a passage plays in creating an overall structure or in developing ideas.	READ.8.6.15	RI.8.5
16	Purpose or Point of View	Understand the author's purpose.	READ.8.6.16	RI.8.6
17	Purpose or Point of View	Understand how the author's attitude/perspective is reflected in or impacts a passage.	READ.8.6.17	RI.8.6
18	Purpose or Point of View	Understand how the author addresses contrasting	READ.8.6.18	RI.8.6

History/Humanities Text				
	Skill	Skill Descriptor	Skill ID	Standard
		evidence or views.		
19	Arguments, Claims, and Evidence	Understand the author's claims.	READ.8.6.19	RI.8.8
20	Arguments, Claims, and Evidence	Evaluate the author's reasoning.	READ.8.6.20	RI.8.8
21	Arguments, Claims, and Evidence	Evaluate the relevance or sufficiency of the evidence the author provides.	READ.8.6.21	RI.8.8

Informational Texts

The Informational Texts strand has a limited purpose. Use it for students who tested under the Non-fiction, History, or Scientific strands, but who scored Below Instructional at the third grade level, which is the lowest grade level in those strands.

Informational Texts				
	Skill	Skill Descriptor	Skill ID	Standard
First Grade				
1	Explicit Comprehension of Text	Describe important details in a passage.	READ.1.11.1	RI.1.1
2	Main Idea or Summary	Identify the best summary of a passage.	READ.1.11.2	RI.1.2
3	Main Idea or Summary	Determine the subject of a passage.	READ.1.11.3	RI.1.2
4	Development of Ideas in Text	Explain how people, events, or ideas in a passage are connected.	READ.1.11.4	RI.1.3
5	Vocabulary in Context	Understand the meaning of words or phrases in context.	READ.1.11.5	RI.1.4
6	Text Structure	Use text features to find specific information in a passage.	READ.1.11.6	RI.1.5
7	Purpose or Point of View	Understand the purpose of a graphic or the overall purpose of a passage.	READ.1.11.7	RI.1.6
8	Arguments, Claims, and Evidence	Identify reasons an author cites to support a point in a passage.	READ.1.11.8	RI.1.8
Second Grade				
1	Explicit Comprehension of Text	Answer questions about significant details in a passage.	READ.2.11.1	RI.2.1
2	Main Idea or Summary	Understand the main topic of a passage.	READ.2.11.2	RI.2.2
3	Main Idea or Summary	Understand the focus of individual paragraphs in a passage.	READ.2.11.3	RI.2.2
4	Development of Ideas in	Use language that pertains to time, cause and	READ.2.11.4	RI.2.3

Informational Texts				
	Skill	Skill Descriptor	Skill ID	Standard
	Text	effect, or sequence of events to explain the relationships between events in a passage.		
5	Development of Ideas in Text	Use language that pertains to time, cause and effect, or sequence of events to explain the relationships between ideas or concepts in a passage.	READ.2.11.5	RI.2.3
6	Development of Ideas in Text	Use language that pertains to time, cause and effect, or sequence of events to explain the relationships between a series of steps in a passage.	READ.2.11.6	RI.2.3
7	Vocabulary in Context	Understand the meaning of words or phrases in context.	READ.2.11.7	RI.2.4
8	Text Structure	Use text features to locate information.	READ.2.11.8	RI.2.5
9	Purpose or Point of View	Understand the author's purpose.	READ.2.11.9	RI.2.6
10	Arguments, Claims, and Evidence	Explain how reasons support the ideas in a passage.	READ.2.11.10	RI.2.8

Nonfiction/Literary Nonfiction

Nonfiction/Literary Nonfiction				
	Skill	Skill Descriptor	Skill ID	Standard
Third Grade				
1	Explicit Comprehension of Text	Answer literal questions about a passage.	READ.3.9.1	RI.3.1
2	Main Idea or Summary	Identify the best summary of a passage.	READ.3.9.2	RI.3.2
3	Main Idea or Summary	Understand the main idea of a passage.	READ.3.9.3	RI.3.2
4	Details That Support Ideas	Understand how details support the main idea of a passage.	READ.3.9.4	RI.3.2
5	Development of Ideas in Text	Use language that pertains to time, cause and effect, or sequence of events to explain the relationships between events in a passage.	READ.3.9.5	RI.3.3
6	Development of Ideas in Text	Use language that pertains to time, cause and effect, or sequence of events to explain the relationships between ideas or concepts in a passage.	READ.3.9.6	RI.3.3
7	Development of Ideas in Text	Use language that pertains to time, cause and effect, or sequence of events to explain the relationships between a series of steps in a	READ.3.9.7	RI.3.3

Nonfiction/Literary Nonfiction				
	Skill	Skill Descriptor	Skill ID	Standard
		passage.		
8	Vocabulary in Context	Understand the meaning of words or phrases in context.	READ.3.9.8	RI.3.4
9	Text Structure	Explain the purpose or role of a particular paragraph in a passage.	READ.3.9.9	RI.3.5
10	Purpose or Point of View	Understand how the author's attitude/perspective is reflected in or impacts a passage.	READ.3.9.10	RI.3.6
11	Arguments, Claims, and Evidence	Explain how the author creates logical connections between parts of a passage.	READ.3.9.11	RI.3.8
Fourth Grade				
1	Explicit Comprehension of Text	Understand which details best support what a passage clearly states.	READ.4.9.1	RI.4.1
2	Main Idea or Summary	Identify the main idea of a passage.	READ.4.9.2	RI.4.2
3	Main Idea or Summary	Identify the best summary of a passage.	READ.4.9.3	RI.4.2
4	Details That Support Ideas	Explain how details support the main idea of a passage.	READ.4.9.4	RI.4.2
5	Inferences Supported by Text	Understand which details best support an inference.	READ.4.9.5	RI.4.1
6	Development of Ideas in Text	Describe a cause-and-effect relationship between events, actions, or steps in a process.	READ.4.9.6	RI.4.3
7	Vocabulary in Context	Understand the meaning of general academic words or phrases in context.	READ.4.9.7	RI.4.4
8	Text Structure	Determine the text structure of a passage or part of a passage.	READ.4.9.8	RI.4.5
9	Purpose or Point of View	Understand how the author's attitude/perspective is reflected in or impacts a passage.	READ.4.9.9	RI.4.6
10	Arguments, Claims, and Evidence	Identify evidence an author cites to support a point in a passage.	READ.4.9.10	RI.4.8
11	Arguments, Claims, and Evidence	Identify reasons an author cites to support a point in a passage.	READ.4.9.11	RI.4.8
Fifth Grade				
1	Explicit Comprehension of Text	Understand which quoted detail best supports what a passage clearly states.	READ.5.9.1	RI.5.1
2	Main Idea or Summary	Identify the best summary of a passage.	READ.5.9.2	RI.5.2
3	Main Idea or Summary	Identify the main idea of a passage.	READ.5.9.3	RI.5.2
4	Details That Support Ideas	Understand which quoted detail supports the main idea of a passage.	READ.5.9.4	RI.5.2

Nonfiction/Literary Nonfiction				
	Skill	Skill Descriptor	Skill ID	Standard
5	Inferences Supported by Text	Identify which quoted detail best supports an inference.	READ.5.9.5	RI.5.1
6	Development of Ideas in Text	Use details to show similarities or differences between two individuals, events, or concepts in a passage.	READ.5.9.6	RI.5.3
7	Vocabulary in Context	Understand the meaning of general academic words or phrases in context.	READ.5.9.7	RI.5.4
8	Text Structure	Determine the text structure of a passage or part of a passage.	READ.5.9.8	RI.5.5
9	Purpose or Point of View	Understand how the author's attitude/perspective is reflected in or impacts a passage.	READ.5.9.9	RI.5.6
10	Arguments, Claims, and Evidence	Understand which statements are backed by reasons or evidence and which are not.	READ.5.9.10	RI.5.8
11	Arguments, Claims, and Evidence	Understand which reasons support which statements.	READ.5.9.11	RI.5.8
Sixth Grade				
1	Explicit Comprehension of Text	Understand which detail best supports what a passage clearly states.	READ.6.9.1	RI.6.1
2	Main Idea or Summary	Understand the main idea of a passage.	READ.6.9.2	RI.6.2
3	Main Idea or Summary	Identify the best summary of a passage.	READ.6.9.3	RI.6.2
4	Details That Support Ideas	Identify how details support the main idea.	READ.6.9.4	RI.6.2
5	Inferences Supported by Text	Identify which detail best supports an inference.	READ.6.9.5	RI.6.1
6	Development of Ideas in Text	Explain how a person is introduced or developed in a passage.	READ.6.9.6	RI.6.3
7	Development of Ideas in Text	Explain how an event is introduced or developed in a passage.	READ.6.9.7	RI.6.3
8	Development of Ideas in Text	Explain how an idea is introduced or developed in a passage.	READ.6.9.8	RI.6.3
9	Vocabulary in Context	Understand the meaning of domain-specific words or phrases in context.	READ.6.9.9	RI.6.4
10	Vocabulary in Context	Understand the meaning of general academic words or phrases in context.	READ.6.9.10	RI.6.4
11	Vocabulary in Context	Understand the connotative meaning of words or phrases in context.	READ.6.9.11	RI.6.4
12	Vocabulary in Context	Understand the figurative meaning of words or phrases in context.	READ.6.9.12	RI.6.4

Nonfiction/Literary Nonfiction				
	Skill	Skill Descriptor	Skill ID	Standard
13	Text Structure	Understand how parts of a passage fit into the overall structure or contribute to the development of ideas.	READ.6.9.13	RI.6.5
14	Purpose or Point of View	Understand the author's purpose.	READ.6.9.14	RI.6.6
15	Purpose or Point of View	Understand the author's point of view.	READ.6.9.15	RI.6.6
16	Purpose or Point of View	Describe how an author's point of view is expressed in a passage.	READ.6.9.16	RI.6.6
17	Purpose or Point of View	Describe how the author's purpose is expressed in a passage.	READ.6.9.17	RI.6.6
18	Arguments, Claims, and Evidence	Understand the central argument or claims in a passage.	READ.6.9.18	RI.6.8
19	Arguments, Claims, and Evidence	Understand which claims or statements are backed by reasons or evidence and which are not.	READ.6.9.19	RI.6.8
Seventh Grade				
1	Explicit Comprehension of Text	Understand which detail best supports what a passage clearly states.	READ.7.9.1	RI.7.1
2	Main Idea or Summary	Identify the main idea in a passage.	READ.7.9.2	RI.7.2
3	Main Idea or Summary	Identify the best summary of a passage.	READ.7.9.3	RI.7.2
4	Details That Support Ideas	Identify which detail supports the main idea.	READ.7.9.4	RI.7.2
5	Inferences Supported by Text	Identify which detail best supports an inference.	READ.7.9.5	RI.7.1
6	Development of Ideas in Text	Understand how individuals, events, or ideas connect in a passage.	READ.7.9.6	RI.7.3
7	Vocabulary in Context	Understand the meaning of domain-specific words or phrases in context.	READ.7.9.7	RI.7.4
8	Vocabulary in Context	Understand the meaning of general academic words or phrases in context.	READ.7.9.8	RI.7.4
9	Vocabulary in Context	Identify the connotative meaning of a word or phrase in a passage.	READ.7.9.9	RI.7.4
10	Vocabulary in Context	Identify the figurative meaning of a word or phrase in a passage.	READ.7.9.10	RI.7.4
11	Vocabulary in Context	Understand how word choice affects meaning.	READ.7.9.11	RI.7.4
12	Vocabulary in Context	Understand how word choice affects tone.	READ.7.9.12	RI.7.4
13	Text Structure	Understand how various portions of a passage interact with each other to create an overall structure or contribute to the development of ideas.	READ.7.9.13	RI.7.5

Nonfiction/Literary Nonfiction				
	Skill	Skill Descriptor	Skill ID	Standard
14	Purpose or Point of View	Understand the author's purpose.	READ.7.9.14	RI.7.6
15	Purpose or Point of View	Understand how the author's attitude/perspective is reflected in or impacts a passage.	READ.7.9.15	RI.7.6
16	Arguments, Claims, and Evidence	Understand an author's claims.	READ.7.9.16	RI.7.8
17	Arguments, Claims, and Evidence	Evaluate the author's reasoning.	READ.7.9.17	RI.7.8
18	Arguments, Claims, and Evidence	Evaluate the relevance or sufficiency of the evidence or support the author provides.	READ.7.9.18	RI.7.8
Eighth Grade				
1	Explicit Comprehension of Text	Understand which detail best supports what a passage clearly states.	READ.8.9.1	RI.8.1
2	Main Idea or Summary	Understand the main idea of a passage.	READ.8.9.2	RI.8.2
3	Main Idea or Summary	Identify the best summary of a passage.	READ.8.9.3	RI.8.2
4	Details That Support Ideas	Identify which detail best supports the main idea.	READ.8.9.4	RI.8.2
5	Inferences Supported by Text	Identify which detail best supports an inference.	READ.8.9.5	RI.8.1
6	Main Idea or Summary	Explain how a main idea is developed in a passage.	READ.8.9.6	RI.8.2
7	Development of Ideas in Text	Understand how individuals, events, or ideas connect in a passage.	READ.8.9.7	RI.8.3
8	Vocabulary in Context	Understand the meaning of domain-specific words or phrases in context.	READ.8.9.8	RI.8.4
9	Vocabulary in Context	Understand the meaning of general academic words or phrases in context.	READ.8.9.9	RI.8.4
10	Vocabulary in Context	Identify the connotative meaning of a word or phrase in a passage.	READ.8.9.10	RI.8.4
11	Vocabulary in Context	Identify the figurative meaning of a word or phrase in a passage.	READ.8.9.11	RI.8.4
12	Vocabulary in Context	Understand how word choice affects meaning.	READ.8.9.12	RI.8.4
13	Vocabulary in Context	Understand how analogies or allusions affect meaning.	READ.8.9.13	RI.8.4
14	Vocabulary in Context	Understand how word choice affects tone.	READ.8.9.14	RI.8.4
15	Vocabulary in Context	Understand how analogies or allusions affect tone.	READ.8.9.15	RI.8.4
16	Text Structure	Understand the role a part of a passage plays in creating an overall structure or in developing ideas.	READ.8.9.16	RI.8.5

Nonfiction/Literary Nonfiction				
	Skill	Skill Descriptor	Skill ID	Standard
17	Purpose or Point of View	Understand the author's purpose.	READ.8.9.17	RI.8.6
18	Purpose or Point of View	Understand how the author's attitude/perspective is reflected in or impacts a passage.	READ.8.9.18	RI.8.6
19	Purpose or Point of View	Understand how the author addresses contrasting evidence or views.	READ.8.9.19	RI.8.6
20	Arguments, Claims, and Evidence	Understand the author's claims.	READ.8.9.20	RI.8.8
21	Arguments, Claims, and Evidence	Evaluate the author's reasoning.	READ.8.9.21	RI.8.8
22	Arguments, Claims, and Evidence	Evaluate the relevance or sufficiency of the evidence or support the author provides.	READ.8.9.22	RI.8.8

Scientific/Technical Text

Scientific/Technical Text				
	Skill	Skill Descriptor	Skill ID	Standard
Third Grade				
1	Explicit Comprehension of Text	Answer questions about significant details in a passage.	READ.3.7.1	RI.3.1
2	Main Idea or Summary	Identify the best summary of a passage.	READ.3.7.2	RI.3.2
3	Main Idea or Summary	Understand the main idea of a passage.	READ.3.7.3	RI.3.2
4	Details That Support Ideas	Understand how details support the main idea of a passage.	READ.3.7.4	RI.3.2
5	Development of Ideas in Text	Use language that pertains to time, cause and effect, or sequence of events to explain the relationships between events in a passage.	READ.3.7.5	RI.3.3
6	Development of Ideas in Text	Use language that pertains to time, cause and effect, or sequence of events to explain the relationships between ideas or concepts in a passage.	READ.3.7.6	RI.3.3
7	Development of Ideas in Text	Use language that pertains to time, cause and effect, or sequence of events to explain the relationships between a series of steps in a passage.	READ.3.7.7	RI.3.3
8	Vocabulary in Context	Understand the meaning of domain-specific words or phrases in context.	READ.3.7.8	RI.3.4
9	Vocabulary in Context	Understand the meaning of general academic words or phrases in context.	READ.3.7.9	RI.3.4
10	Purpose or Point of View	Understand how the author's attitude/perspective is	READ.3.7.10	RI.3.6

Scientific/Technical Text				
	Skill	Skill Descriptor	Skill ID	Standard
		reflected in or impacts a passage.		
11	Text Structure	Use text features to locate information.	READ.3.7.11	RI.3.5
12	Arguments, Claims, and Evidence	Explain how the author creates logical connections between parts of a passage.	READ.3.7.12	RI.3.8
Fourth Grade				
1	Explicit Comprehension of Text	Understand which details best support what a passage clearly states.	READ.4.7.1	RI.4.1
2	Main Idea or Summary	Identify the main idea of a passage.	READ.4.7.2	RI.4.2
3	Main Idea or Summary	Summarize a passage.	READ.4.7.3	RI.4.2
4	Details That Support Ideas	Explain how details support the main idea of a passage.	READ.4.7.4	RI.4.2
5	Inferences Supported by Text	Understand which details best support an inference.	READ.4.7.5	RI.4.1
6	Development of Ideas in Text	Describe a cause-and-effect relationship between events, actions, or steps in a process.	READ.4.7.6	RI.4.3
7	Vocabulary in Context	Understand the meaning of domain-specific words or phrases in context.	READ.4.7.7	RI.4.4
8	Vocabulary in Context	Understand the meaning of general academic words or phrases in context.	READ.4.7.8	RI.4.4
9	Text Structure	Determine the text structure of a passage or part of a passage.	READ.4.7.9	RI.4.5
10	Purpose or Point of View	Understand how the author's attitude/perspective is reflected in or impacts a passage.	READ.4.7.10	RI.4.6
11	Arguments, Claims, and Evidence	Identify evidence an author cites to support a point in a passage.	READ.4.7.11	RI.4.8
12	Arguments, Claims, and Evidence	Identify reasons an author cites to support a point in a passage.	READ.4.7.12	RI.4.8
Fifth Grade				
1	Explicit Comprehension of Text	Understand which quoted detail best supports what a passage clearly states.	READ.5.7.1	RI.5.1
2	Main Idea or Summary	Recognize the best summary of the passage.	READ.5.7.2	RI.5.2
3	Main Idea or Summary	Identify the main idea of a passage.	READ.5.7.3	RI.5.2
4	Details That Support Ideas	Understand which quoted detail supports the main idea of a passage.	READ.5.7.4	RI.5.2
5	Inferences Supported by Text	Identify which quoted detail best supports an inference.	READ.5.7.5	RI.5.1

Scientific/Technical Text				
	Skill	Skill Descriptor	Skill ID	Standard
6	Development of Ideas in Text	Use details to show similarities or differences between two individuals, events, or concepts in a passage.	READ.5.7.6	RI.5.3
7	Vocabulary in Context	Understand the meaning of domain-specific words or phrases in context.	READ.5.7.7	RI.5.4
8	Vocabulary in Context	Understand the meaning of general academic words or phrases in context.	READ.5.7.8	RI.5.4
9	Text Structure	Explain the overall structure a text such as comparison, problem/solution, or cause/effect.	READ.5.7.9	RI.5.5
10	Purpose or Point of View	Understand how the author's attitude/perspective is reflected in or impacts a passage.	READ.5.7.10	RI.5.6
11	Arguments, Claims, and Evidence	Understand which statements are backed by reasons or evidence and which are not.	READ.5.7.11	RI.5.8
12	Arguments, Claims, and Evidence	Understand which reasons support which statements.	READ.5.7.12	RI.5.8
Sixth Grade				
1	Explicit Comprehension of Text	Understand which detail best supports what a passage clearly states.	READ.6.7.1	RI.6.1
2	Main Idea or Summary	Understand the main idea of a passage.	READ.6.7.2	RI.6.2
3	Main Idea or Summary	Recognize the best summary of a passage.	READ.6.7.3	RI.6.2
4	Details That Support Ideas	Identify how details support the main idea.	READ.6.7.4	RI.6.2
5	Inferences Supported by Text	Identify which detail best supports an inference based on a passage.	READ.6.7.5	RI.6.1
6	Development of Ideas in Text	Explain how a person, event, or idea is introduced or developed in a passage.	READ.6.7.6	RI.6.3
7	Vocabulary in Context	Understand the meaning of domain-specific words or phrases in context.	READ.6.7.7	RI.6.4
8	Vocabulary in Context	Understand the meaning of general academic words or phrases in context.	READ.6.7.8	RI.6.4
9	Text Structure	Understand how parts of a passage fit into the overall structure or contribute to the development of ideas.	READ.6.7.9	RI.6.5
10	Purpose or Point of View	Understand the author's purpose.	READ.6.7.10	RI.6.6
11	Purpose or Point of View	Understand how the author's attitude/perspective is reflected in or impacts a passage.	READ.6.7.11	RI.6.6
12	Purpose or Point of View	Describe how an author's point of view is expressed in a passage.	READ.6.7.12	RI.6.6

Scientific/Technical Text				
	Skill	Skill Descriptor	Skill ID	Standard
13	Purpose or Point of View	Describes how the author's purpose is expressed in a passage.	READ.6.7.13	RI.6.6
14	Arguments, Claims, and Evidence	Understand the central argument or claims in a passage.	READ.6.7.14	RI.6.8
15	Arguments, Claims, and Evidence	Understand which claims or statements are backed by reasons or evidence and which are not.	READ.6.7.15	RI.6.8
Seventh Grade				
1	Explicit Comprehension of Text	Understand which detail best supports what a passage clearly states.	READ.7.7.1	RI.7.1
2	Main Idea or Summary	Identify the main idea in a passage.	READ.7.7.2	RI.7.2
3	Main Idea or Summary	Recognize the best summary of a passage.	READ.7.7.3	RI.7.2
4	Details That Support Ideas	Identify which detail supports the main idea.	READ.7.7.4	RI.7.2
5	Inferences Supported by Text	Identify which detail best supports an inference based on a passage.	READ.7.7.5	RI.7.1
6	Development of Ideas in Text	Explain how individuals, events, and/or ideas in a passage are connected.	READ.7.7.6	RI.7.3
7	Vocabulary in Context	Understand the meaning of domain-specific words or phrases in context.	READ.7.7.7	RI.7.4
8	Vocabulary in Context	Understand the meaning of general academic words or phrases in context.	READ.7.7.8	RI.7.4
9	Vocabulary in Context	Understand how word choice affects meaning.	READ.7.7.9	RI.7.4
10	Vocabulary in Context	Understand how word choice affects tone.	READ.7.7.10	RI.7.4
11	Text Structure	Understand how various portions of a passage interact with each other to create an overall structure or contribute to the development of ideas.	READ.7.7.11	RI.7.5
12	Purpose or Point of View	Understand the author's purpose.	READ.7.7.12	RI.7.6
13	Purpose or Point of View	Understand how the author's attitude/perspective is reflected in or impacts the passage.	READ.7.7.13	RI.7.6
14	Arguments, Claims, and Evidence	Understand the author's claims.	READ.7.7.14	RI.7.8
15	Arguments, Claims, and Evidence	Evaluate the author's reasoning.	READ.7.7.15	RI.7.8
16	Arguments, Claims, and Evidence	Evaluate the relevance or sufficiency of the evidence or support the author provides.	READ.7.7.16	RI.7.8
Eighth Grade				
1	Explicit Comprehension	Understand which detail best supports what a	READ.8.7.1	RI.8.1

Scientific/Technical Text				
	Skill	Skill Descriptor	Skill ID	Standard
	of Text	passage clearly states.		
2	Main Idea or Summary	Understand the central idea of a passage.	READ.8.7.2	RI.8.2
3	Main Idea or Summary	Recognize the best summary of a passage.	READ.8.7.3	RI.8.2
4	Details That Support Ideas	Identify which detail best supports the central idea.	READ.8.7.4	RI.8.2
5	Inferences Supported by Text	Identify which detail best supports an inference based on a passage.	READ.8.7.5	RI.8.1
6	Main Idea or Summary	Trace how a central idea is developed in a passage.	READ.8.7.6	RI.8.2
7	Development of Ideas in Text	Explain how individuals, events, and/or ideas in a passage are connected.	READ.8.7.7	RI.8.3
8	Vocabulary in Context	Understand the meaning of domain-specific or academic vocabulary in context.	READ.8.7.8	RI.8.4
9	Vocabulary in Context	Understand the meaning of general academic words or phrases in context.	READ.8.7.9	RI.8.4
10	Vocabulary in Context	Understand how word choice affects meaning.	READ.8.7.10	RI.8.4
11	Vocabulary in Context	Understand how analogies are used to illustrate or clarify concepts.	READ.8.7.11	RI.8.4
12	Vocabulary in Context	Understand how word choice affects tone.	READ.8.7.12	RI.8.4
13	Text Structure	Understand the role a part of a passage plays in creating an overall structure or in developing ideas.	READ.8.7.13	RI.8.5
14	Purpose or Point of View	Understand the author's purpose.	READ.8.7.14	RI.8.6
15	Purpose or Point of View	Understand how the author's attitude/perspective is reflected in or impacts a passage.	READ.8.7.15	RI.8.6
16	Purpose or Point of View	Understand how the author anticipates or addresses a counterargument.	READ.8.7.16	RI.8.6
17	Arguments, Claims, and Evidence	Understand the author's claims.	READ.8.7.17	RI.8.8
18	Arguments, Claims, and Evidence	Evaluate the author's reasoning.	READ.8.7.18	RI.8.8
19	Arguments, Claims, and Evidence	Evaluate the relevance or sufficiency of the evidence or support the author provides.	READ.8.7.19	RI.8.8