

Highly Accelerated 6th Grade:

Combination of all of grade 6 and grade 7 into one year

Each row is a combined unit - Give 1 summative assessment for the combination

Consider giving a pre-test at the beginning of each unit to further cut lessons that students have already mastered

Some lesson are exploratory and will be given as homework - this is *not* optional work so do not remove

Use the platform of your choice - Workbook, Learnzillion, Desmos, Geogebra, Zearn, etc

There are a total of 157 lessons. Use your knowledge of students to further refine the curriculum. Before each unit, review the lessons and see what activities can be moved into homework.

Priority Concepts:

Ratios and Proportions

Operations with Rational Numbers

Expressions and Equation

Fall Semester

Grade 6

UNIT 2

Introducing Ratios

- What are Ratios?
- Equivalent Ratios
- Representing Equivalent Ratios
- Solving Ratio and Rate Problems
- Part-part-whole Ratios
- Let's Put it to Work

Start the year with Grade 6 Unit 2 then follow with Grade 7 Unit 2

Combine 6.2.1 and 6.2.2
 Combine 6.2.3 and 6.2.4
 Combine 6.2.6 and 6.2.7
 Combine 6.2.11 and 6.2.12
 Combine 6.2.15 and 6.2.16
 Remove 6.2.14 and 6.2.17
 Homework: 6.2.8

Grade 6 Total: 10 lessons

Combine 7.2.4 and 7.2.5
 Combine 7.2.7 and 7.2.8
 Combine 7.2.10 and 7.2.11
 Remove 7.2.6 and 7.2.15

Grade 7 Total: 10 lessons

Unit total: 20 lessons

Grade 7

UNIT 2

Introducing Proportional Relationships

- Representing Proportional Relationships with Tables
- Representing Proportional Relationships with Equations
- Comparing Proportional and Nonproportional Relationships
- Representing Proportional Relationships with Graphs
- Let's Put it to Work

Grade 6

UNIT 3

Unit Rates and Percentages

- Units of Measurement
- Unit Conversion
- Rates
- Percentages
- Let's Put it to Work

Combine Grade 6 Unit 3 with Grade 7 Unit 4

Combine 6.3.10 and 6.3.11
 Combine 6.3.12 and 6.3.13
 Remove 6.3.2, 6.3.15, and 6.3.17

Grade 6 Total: 12 lessons

Combine 7.4.2 and 7.4.3
 Combine 7.4.4 and 7.4.5
 Combine 7.4.6 and 7.4.7
 Combine 7.4.8 and 7.4.9
 Combine 7.4.13 and 7.4.14
 Remove 7.4.15 and 7.4.16

Grade 7 Total: 9 lessons

Unit total: 21 lessons

Grade 7

UNIT 4

Proportional Relationships and Percentages

- Proportional Relationships with Fractions
- Percent Increase and Decrease
- Applying Percentages
- Let's Put it to Work

<p style="text-align: center;">Grade 6</p> <div style="background-color: #4a4a9a; color: white; padding: 5px; text-align: center;"> UNIT 4 Dividing Fractions </div> <ul style="list-style-type: none"> Making Sense of Division Meanings of Fraction Division Algorithm for Fraction Division Fractions in Lengths, Areas, and Volumes Let's Put It to Work 	<p style="text-align: center;">Combine Grade 6 Unit 4 with Grade 6 Unit 5 IM has already combined these units into one: https://lausd.learnzillion.com/wikis/592426-acc6-3-fractions-and-decimals/</p> <p style="text-align: center;">Unit total: 20 lessons</p>	<p style="text-align: center;">Grade 6</p> <div style="background-color: #4a4a9a; color: white; padding: 5px; text-align: center;"> UNIT 5 Arithmetic in Base Ten </div> <ul style="list-style-type: none"> Warming Up to Decimals Adding and Subtracting Decimals Multiplying Decimals Dividing Decimals Let's Put It to Work
<p style="text-align: center;">Grade 7</p> <div style="background-color: #4a7c3a; color: white; padding: 5px; text-align: center;"> UNIT 1 Scale Drawings </div> <ul style="list-style-type: none"> Scaled Copies Scale Drawings Let's Put It to Work 	<p style="text-align: center;">This unit can be moved flexibly; just make sure it is after ratios.</p> <p style="text-align: center;">Combine 7.1.1 and 7.1.2 Combine 7.1.4 and 7.1.5 Remove 7.1.6, 7.1.8, 7.1.11, 7.1.13 Homework: 7.1.7</p> <p style="text-align: center;">Unit total: 7 lessons</p>	

Spring Semester

Grade 6

UNIT 7

Rational Numbers

- Negative Numbers and Absolute Value
- Inequalities
- The Coordinate Plane
- Common Factors and Common Multiples
- Let's Put it to Work

Combine Grade 6 Unit 6 with Grade 7 Unit 5
IM has already combined these units into one:
<https://lausd.learnzillion.com/wikis/616322-acc6-7-rational-numbers/>

Unit total: 18 lessons

Grade 7

UNIT 5

Rational Number Arithmetic

- Interpreting Negative Numbers
- Adding and Subtracting Rational Numbers
- Multiplying and Dividing Rational Numbers
- Four Operations with Rational Numbers
- Solving Equations When There Are Negative Numbers
- Let's Put It to Work

Grade 6

UNIT 6

Expressions and Equations

- Equations in One Variable
- Equal and Equivalent
- Expressions with Exponents
- Relationships Between Quantities
- Let's Put it to Work

Combine Grade 6 Unit 6 with Grade 7 Unit 6

Combine 6.6.1 and 6.6.2
Combine 6.6.6 and 6.6.7
Combine 6.6.8 and 6.6.9
Combine 6.6.13 and 6.6.14
Remove 6.6.11, 6.6.18, and 6.6.19

Grade 6 Total: 12 lessons

Combine 7.6.2 and 7.6.3
Combine 7.6.4 and 7.6.5
Combine 7.6.7 and 7.6.8
Combine 7.6.9 and 7.6.10
Combine 7.6.11 and 7.6.12
Combine 7.6.13 and 7.6.14
Combine 7.6.16 and 7.6.17
Combine 7.6.20, 7.6.21, 7.6.22
Remove 7.6.23

Grade 7 Total: 14 lessons

Unit total: 26 lessons

Grade 7

UNIT 6

Expressions, Equations, and Inequalities

- Representing Situations of the Form $px + q = r$ and $p(x + q) = r$
- Solving Equations of the Form $px + q = r$ and $p(x + q) = r$ and Problems That Lead to Those Equations
- Inequalities
- Writing Equivalent Expressions
- Let's Put it to Work

<p style="text-align: center;">Grade 6</p> <div style="background-color: #4a4a9a; color: white; padding: 5px; margin-bottom: 10px;"> UNIT 1 Area and Surface Area </div> <ul style="list-style-type: none"> Reasoning to Find Area Parallelograms Triangles Polygons Surface Area Squares and Cubes Let's Put it to Work 	<p style="text-align: center;">Combine Grade 6 Unit 1 with Grade 7 Unit 3</p> <p style="text-align: center;">Combine 6.1.1 and 6.1.2 Combine 6.1.5 and 6.1.6 Remove 6.1.16 and 6.1.19 Homework: 6.1.4, 6.1.8, 6.1.12, 6.1.13, 6.1.14</p> <p style="text-align: center;">Grade 6 Total: 16 lessons</p> <p style="text-align: center;">Combine 7.3.1 and 7.3.2 Remove 7.3.5 Remove 7.3.11</p> <p style="text-align: center;">Grade 7 Total: 8 lessons</p> <p style="text-align: center;">Unit total: 24 lessons</p>	<p style="text-align: center;">Grade 7</p> <div style="background-color: #4a7c3a; color: white; padding: 5px; margin-bottom: 10px;"> UNIT 3 Measuring Circles </div> <ul style="list-style-type: none"> Circumference of a Circle Area of a Circle Let's Put it to Work
<p style="text-align: center;">Grade 6</p> <div style="background-color: #4a4a9a; color: white; padding: 5px; margin-bottom: 10px;"> UNIT 8 Data Sets and Distributions </div> <ul style="list-style-type: none"> Data, Variability, and Statistical Questions Dot Plots and Histograms Measures of Center and Variability Median and IQR Let's Put it to Work 	<p style="text-align: center;">Combine Grade 6 Unit 8 and Grade 7 Unit 8 IM has already combined these into one: https://lausd.learnzillion.com/wikis/616560-acc6-8-data-sets-and-distributions/</p> <p style="text-align: center;">Total lessons: 11</p>	<p style="text-align: center;">Grade 7</p> <div style="background-color: #4a7c3a; color: white; padding: 5px; margin-bottom: 10px;"> UNIT 8 Probability and Sampling </div> <ul style="list-style-type: none"> Probabilities of Single Step Events Probabilities of Multi-step Events Sampling Using Samples Let's Put it to Work

Grade 7

UNIT 7

Angles, Triangles, and Prisms

- Angle Relationships
- Drawing Polygons with Given Conditions
- Solid Geometry
- Let's Put It to Work

Combine 7.7.1 and 7.7.2
Combine 7.7.3 and 7.7.4
Combine 7.7.5 and 7.7.6
Combine 7.7.9 and 7.7.10
Combine 7.7.12 and 7.7.13
Combine 7.7.15 and 7.7.16
Remove 7.7.17

Unit total: 10 lessons

***if not fully covered, it can be picked up in
Geometry**