

For the initial pilot, we assigned the testlets to sequential administration windows based on an analysis of common curricula to maximize students' opportunity to learn before testlet administration.

Grade 5

Administration 1 – Grade 5

Testlet	Primary CCSS	Content Attributes
Place Value - Powers of Ten	5.NBT.A.1 5.NBT.A.2	<ul style="list-style-type: none"> • Understand the relative value of the same digit in adjacent places (10 times as much or 1/10 as much). • Understand pattern of 0s when multiplying by a power of 10. • Understand decimal point movement when multiplying or dividing by a power of 10.
Place Value - Represent, Compare, and Round	5.NBT.A.3 5.NBT.A.4	<ul style="list-style-type: none"> • Represent decimal values. • Compare decimal values. • Round decimal values.
Decimal Operations	5.NBT.B.7	<ul style="list-style-type: none"> • Add decimals. • Subtract decimals. • Multiply decimals. • Divide decimals.

Administration 2 – Grade 5

Testlet	Primary CCSS	Content Attributes
Numerical Expressions	5.OA.A.1 5.OA.A.2	<ul style="list-style-type: none"> • Write numerical expressions. • Interpret numerical expressions. • Evaluate numerical expressions.
Whole Numbers - Multiplication and Division	5.NBT.B.5 5.NBT.B.6	<ul style="list-style-type: none"> • Multiply two whole numbers. • Divide two whole numbers.
Fractions - Addition and Subtraction with Unlike Denominators	5.NF.A.1 5.NF.A.2	<ul style="list-style-type: none"> • Add fractions with unlike denominators. • Subtract fractions with unlike denominators. • Reason about the sum or difference of fractions with unlike denominators.

Administration 3 – Grade 5

Testlet	Primary CCSS	Content Attributes
Fractions - Multiplication	5.NF.B.4 5.NF.B.5 5.NF.B.6	<ul style="list-style-type: none"> • Multiply fractions in a pure math context. • Multiply fractions to solve a word problem. • Multiply fractions to find the area of a rectangle. • Interpret fraction multiplication as scaling. • Reason about fraction multiplication.
Fractions - Division	5.NF.B.3 5.NF.B.7	<ul style="list-style-type: none"> • Interpret a fraction as the division of a whole number by a whole number. • Divide a whole number by a unit fraction. • Divide a unit fraction by a whole number.
Units of Measurement and Line Plots	5.MD.A.1 5.MD.B.2	<ul style="list-style-type: none"> • Convert between units within the same measurement system. • Solve problems involving fractional measurements represented on a line plot.

Administration 4 – Grade 5

Testlet	Primary CCSS	Content Attributes
Volume	5.MD.C.3 5.MD.C.4 5.MD.C.5	<ul style="list-style-type: none"> • Understand concepts of volume. • Find the volume of a right rectangular prism. • Find the volume of a rectilinear figure composed of right rectangular prisms.
Coordinate Grid	5.OA.B.3 5.G.A.1 5.G.A.2	<ul style="list-style-type: none"> • Plot points in the first quadrant. • Name coordinates of a point in the first quadrant. • Identify the relationship between corresponding values in simultaneous number patterns.
2-Dimensional Shapes	5.G.B.3 5.G.B.4	<ul style="list-style-type: none"> • Organize classes of polygons into a hierarchy based on attributes or properties. • Classify shapes according to their attributes or properties.

Grade 7

Administration 1 – Grade 7

Testlet	Primary CCSS	Content Attributes
Ratio and Proportion - Concepts	7.RP.A.1 7.RP.A.2	<ul style="list-style-type: none"> Find the unit rate. Determine if a relationship is proportional. Explain the meaning of $(1, r)$ in a proportional relationship.
Equations	7.EE.B.4a	<ul style="list-style-type: none"> Represent a real-world context with an equation of the form $px+q=r$ or $p(x+q)=r$ Solve a multi-step real-world problem that can be represented by the form $px+q=r$ or $p(x+q)=r$ Solve an equation similar to the form $px+q=r$ or $p(x+q)=r$
Scale Drawing	7.G.A.1	<ul style="list-style-type: none"> Find the actual measurement given a scale and a corresponding scaled measurement. Find the scale given an actual measurement and a corresponding scaled measurement. Find the scaled measurement given the scale and the corresponding actual measurement.

Administration 2 – Grade 7

Testlet	Primary CCSS	Content Attributes
Rational Numbers - Addition and Subtraction	7.NS.A.1	<ul style="list-style-type: none"> Add rational numbers. Subtract rational numbers.
Rational Numbers - Multiplication and Division	7.NS.A.2	<ul style="list-style-type: none"> Multiply rational numbers. Divide rational numbers. Convert between fractions and decimals.
Expressions	7.EE.A.1 7.EE.A.2	<ul style="list-style-type: none"> Add expressions Subtract expressions Factor expressions Expand expressions (using distributive property) Rewrite expressions to show a different aspect

Administration 3 – Grade 7

Testlet	Primary CCSS	Content Attributes
Ratio and Proportion - Applications	7.RP.A.3	<ul style="list-style-type: none"> Find the percent in a problem involving percent. Find the part in a problem involving percent. Find the whole in a problem involving percent. Solve a multi-step problem involving ratios.
Inequalities	7.EE.B.4b	<ul style="list-style-type: none"> Represent a real-world context with an inequality of the form $px+q<r$ or $px+q>r$ Solve a multi-step real-world problem that can be represented by the form $px+q<r$ or $px+q>r$ Solve an inequality similar to the form $px+q<r$ or $px+q>r$
Circles and 3D Shapes	7.G.B.4	<ul style="list-style-type: none"> Find the circumference of a circle. Find the area of a circle. Find the volume of a three-dimensional figure. Find the surface area of a three-dimensional figure. Describe the two-dimensional shape of a cross-section of a three-dimensional figure.

Administration 4 – Grade 7

Testlet	Primary CCSS	Content Attributes
Angles and Triangles	7.G.A.2 7.G.A.3 7.G.B.5 7.G.B.6	<ul style="list-style-type: none"> Calculate an unknown angle measure by applying knowledge of supplementary, complementary, vertical, and/or adjacent angles. Decide whether one, more than one, or no triangles can be constructed with a given set of measurements.
Statistics	7.SP.A.1 7.SP.A.2 7.SP.A.3 7.SP.A.4	<ul style="list-style-type: none"> Identify valid sampling methods. Draw inferences about populations. Calculate measures of center and spread. Compare populations based on measures of center and spread.
Probability	7.SP.C.5 7.SP.C.6 7.SP.C.7 7.SP.C.8	<ul style="list-style-type: none"> Calculate the probability of a simple event. Calculate the probability of a compound event. Find the sample space of an event. Design a probability simulation.